

Topic: [Vaccination: All](#)





Vaccination: All

08/29/2013

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- Allow full anonymous view



307

Evidence Density Group

3884

1377815104

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39

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8

71

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29206

What is Cumulative Knowledge, and Why Should it Interest Me?

Cumulative Knowledge is determined by ascribing a numerical value to all the articles indexed on our database. The GreenMedInfo.com algorithm appraises a study's overall evidentiary power and quality by generating a numerical value. This "Cumulative Knowledge" score incorporates variables such as study type, with the following types listed in descending order by their power: Meta-Analysis, Human Study, Human: Case Study, Animal:Transgenic, Animal, In Vitro, Review, and Commentary. The cumulative total will provide you an idea about the depth and quality of

information that this topic has accumulated on our site. For instance, if you downloaded a document on "**Cancers: All**", you might see "**Curcumin**" with a **Cumulative Knowledge** of **677** and **Resveratrol** with a **Cumulative Knowledge** of **175**. This does not mean that **Curcumin** is better, but just that we have gathered more quality research on the Substance **Curcumin**.
[Click here to read a more in depth explanation](#)

How are Topics and Articles Sorted in this PDF?

Articles in this document are placed within their respective **Topic** category. If you download a document on the Disease "**Cancers: All**" and are interested in all articles pertaining to the Substance "**Curcumin**" with regard to "**Cancers: All**", you will find them under the "**Curcumin**" sub-section underneath the **Cumulative Knowledge** section. **Topics** are sorted based on their **Cumulative Knowledge** in relation to the main topic of the download. In the previous example, it would be in relation to "**Cancers: All**". Articles are then sorted based on the articles **Published Date**. **Articles** are sorted in a descending fashion, which means that the most recent articles are displayed first. **Articles** may appear more than once in this document. For each **Topic** that an **Article** contains, it will be displayed in that sub-section. For example, if an **Article** contains the **Substances** "**Pterostilbene**" and "**Resveratrol**", the article will be displayed under each **Topic**.

Related Topics

This Topic includes articles from the following related Topics : [Vaccination: Abortion](#), [Vaccination: Adult Rubella](#), [Vaccination: Animal Model](#), [Vaccination: Anthrax](#), [Vaccination: Anti-Fertility](#), [Vaccination: BCG \(Tuberculosis\)](#), [Vaccination: Combinations](#), [Vaccination: Diphtheria-Pertussis-Tetanus](#), [Vaccination: HPV \(Gardasil\)](#), [Vaccination: Haemophilus Influenzae](#), [Vaccination: Hepatitis B](#), [Vaccination: Influenza](#), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#), [Vaccination: Plasmid DNA Vaccines](#), [Vaccination: Polio](#), [Vaccination: Rabies](#), [Vaccination: Rotavirus](#), [Vaccination: Tetanus](#), [Vaccination: Varicella \(Chicken pox\)](#)

Quick Summary: 201 Diseases

Name	Cumulative Knowledge	Article Count
Vaccine-induced Toxicity	1859	269
Measles	213	22
Influenza	212	18
Chickenpox	190	19
Sudden Infant Death Syndrome (SIDS)	162	21
Hepatitis B	158	25
Infant Mortality	137	13
Autism Spectrum Disorders	130	20
Autism	128	16
Rubella	127	15
Thrombocytopenia	126	13
Pregnancy: Vaccination	123	13
Autoimmune Diseases	120	47
Influenza A	120	9
Multiple Sclerosis	114	31
Asthma	110	7
Vaccination: Abortion	109	33
Guillain-Barre Syndrome	107	27
Myelitis	104	13
Demyelinating Diseases	99	16
Pertussis	94	13
Purpura: Thrombocytopenic	94	13
Herpes Zoster	90	9
Varicella	90	9

Mercury Poisoning	85	9
 Anthrax	84	12
 Whooping Cough	80	7
 Mumps	70	5
Systemic Lupus Erythematosus	67	18
 Arthritis	66	9
 Hemolytic Anemia	66	5
 Vasculitis	65	21
 Allergies	63	4
 H1N1 Infection	61	7
Human Papillomavirus (HPV)	61	16
 Hypersensitivity	61	4
 Allergies: Childhood	60	3
Elderly: Age Specific Diseases	60	3
 Infant Infections	60	4
 Intussusception	60	6
Upper Respiratory Infections	60	4
 Swine Flu Associated Virus	57	8
 Birth Defects	50	5
 Erythema	50	5
 Poliomyelitis	49	13
 Optic Neuritis	46	6
 Pneumococcal Infections	41	5
 Arthritis: Juvenile Idiopathic	40	4
Cold and Flu: Infants & Children	40	2
 Cystic Fibrosis	40	3
 Elevated CRP	40	4
 Gulf War Syndrome	40	4
 HPV	40	4
 Infant Chemical Exposures	40	2
Infection: In Infants & Children	40	2
 Myopericarditis	40	4
 Abortion: Spontaneous	38	20
 Rheumatoid Arthritis	37	16
 Childhood Infections	36	5
 Ear Infection	31	4
Immune Dysregulation: TH1/TH2 imbalance	31	4
 Acute Autoimmune Neuropathy	30	3
 C-Reactive Protein	30	3
 Cataract	30	3
 Corticosteroid-Induced Toxicity	30	3
 Encephalitis	30	3
Encephalopathy: Acute Necrotizing	30	3
 Febrile Seizures	30	3
 Meningitis: Viral	30	3
 Myocarditis	30	3
 Pericarditis	30	3
 Pneumonia	30	2
 Premature Birth	30	3
 Glomerulonephritis	26	4
Lupus Erythematosus: Systemic	26	4
 Seizures	26	4
 Macrophagic myofasciitis	24	13
Non-polio acute flaccid paralysis (NPAFP)	24	6
 Animal Diseases: Infectious	22	11
 Child Mortality	22	4
 Rabies	22	3

Polio	21	3
Alopecia	20	2
Anemia: Aplastic	20	2
Arthritis: Juvenile Chronic	20	2
Arthritis: Juvenile Rheumatoid	20	2
Arthritis: Rheumatoid	20	2
Atopic Disease	20	1
Autoimmune inflammatory polyneuropathy (PN)	20	2
CRP	20	2
Cardiovascular Diseases	20	2
Cervical Cancer	20	2
Diabetes Mellitus: Type 2	20	2
Gastroenteritis	20	2
Gastrointestinal Diseases	20	2
Haemophilus influenzae	20	2
Hearing Loss: Sudden	20	1
Hepatitis	20	2
Herpes: Ocular	20	2
Hypersensitivity: Immediate	20	1
Iatrogenic Disease	20	2
Inflammation	20	2
Inflammatory Bowel Diseases	20	2
Influenza B	20	1
Joint Diseases	20	2
Liver Disease	20	2
Lyme Disease	20	2
Neuropathy: Small Fiber	20	2
Pancytopenia	20	2
Pharyngeal Diseases	20	2
Pre-Eclampsia	20	2
Pregnancy Complications	20	2
Preterm Birth: Prevention	20	2
Shingles	20	2
Stroke: Prevention	20	2
Syncope	20	2
Thromboembolism	20	2
Ulcerative Colitis	20	2
Uveitis	20	2
Viremia	20	2
Animal Diseases: Porcine Circovirus Type 2 (PCV2)	17	9
Chronic Fatigue Syndrome	16	4
Guillain Barre Syndrome: Miller Fisher Variant	16	3
Tetanus	13	2
Animal Diseases: Smithburn Rift Valley Fever	12	6
Inflammatory Myopathy	11	11
Smallpox	11	2
Anaphylaxis	10	6
Breast Augmentation Complications	10	1
Cholera	10	1
Dravet syndrome	10	1
Fever	10	1
Hepatitis C	10	1
Infant Neurological Development	10	1
Miscarriage	10	1
Miscarriage: Medical Intervention	10	1
Pregnancy: Flu	10	1

Silicone Implant Toxicity	10	1
Tuberculosis	10	1
Vaccinia virus	10	1
Dermatomyositis	8	4
Acute Inflammatory Demyelinating Polyradiculoneuropathy	6	2
Acute Posterior Multifocal Placoid Pigment Epitheliopathy (APMPPE)	6	2
Aphthosis: Buccal	6	2
Bell's Palsy	6	2
Chorioretinitis	6	2
Diabetes Mellitus: Type 1	6	2
Epilepsy	6	2
Hydranencephaly	6	3
Lipoatrophy	6	2
Lupus Erythematosus: Cutaneous	6	2
Miller Fisher Syndrome	6	2
Pneumonitis	6	2
Polyradiculoneuropathy: Acute Inflammatory	6	2
Rhabdomyolysis	6	2
Rift Valley Fever	6	3
Statin-Induced Pathologies	6	2
Simian virus 40 (SV40)	5	1
Acute Flaccid Paralysis	4	4
Amygdala: Damage/Abnormalities	4	2
Animal Diseases: Scrapie	4	2
Animal Diseases: Simian Immunodeficiency Virus (SIV)	4	2
Infertility	4	2
Liver Damage	4	2
Neuritis: Brachial Plexus	4	4
Neurodevelopmental Disorders	4	2
Incontinentia Pigmenti	3	1
Leukemia Cutis	3	1
Morphea profunda	3	1
Pseudolymphoma	3	1
Psychiatric Disorders	3	1
Retroviruses	3	2
Shoulder Injuries	3	1
Aluminum Toxicity	2	2
Epstein-Barr Virus Infections	2	2
Myasthenia Gravis	2	2
Neuromuscular Diseases	2	2
Neuropathies	2	2
Oxidative Stress	2	1
Peripheral Neuropathies	2	2
Polyarteritis Nodosa	2	2
Prostate Cancer	2	1
Sarcoma	2	2
Tumors	2	2
Urinary Tract Infections	2	2
Attention Deficit Disorder	1	1
Attention Deficit Disorder with Hyperactivity	1	1
Brain Inflammation	1	1
Encephalomyelitis	1	1
Encephalopathies	1	1
Excitotoxicity	1	1

Immune Disorders: B-Cell Over-Activity	1	1
Infertility: Female	1	1
Mental Retardation	1	1
Mitochondrial Diseases	1	1
Mycoplasma Infections	1	1
Myopathy: Inflammatory	1	1
Neuromyelitis Optica	1	1
Polio: Vaccine-Related	1	1
Spongiform Encephalopathies: Transmissible	1	1
Yellow Fever	1	1

Quick Summary: 8 Adverse Pharmacological Actions

Name	Cumulative Knowledge	Article Count
Tumor necrosis factorα (TNFα) up-regulation	40	4
Immunosuppressive	20	2
Interleukin-6 up-regulation	20	2
Teratogenic	20	2
Immunotoxic	16	3
Neurotoxic	10	1
Myotoxicity	6	2
Hepatotoxic	4	2

Quick Summary: 36 Problematic Actions

Name	Cumulative Knowledge	Article Count
Vaccination: All	3540	487
Vaccination: Hepatitis B	812	118
Vaccination: Diphtheria-Pertussis-Tetanus	762	90
Vaccination: Influenza	638	79
Vaccination: Mumps-Measles-Rubella (MMR)	578	74
Vaccination: Varicella (Chicken pox)	338	50
Vaccination: Polio	239	35
Vaccination: HPV (Gardasil)	219	35
Vaccination: Measles	175	22
Vaccination: Pertussis	166	20
Vaccination: Tetanus	144	28
Vaccination: Anthrax	124	16
Vaccination: Haemophilus Influenzae	92	20
Vaccination: Combinations	90	9
Vaccination: Animal Model	86	40
Vaccination: BCG (Tuberculosis)	86	10
Vaccination: Rotavirus	75	21
Vaccination: Adult Rubella	73	16
Vaccination: Smallpox	61	7
Vaccination: Diphtheria	50	4
Vaccination: Pneumococcal	41	5
Vaccination: Lyme disease	31	13
Vaccination: Oral Polio Vaccine	20	2
Vaccination: Oral Polio Vaccine, Bivalent	20	2
Vaccination: Rabies	17	16
Obstetric Interventions	10	1
Vaccination: Cholera	10	1
Vaccination: Hexavalent	6	2
Vaccination: Nasal	6	2
Vaccination: Plasmid DNA Vaccines	6	4
Vaccination: Anti-Fertility	2	2
Vaccination: Yellow Fever	2	2
Genetically Modified Organisms	1	1

Vaccination: Conjugate Vaccines	1	1
Vaccination: GMO Vaccines	1	1
Vaccination: Streptococcus Pneumoniae	1	1

Total Distinct Articles in this Document - 307

Category: Diseases

Topic: [Vaccine-induced Toxicity](#)

[38,787 adverse events including infant death \(highest in 1-3 month olds\) after vaccination were reported between 1991-1994. \(The authors speciously claim SIDS and not vaccination caused these deaths\). - GMI Summary](#)

Pubmed Data : J Pediatr. 1997 Oct;131(4):529-35. PMID: [9386653](#)

Article Published Date : Oct 01, 1997

Authors : M M Braun, S S Ellenberg

Study Type : Meta Analysis

Additional Links

Diseases : [Hearing Loss: Sudden : CK\(30\) : AC\(3\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[DTP or tetanus vaccination increases the risk of allergies and related respiratory symptoms in children and adolescents. - GMI Summary](#)

Pubmed Data : J Manipulative Physiol Ther. 2000 Feb;23(2):81-90. PMID: [10714532](#)

Article Published Date : Feb 01, 2000

Authors : E L Hurwitz, H Morgenstern

Study Type : Meta Analysis

Additional Links

Diseases : [Allergies : CK\(502\) : AC\(92\)](#), [Allergies: Childhood : CK\(70\) : AC\(5\)](#), [Asthma : CK\(918\) : AC\(134\)](#), [Hypersensitivity : CK\(64\) : AC\(15\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Neonate exposure to thimerosal mercury from hepatitis B vaccines may be a significant problem. - GMI Summary](#)

Pubmed Data : AmJ Perinatol. 2009 Aug;26(7):523-7. Epub 2009 Mar 12. PMID: [19283656](#)

Article Published Date : Aug 01, 2009

Authors : José G Dórea, Rejane C Marques, Katiane G Brandão

Study Type : Meta Analysis

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Infant Chemical Exposures : CK\(162\) : AC\(22\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Over 1,000 confirmed cases of vaccine-induced thrombocytopenia were reported between 1990-2008. - GMI Summary](#)

Pubmed Data : Vaccine. 2010 Nov 29. Epub 2010 Nov 29. PMID: [21126606](#)

Article Published Date : Nov 29, 2010

Authors : Emily Jane Woo, Robert P Wise, David Menschik, Sean V Shadomy, John Iskander, Judy Beeler, Frederick Varricchio, Robert Ball

Study Type : Meta Analysis

Additional Links

Diseases : [Thrombocytopenia](#) : CK(800) : AC(25), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)
Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Over 600 cases of sudden infant death syndrome following vaccination were reported from 1990-1997.](#) - GMI Summary

Pubmed Data : Pharmacoepidemiol Drug Saf. 2001 Jun-Jul;10(4):279-85. PMID: [11760487](#)

Article Published Date : Jun 01, 2001

Authors : L E Silvers, S S Ellenberg, R P Wise, F E Varricchio, G T Mootrey, M E Salive

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Mortality](#) : CK(229) : AC(23), [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[The risk of adverse events from the pertussis outweighed the risk of pertussis infection during the period of 1970-83 in children living in non-deprived circumsatnces in Britain.](#) - GMI Summary

Pubmed Data : Dev Biol Stand. 1985;61:395-405. PMID: [3835080](#)

Article Published Date : Jan 01, 1985

Authors : G T Stewart

Study Type : Meta Analysis

Additional Links

Diseases : [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Whooping Cough](#) : CK(66) : AC(7)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Pertussis](#) : CK(116) : AC(14)

[There is a highly statistically significant correlation between increasing number of vaccine doses and increasing infant mortality rates.](#) - GMI Summary

Pubmed Data : Hum Exp Toxicol. 2011 May 4. Epub 2011 May 4. PMID: [21543527](#)

Article Published Date : May 04, 2011

Authors : Neil Z Miller, Gary S Goldman

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Mortality](#) : CK(229) : AC(23), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Thimerosal-containing vaccines are associated with autism prevalence and measles-containing vaccines are associated with serious neurological disorders.](#) - GMI Summary

Pubmed Data : Med Sci Monit. 2004 Mar;10(3):PI33-9. Epub 2004 Mar 1. PMID: [14976450](#)

Article Published Date : Mar 01, 2004

Authors : David A Geier, Mark R Geier

Study Type : Meta Analysis

Additional Links

Diseases : [Autism](#) : CK(1262) : AC(65), [Autism Spectrum Disorders](#) : CK(1140) : AC(108), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

[Vaccination in infants less than 3 months is associated with an increased risk of sudden infant death syndrome.](#) - GMI Summary

Pubmed Data : Fundam Clin Pharmacol. 1995;9(3):263-70. PMID: [7557822](#)

Article Published Date : Jan 01, 1995

Authors : A P Jonville-Bera, E Autret, J Laugier

Study Type : Meta Analysis

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Vaccination is associated with a rare autoimmune neurological condition transverse myelitis.](#) - GMI Summary

Pubmed Data : Lupus. 2009 Nov;18(13):1198-204. PMID: [19880568](#)

Article Published Date : Nov 01, 2009

Authors : N Agmon-Levin, S Kivity, M Szyper-Kravitz, Y Shoenfeld

Study Type : Meta Analysis

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Vaccination is associated with an increased risk for hemolytic anemia.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7394-7. Epub 2009 Sep 18. PMID: [19766577](#)

Article Published Date : Dec 09, 2009

Authors : Allison L Naleway, Edward A Belongia, James G Donahue, Burney A Kieke, Jason M Glanz,

Study Type : Meta Analysis

Additional Links

Diseases : [Hemolytic Anemia : CK\(75\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[A modified self-controlled case series method links multidose vaccinations to sudden unexpected death.](#) - GMI Summary

Pubmed Data : Stat Med. 2011 Mar 15;30(6):666-77. Epub 2010 Nov 30. PMID: [21337361](#)

Article Published Date : Mar 15, 2011

Authors : Ronny Kuhnert, Hartmut Hecker, Christina Poethko-Müller, Martin Schlaud, Mechtild Vennemann, Heather J Whitaker, C Paddy Farrington

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Acute necrotizing encephalopathy secondary to diphtheria, tetanus toxoid and whole-cell pertussis vaccination has been reported.](#) - GMI Summary

Pubmed Data : Pediatr Radiol. 2010 Jul;40(7):1281-4. Epub 2010 Jan 30. PMID: [20119724](#)

Article Published Date : Jul 01, 2010

Authors : Hale Aydin, Esra Ozgul, Ahmet Muhtesem Agildere

Study Type : Human Study

Additional Links

Diseases : [Encephalopathy: Acute Necrotizing : CK\(20\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Adverse effects of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis vaccine in 6- to 7-year-old children.](#) - GMI Summary

Pubmed Data : Pediatr Neonatol. 2011 Feb;52(1):38-41. Epub 2011 Feb 17. PMID: [21385656](#)

Article Published Date : Feb 01, 2011

Authors : Sung-Hsi Wei, Yen-Nan Chao, Song-En Huang, Tsuey-Feng Lee, Luan-Yin Chang

Study Type : Human Study

Additional Links

Diseases : [Tetanus](#) : CK(32) : AC(5), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

[Among female infants, those who receive both BCG and DTP vaccines experience higher mortality than those who receive only one of the two vaccines.](#) - GMI

Summary

Pubmed Data : Trop Med Int Health. 2005 Oct;10(10):947-55. PMID: [16185228](#)

Article Published Date : Oct 01, 2005

Authors : Lawrence H Moulton, Lakshmi Rahmathullah, Neal A Halsey, R D Thulasiraj, Joanne Katz, James M Tielsch

Study Type : Human Study

Additional Links

Diseases : [Infant Mortality](#) : CK(229) : AC(23), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: BCG \(Tuberculosis\)](#) : CK(33) : AC(4), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

[An Italian study found that 61% of women experienced an adverse event after the administration of the first dose of HPV vaccine.](#) - GMI Summary

Pubmed Data : Recenti Prog Med. 2013 Jun ;104(6):262-6. PMID: [23801230](#)

Article Published Date : May 31, 2013

Authors : Stefania Spila-Alegiani, Roberto Da Cas, Cristina Giambi, Roberto Raschetti, Stefania Salmaso

Study Type : Human Study

Additional Links

Diseases : [Human Papillomavirus \(HPV\)](#) : CK(153) : AC(22), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13)

[Autistic children have elevated levels of measles antibodies indicating that measles vaccination may be causing autoimmunity in these children.](#) - GMI Summary

Summary

Pubmed Data : Pediatr Neurol. 2003 Apr;28(4):292-4. PMID: [12849883](#)

Article Published Date : Apr 01, 2003

Authors : Vijendra K Singh, Ryan L Jensen

Study Type : Human Study

Additional Links

Diseases : [Autism Spectrum Disorders](#) : CK(1140) : AC(108), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

[Birth defects are more common in pregnant women who received the anthrax vaccine during their first trimester versus later in pregnancy.](#) - GMI Summary

Pubmed Data : Am J Epidemiol. 2008 Aug 15 ;168(4):434-42. Epub 2008 Jul 2. PMID: [18599489](#)

Article Published Date : Aug 15, 2008

Authors : Margaret A K Ryan, Tyler C Smith, Carter J Sevick, William K Honner, Rosha A Loach, Cynthia A Moore, J David Erickson

Study Type : Human Study

Additional Links

Diseases : [Anthrax](#) : CK(43) : AC(6), [Birth Defects](#) : CK(196) : AC(37), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Anthrax](#) : CK(62) : AC(8)

Adverse Pharmacological Actions : [Teratogenic](#) : CK(304) : AC(59)

[Breastfeeding attenuates reductions in energy intake induced by a mild](#)

[immunologic stimulus represented by DPTH immunization.](#) - GMI Summary

Pubmed Data : J Nutr. 2002 Jun;132(6):1293-8. PMID: [12042449](#)

Article Published Date : Jun 01, 2002

Authors : Mardya López-Alarcón, Cutberto Garza, Jean-Pierre Habicht, Lourdes Martínez, Virginia Pegueros, Salvador Villalpando

Study Type : Human Study

Additional Links

Substances : [Breast Milk](#) : CK(428) : AC(49)

Diseases : [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Therapeutic Actions : [Breastfeeding](#) : CK(708) : AC(67)

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor](#) : CK(971) : AC(348)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

[Breastfeeding is associated with a decreased incidence of fever after immunizations.](#) - GMI Summary

Pubmed Data : Pediatrics. 2010 Jun;125(6):e1448-52. Epub 2010 May 17. PMID: [20478932](#)

Article Published Date : Jun 01, 2010

Authors : Alfredo Pisacane, Paola Continisio, Orsola Palma, Stefania Cataldo, Fabiola De Michele, Ugo Vairo

Study Type : Human Study

Additional Links

Substances : [Breast Milk](#) : CK(428) : AC(49)

Diseases : [Fever](#) : CK(77) : AC(14), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Therapeutic Actions : [Breastfeeding](#) : CK(708) : AC(67)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Children vaccinated with MMR before age 10 are at significantly higher risk of multiple sclerosis.](#) - GMI Summary

Pubmed Data : Eur J Epidemiol. 2009;24(9):541-52. Epub 2009 Jul 26. PMID: [19633994](#)

Article Published Date : Jan 01, 2009

Authors : Cecilia Ahlgren, Kjell Torén, Anders Odén, Oluf Andersen

Study Type : Human Study

Additional Links

Diseases : [Multiple Sclerosis](#) : CK(716) : AC(133), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

[Chronic fatigue syndrome may be associated with silicone implants and/or vaccinations.](#) - GMI Summary

Pubmed Data : Autoimmun Rev. 2008 Oct;8(1):52-5. Epub 2008 Aug 24. PMID: [18725327](#)

Article Published Date : Oct 01, 2008

Authors : Agmon-Levin Nancy, Yehuda Shoenfeld

Study Type : Human Study

Additional Links

Diseases : [Breast Augmentation Complications](#) : CK(32) : AC(4), [Chronic Fatigue Syndrome](#) : CK(397) : AC(28), [Hepatitis B](#) : CK(226) : AC(39), [Silicone Implant Toxicity](#) : CK(10) : AC(1), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Silicone Implants](#) : CK(10) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Combined MMR and varicella live vaccine is associated with higher rates of febrile convulsion than giving the vaccines separately.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Jul 23;27(34):4656-61. Epub 2009 Jun 9. PMID: [19520201](#)

Article Published Date : Jul 23, 2009

Authors : Steven J Jacobsen, Bradley K Ackerson, Lina S Sy, Trung N Tran, Tonia L Jones, Janis F Yao,

Fagen Xie, T Craig Cheetham, Patricia Saddier

Study Type : Human Study

Additional Links

Diseases : [Febrile Seizures : CK\(83\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Congenital malformation is a possible consequence of rubella vaccination during pregnancy.](#) - GMI Summary

Pubmed Data : JAMA. 1981 Sep 25;246(13):1413-7. PMID: [7265443](#)

Article Published Date : Sep 25, 1981

Authors : S R Preblud, H C Stetler, J A Frank, W L Greaves, A R Hinman, K L Herrmann

Study Type : Human Study

Additional Links

Diseases : [Birth Defects : CK\(196\) : AC\(37\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[CRP level in infants is elevated in the 48 hours following immunization.](#) - GMI Summary

Pubmed Data : J Pediatr. 2007 Aug ;151(2):167-72. Epub 2007 Jun 22. PMID: [17643770](#)

Article Published Date : Aug 01, 2007

Authors : Massroor Pourcyrus, Sheldon B Korones, Kristopher L Arheart, Henrietta S Bada

Study Type : Human Study

Additional Links

Diseases : [C-Reactive Protein : CK\(819\) : AC\(74\)](#), [Premature Birth : CK\(412\) : AC\(43\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Multiple Vaccines : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Diphtheria-tetanus-pertussis vaccine administered simultaneously with measles vaccine is associated with increased morbidity and poor growth in girls.](#) - GMI Summary

Pubmed Data : Vaccine. 2011 Jan 10;29(3):487-500. Epub 2010 Nov 18. PMID: [21093496](#)

Article Published Date : Jan 10, 2011

Authors : J Agergaard, E Nante, G Poulstrup, J Nielsen, K L Flanagan, L Østergaard, C S Benn, P Aaby

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Combinations : CK\(20\) : AC\(2\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Diphtheria-tetanus-peteruss vaccines increase child mortality in rural Guinea-Bissau.](#) - GMI Summary

Pubmed Data : Int J Epidemiol. 2004 Apr;33(2):374-80. PMID: [15082643](#)

Article Published Date : Apr 01, 2004

Authors : Peter Aaby, Henrik Jensen, Joaquim Gomes, Manual Fernandes, Ida Maria Lisse

Study Type : Human Study

Additional Links

Diseases : [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[DPT vaccines have been associated with recurrent seizures.](#) - GMI Summary

Pubmed Data : Am J Dis Child. 1984 Oct;138(10):908-11. PMID: [6206715](#)

Article Published Date : Oct 01, 1984

Authors : J V Murphy, L D Sarff, K M Marquardt

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Seizures : CK\(122\) : AC\(28\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Even though 95% of the children had measles antibodies after vaccination, vaccine efficacy was not more than 68%. - GMI Summary](#)

Pubmed Data : J Infect Dis. 1990 Nov ;162(5):1043-8. PMID: [2230232](#)

Article Published Date : Oct 31, 1990

Authors : P Aaby, K Knudsen, T G Jensen, J Thårup, A Poulsen, M Sodemann, M C da Silva, H Whittle

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Antibody Theory Of Vaccinology : CK\(35\) : AC\(5\)](#), [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Evidence exists demonstrating that diphtheria-tetanus-pertussis \(DTP\) vaccines increase mortality in children. - GMI Summary](#)

Pubmed Data : Trop Med Int Health. 2007 Jan;12(1):15-24. PMID: [17207144](#)

Article Published Date : Jan 01, 2007

Authors : Peter Aaby, Christine Stabell Benn, Jens Nielsen, Ida Maria Lisse, Amabelia Rodrigues, Henrik Jensen

Study Type : Human Study

Additional Links

Diseases : [Child Mortality : CK\(64\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclampsia and adverse outcomes such as preterm birth. - GMI Summary](#)

Pubmed Data : Vaccine. 2011 Sep 20. Epub 2011 Sep 20. PMID: [21945263](#)

Article Published Date : Sep 20, 2011

Authors : Lisa M Christian, Jay D Iams, Kyle Porter, Ronald Glaser

Study Type : Human Study

Additional Links

Diseases : [CRP : CK\(30\) : AC\(3\)](#), [Elevated CRP : CK\(72\) : AC\(8\)](#), [Pre-Eclampsia : CK\(309\) : AC\(33\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Pregnancy Complications : CK\(166\) : AC\(19\)](#), [Preterm Birth: Prevention : CK\(111\) : AC\(9\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Interleukin-6 up-regulation : CK\(14\) : AC\(3\)](#), [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

[Hair mercury in breast-fed infants exposed to thimerosal-preserved vaccines indicates significant levels of exposure. - GMI Summary](#)

Pubmed Data : Eur J Pediatr. 2007 Sep;166(9):935-41. Epub 2007 Jan 20. PMID: [17237965](#)

Article Published Date : Sep 01, 2007

Authors : Rejane C Marques, José G Dórea, Márlon F Fonseca, Wanderley R Bastos, Olaf Malm

Study Type : Human Study

Additional Links

Diseases : [Mercury Poisoning](#) : CK(162) : AC(44), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)
Therapeutic Actions : [Breastfeeding](#) : CK(708) : AC(67)
Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Hepatitis B vaccination may contribute to autoimmune demyelinating complications due to immunological cross-reactivity between Hepatitis B virus surface antigen and myelin basic protein.](#) - GMI Summary

Pubmed Data : Clin Dev Immunol. 2005 Sep;12(3):217-24. PMID: [16295528](#)

Article Published Date : Sep 01, 2005

Authors : Dimitrios-Petrou Bogdanos, Heather Smith, Yun Ma, Harold Baum, Giorgina Mieli-Vergani, Diego Vergani

Study Type : Human Study

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Demyelinating Diseases](#) : CK(1278) : AC(250), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Hepatitis B Vaccine](#) : CK(30) : AC(2), [Molecular Mimicry](#) : CK(47) : AC(10)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Hepatitis B vaccination was statistically associated with gastrointestinal reactions including: hepatitis, gastrointestinal disease and liver function test abnormalities.](#) - GMI Summary

Pubmed Data : Hepatogastroenterology. 2002 Nov-Dec;49(48):1571-5. PMID: [12397738](#)

Article Published Date : Nov 01, 2002

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Gastrointestinal Diseases](#) : CK(38) : AC(14), [Hepatitis](#) : CK(64) : AC(23), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Hepatitis B vaccine is associated with an increased risk of liver problems in U.S. children less than 6 years old, 1993 and 1994.](#) - GMI Summary

Pubmed Data : Epidemiology. 1999 May;10(3):337-9. PMID: [10230847](#)

Article Published Date : May 01, 1999

Authors : M A Fisher, S A Eklund

Study Type : Human Study

Additional Links

Diseases : [Liver Disease](#) : CK(112) : AC(31), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Hepatitis B vaccine is associated with an increased risk of multiple sclerosis.](#) - GMI Summary

Pubmed Data : Neurology. 2004 Sep 14;63(5):838-42. PMID: [15365133](#)

Article Published Date : Sep 14, 2004

Authors : Miguel A Hernán, Susan S Jick, Michael J Olek, Hershel Jick

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases](#) : CK(1278) : AC(250), [Hepatitis B](#) : CK(226) : AC(39), [Multiple Sclerosis](#) : CK(716) : AC(133), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Hepatitis B Vaccine](#) : CK(30) : AC(2)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Hepatitis B vaccine may have a possible association with the development of](#)

[uveitis in some patients.](#) - GMI Summary

Pubmed Data : Cutan Ocul Toxicol. 2010 Mar;29(1):26-9. PMID: [19947819](#)

Article Published Date : Mar 01, 2010

Authors : Frederick W Fraunfelder, Eric B Suhler, Frederick T Fraunfelder

Study Type : Human Study

Additional Links

Diseases : [Uveitis : CK\(63\) : AC\(10\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis C prevalence in Southern Italy may be due to iatrogenic transmission through the Salk Polio vaccine 1956-1965.](#) - GMI Summary

Pubmed Data : J Med Virol. 2003 May;70(1):49-50. PMID: [12629643](#)

Article Published Date : May 01, 2003

Authors : Maurizio Montella, Anna Crispo, Maria Grimaldi, Vincenzo Tridente, Mario Fusco

Study Type : Human Study

Additional Links

Diseases : [Hepatitis C : CK\(403\) : AC\(62\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[High titre measles vaccination increases female mortality in those receiving immunization in West Africa.](#) - GMI Summary

Pubmed Data : Int J Epidemiol. 1996 Jun;25(3):665-73. PMID: [8671571](#)

Article Published Date : Jun 01, 1996

Authors : K M Knudsen, P Aaby, H Whittle, M Rowe, B Samb, F Simondon, J Sterne, P Fine

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Human Papilloma Virus \(HPV\) vaccine is associated with demyelinating events.](#) - GMI Summary

Pubmed Data : Mult Scler. 2009 Jan;15(1):116-9. Epub 2008 Sep 19. PMID: [18805844](#)

Article Published Date : Jan 01, 2009

Authors : I Sutton, R Lahoria, Il Tan, P Clouston, Mh Barnett

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [HPV : CK\(31\) : AC\(4\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [HPV Vaccine : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[In one study on rubella vaccination in 19 pregnant women, 9 aborted, 8 induced and 1 spontaneously.](#) - GMI Summary

Pubmed Data : Int Ophthalmol Clin. 1975;15(4):229-41. PMID: [773881](#)

Article Published Date : Jan 01, 1975

Authors : V Boniuk

Study Type : Human Study

Additional Links

Diseases : [Cataract : CK\(182\) : AC\(55\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

In the US the highest number of cases of Guillain-Barre syndrome are associated with influenza and hepatitis B vaccines. - GMI Summary

Pubmed Data : J Clin Neuromuscul Dis. 2009 Sep;11(1):1-6. PMID: [19730016](#)

Article Published Date : Sep 01, 2009

Authors : Nizar Souayah, Abu Nasar, M Fareed K Suri, Adnan I Qureshi

Study Type : Human Study

Additional Links

Diseases : [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48), [Vaccination: Influenza](#) : CK(356) : AC(37)

Incidence of adverse reactions to vaccines in pediatric populations are under-reported and may be as high as 43.4% for certain vaccine combinations. - GMI Summary

Pubmed Data : Clin Drug Investig. 2004;24(8):457-63. PMID: [17523706](#)

Article Published Date : Jan 01, 2004

Authors : Pilar Carrasco-Garrido, Carmen Gallardo-Pino, Rodrigo Jiménez-García, Miguel A Tapias, Angel Gil de Miguel

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

Increasing varicella vaccine coverage in Australia between 1998-2009 corresponds with increased levels of herpes zoster (shingles) cases managed in the same time period. - GMI Summary

Pubmed Data : Med J Aust. 2010 Jul 19;193(2):110-3. PMID: [20642419](#)

Article Published Date : Jul 19, 2010

Authors : Mark R Nelson, Helena C Britt, Christopher M Harrison

Study Type : Human Study

Additional Links

Diseases : [Chickenpox](#) : CK(80) : AC(8), [Herpes Zoster](#) : CK(470) : AC(35), [Shingles](#) : CK(521) : AC(33), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Chicken Pox \(Varicella\) Shingles \(Herpes Zoster\) Connection](#) : CK(20) : AC(2)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

Influenza A vaccination containing adjuvant causes cardiac autonomic dysfunction and inflammation which may transiently increase the risk of cardiovascular events. - GMI Summary

Pubmed Data : J Intern Med. 2010 Sep 1. Epub 2010 Sep 1. PMID: [20964738](#)

Article Published Date : Sep 01, 2010

Authors : Gaetano A Lanza, Lucy Barone, Giancarla Scalone, Dario Pitocco, Gregory A Sgueglia, Roberto Mollo, Roberto Nerla, Francesco Zaccardi, Giovanni Ghirlanda, Filippo Crea

Study Type : Human Study

Additional Links

Diseases : [C-Reactive Protein](#) : CK(819) : AC(74), [Cardiovascular Diseases](#) : CK(5138) : AC(641), [Diabetes Mellitus: Type 2](#) : CK(3492) : AC(341), [Influenza A](#) : CK(305) : AC(73), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Pharmacological Actions : [Interleukin-6 upregulation](#) : CK(26) : AC(7)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

Influenza vaccination may increase the risk of Guillain-Barré Syndrome. - GMI Summary

Pubmed Data : Kidney Int. 2008 Dec;74(11):1461-7. Epub 2008 Sep 24. PMID: [18592444](#)

Article Published Date : Dec 01, 2008

Authors : C I Blanco-Marchite, L Buznego-Suárez, M A Fagúndez-Vargas, M Méndez-Llatas, P Pozo-Martos

Study Type : Human Study

Additional Links

Diseases : [Guillain Barre Syndrome: Miller Fisher Variant : CK\(13\) : AC\(2\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Influenza vaccines may be causing vasculitis. - GMI Summary](#)

Pubmed Data : J Ethnopharmacol. 2000 Aug;71(3):457-63. PMID: [19734734](#)

Article Published Date : Aug 01, 2000

Authors : Rainer Birck, Isabelle Kaelsch, Peter Schnuelle, Luis Felipe Flores-Suárez, Rainer Nowack

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza vaccines were not shown to be effective among children 6 to 59 months of age during 2 influenza seasons. - GMI Summary](#)

Pubmed Data : Anticancer Res. 2009 Nov;29(11):4629-32. PMID: [18838647](#)

Article Published Date : Nov 01, 2009

Authors : Peter G Szilagyi, Gerry Fairbrother, Marie R Griffin, Richard W Hornung, Stephanie Donauer, Ardythe Morrow, Mekibib Altaye, Yuwei Zhu, Sandra Ambrose, Kathryn M Edwards, Katherine A Poehling, Geraldine Lofthus, Michol Holloway, Lyn Finelli, Marika Iwane, Mary Allen Staat,

Study Type : Human Study

Additional Links

Diseases : [Childhood Infections : CK\(275\) : AC\(29\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Injection site reactions occur in 28% of those who receive the anthrax vaccine, with women having twice the incidence of reaction versus men. - GMI Summary](#)

Pubmed Data : Pharmacoepidemiol Drug Saf. 2007 Mar ;16(3):259-74. PMID: [17245803](#)

Article Published Date : Mar 01, 2007

Authors : Michael M McNeil, I-Shan Chiang, John T Wheeling, Yujia Zhang

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Gender Differences : CK\(63\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[Live attenuated influenza vaccines may cause shedding of the virus in children 6-59 months. - GMI Summary](#)

Pubmed Data : Vaccine. 2011 Apr 20. Epub 2011 Apr 20. PMID: [21513761](#)

Article Published Date : Apr 20, 2011

Authors : Raburn M Mallory, Tingting Yi, Christopher S Ambrose

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Measles virus DNA from the MMR vaccine has been found in peripheral](#)

mononuclear cells in patients with ulcerative colitis and children with autism, indicating its possible role in the pathogenesis of these disorders. - GMI

Summary

Pubmed Data : Dig Dis Sci. 2000 Apr;45(4):723-9. PMID: [10759242](#)

Article Published Date : Apr 01, 2000

Authors : H Kawashima, T Mori, Y Kashiwagi, K Takekuma, A Hoshika, A Wakefield

Study Type : Human Study

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Inflammatory Bowel Diseases : CK\(1227\) : AC\(103\)](#), [Ulcerative Colitis : CK\(429\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Measles-mumps-rubella vaccine that is given in the second year of life is associated with an increased risk of immune thrombocytopenia purpura. - GMI

Summary

Pubmed Data : Pediatrics. 2008 Mar;121(3):e687-92. PMID: [18310189](#)

Article Published Date : Mar 01, 2008

Authors : Eric K France, Jason Glanz, Stanley Xu, Simon Hambidge, Kristi Yamasaki, Steve B Black, Michael Marcy, John P Mullooly, Lisa A Jackson, James Nordin, Edward A Belongia, K Hohman, Robert T Chen, Robert Davis,

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Noticeable adverse reactions to the HPV vaccine occurred in 22% of those polled. - GMI Summary

Pubmed Data : Aten Primaria. 2010 Dec 14. Epub 2010 Dec 14. PMID: [21163554](#)

Article Published Date : Dec 14, 2010

Authors : M Amparo Torrecilla Rojas, Miguel Pedregal González, Fermín García Rodríguez, Josefa Ruiz Fernández

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

Paralytic poliomyelitis associated with bivalent oral polio vaccines occurs at a rate over up to 70-fold higher than monovalent oral polio vaccine in Hungary. - GMI Summary

Pubmed Data : Am J Epidemiol. 2011 Aug 1 ;174(3):316-25. Epub 2011 Jun 17. PMID: [21685412](#)

Article Published Date : Jul 31, 2011

Authors : Concepción F Estívariz, Zsuzsanna Molnár, Linda Venczel, Beatrix Kapusinszky, James A Zingeser, Galina Y Lipskaya, Olen M Kew, György Berencsi, Agnes Csohán

Study Type : Human Study

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Oral Polio Vaccine : CK\(10\) : AC\(1\)](#), [Vaccination: Oral Polio Vaccine, Bivalent : CK\(10\) : AC\(1\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Pertussis vaccination may activate a genetic predisposition for encephalopathy in susceptible individuals. - GMI Summary

Pubmed Data : Cytotechnology. 2002 Nov;40(1-3):139-49. PMID: [20447868](#)

Article Published Date : Nov 01, 2002

Authors : Anne M McIntosh, Jacinta McMahon, Leanne M Dibbens, Xenia Iona, John C Mulley, Ingrid E Scheffer, Samuel F Berkovic

Study Type : Human Study

Additional Links

Diseases : [Dravet syndrome : CK\(30\) : AC\(3\)](#), [Encephalitis : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Pertussis vaccine has been linked to hypotonic-hyporesponsive episodes \(HHE\) in infants and children.](#) - GMI Summary

Pubmed Data : Drug Saf. 2002;25(2):85-90. PMID: [11888351](#)

Article Published Date : Jan 01, 2002

Authors : Michael S Gold

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Rates of intussusception associated with rotavirus vaccines may be significantly underestimated.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2009 Nov 1;200 Suppl 1:S264-70. PMID: [19817607](#)

Article Published Date : Nov 01, 2009

Authors : Margaret M Cortese, Mary Allen Staat, Geoffrey A Weinberg, Kathryn Edwards, Marilyn A Rice, Peter G Szilagyi, Caroline B Hall, Daniel C Payne, Umesh D Parashar

Study Type : Human Study

Additional Links

Diseases : [Intussusception : CK\(30\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[Rotavirus vaccination has been associated with increased risk for gastroenteritis and intussusception.](#) - GMI Summary

Pubmed Data : Pediatrics. 2004 Apr;113(4):e353-9. PMID: [15060267](#)

Article Published Date : Apr 01, 2004

Authors : Penina Haber, Robert T Chen, Lynn R Zanardi, Gina T Mootrey, Roseanne English, M Miles Braun,

Study Type : Human Study

Additional Links

Diseases : [Gastroenteritis : CK\(96\) : AC\(11\)](#), [Intussusception : CK\(30\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[Rotavirus vaccinations have a history of causing adverse effects such as intussusception.](#) - GMI Summary

Pubmed Data : Pediatrics. 2001 Jun;107(6):E97. PMID: [11389295](#)

Article Published Date : Jun 01, 2001

Authors : L R Zanardi, P Haber, G T Mootrey, M T Niu, M Wharton

Study Type : Human Study

Additional Links

Diseases : [Intussusception : CK\(30\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[Serious adverse events associated with whole cell pertussis vaccine, e.g. sudden infant death syndrome and encephalopathy, may have occurred in metabolically vulnerable children.](#) - GMI Summary

Pubmed Data : Pharmazie. 2007 Apr;62(4):299-304. PMID: [19660877](#)

Article Published Date : Apr 01, 2007

Authors : Kumanan Wilson, Beth Potter, Douglas Manuel, Jennifer Keelan, Pranesh Chakraborty

Study Type : Human Study

Additional Links

Diseases : [Encephalopathy: Acute Necrotizing](#) : CK(20) : AC(2), [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Pertussis](#) : CK(116) : AC(14)

[Smallpox vaccine caused iatrogenic vaccinia in children in Russia.](#) - GMI Summary

Pubmed Data : Zh Mikrobiol Epidemiol Immunobiol. 2001 Mar-Apr(2):40-5. PMID: [11548257](#)

Article Published Date : Mar 01, 2001

Authors : G G Onishchenko, V I Markov, V N Ustiushin, S V Borisevich, G I Kuznetsova, S Ia Loginova, A M Berezhnoĭ, N T Vasil'ev, V A Maksimov, A A Makhlaĭ

Study Type : Human Study

Additional Links

Diseases : [Smallpox](#) : CK(23) : AC(4), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Vaccinia virus](#) : CK(22) : AC(4)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Smallpox](#) : CK(71) : AC(8)

[Sudden Infant Death syndrome mortality rate in the period zero to three days following DTP was found to be 7.3 times higher than in the period 30 days after immunization.](#) - GMI Summary

Pubmed Data : Am J Public Health. 1987 Aug;77(8):945-51. PMID: [3496805](#)

Article Published Date : Aug 01, 1987

Authors : A M Walker, H Jick, D R Perera, R S Thompson, T A Knauss

Study Type : Human Study

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

[Swine and influenza vaccines induce anti-ganglioside antibodies associated with autoimmune neuropathies such as Guillain-Barre syndrome.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2008 Jul 15;198(2):226-33. PMID: [18522505](#)

Article Published Date : Jul 15, 2008

Authors : Irving Nachamkin, Sean V Shadomy, Anthony P Moran, Nancy Cox, Collette Fitzgerald, Huong Ung, Adrian T Corcoran, John K Iskander, Lawrence B Schonberger, Robert T Chen

Study Type : Human Study

Additional Links

Diseases : [Acute Autoimmune Neuropathy](#) : CK(104) : AC(2), [Autoimmune Diseases](#) : CK(5317) : AC(779), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Influenza](#) : CK(654) : AC(102), [Swine Flu Associated Virus](#) : CK(156) : AC(33), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Influenza Vaccine](#) : CK(10) : AC(1), [Swine Flu Vaccine](#) : CK(10) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Symptomatic Gulf War Syndrome is strongly associated with the presence of autoantibodies to squalene, an adjuvant used in vaccines.](#) - GMI Summary

Pubmed Data : Exp Mol Pathol. 2000 Feb;68(1):55-64. PMID: [10640454](#)

Article Published Date : Feb 01, 2000

Authors : P B Asa, Y Cao, R F Garry

Study Type : Human Study

Additional Links

Diseases : [Gulf War Syndrome : CK\(33\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[The anthrax vaccine is one of the most reactogenic vaccines reported in the Vaccine Adverse Events Reporting System \(VAERS\) database.](#) - GMI Summary

Pubmed Data : Hepatogastroenterology. 2004 May-Jun;51(57):762-7. PMID: [15143911](#)

Article Published Date : May 01, 2004

Authors : Mark R Geier, David A Geier

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[The association with DTwP vaccines and increased infant mortality in females may be due to vaccine adjuvants and Th2 polarizing effects.](#) - GMI Summary

Pubmed Data : J Trop Med. 2011 ;2011:706304. Epub 2011 May 5. PMID: [21760811](#)

Article Published Date : Jan 01, 2011

Authors : Mogens Helweg Claesson

Study Type : Human Study

Additional Links

Diseases : [Immune Dysregulation: TH1/TH2 imbalance : CK\(146\) : AC\(36\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Diphtheria : CK\(50\) : AC\(2\)](#)

Problem Substances : [Adjuvant : CK\(18\) : AC\(6\)](#), [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

[There is a positive association between autism prevalence and childhood vaccination uptake across the U.S. population.](#) - GMI Summary

Pubmed Data : J Toxicol Environ Health A. 2011 Jan ;74(14):903-16. PMID: [21623535](#)

Article Published Date : Jan 01, 2011

Authors : Gayle DeLong

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[There were 69 reports of Guillain-Barré Syndrome \(GBS\) after Gardasil vaccination that occurred in the United States between 2006 and 2009.](#) - GMI Summary

Pubmed Data : Vaccine. 2010 Sep 23. Epub 2010 Sep 23. PMID: [20869467](#)

Article Published Date : Sep 23, 2010

Authors : Nizar Souayah, P A Michas-Martin, Abu Nasar, Nataliya Krivitskaya, Hussam A Yacoub, Hafiz Khan, Adnan I Qureshi

Study Type : Human Study

Additional Links

Diseases : [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

Thirty-five percent of children with juvenile idiopathic arthritis experienced flare of the disease after vaccination. - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2012 Mar 15. Epub 2012 Mar 15. PMID: [22513085](#)

Article Published Date : Mar 15, 2012

Authors : Natasa Toplak, Vesna Subelj, Tanja Kveder, Sasa Cucnik, Katarina Proscenc, Alenka Trampus-Bakija, Ljupco Todorovski, Tadej Avcin

Study Type : Human Study

Additional Links

Diseases : [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

Thrombocytopenic purpura following vaccination in early childhood has been reported. - GMI Summary

Pubmed Data : J Chin Med Assoc. 2010 Dec;73(12):634-7. PMID: [21145511](#)

Article Published Date : Dec 01, 2010

Authors : Yuh-Lin Hsieh, Lung-Huang Lin

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Vaccination for DPT, Hepatitis B and influenza has been reported to be associated with the development of erythema multiforme in an infant. - GMI Summary

Pubmed Data : Indian J Dermatol Venereol Leprol. 2008 May-Jun;74(3):251-3. PMID: [18583795](#)

Article Published Date : May 01, 2008

Authors : Sarvjit Kaur, Sanjeev Handa

Study Type : Human Study

Additional Links

Diseases : [Erythema : CK\(44\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Vaccinated children and adults may serve as reservoirs for silent pertussis infection and become potential transmitters to unprotected infants. - GMI Summary

Pubmed Data : Emerg Infect Dis. 2000 Sep-Oct;6(5):526-9. PMID: [10998384](#)

Article Published Date : Sep 01, 2000

Authors : I Srugo, D Benilevi, R Madeb, S Shapiro, T Shohat, E Somekh, Y Rimmar, V Gershtein, R Gershtein, E Marva, N Lahat

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Additional Keywords : [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Vaccination can precipitate lupus erythematosus. - GMI Summary

Pubmed Data : Semin Arthritis Rheum. 1999 Dec;29(3):131-9. PMID: [10622677](#)

Article Published Date : Dec 01, 1999

Authors : S A Older, D F Battafarano, R J Enzenauer, A M Krieg

Study Type : Human Study

Additional Links

Diseases : [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination for rabies, varicella or Lyme disease may result in acute or subacute post-vaccination small fiber neuropathy.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7322-5. Epub 2009 Oct 4. PMID: [19808027](#)

Article Published Date : Dec 09, 2009

Authors : Nizar Souayah, Senda Ajroud-Driss, Howard W Sander, Thomas H Brannagan, Arthur P Hays, Russell L Chin

Study Type : Human Study

Additional Links

Diseases : [Lyme Disease : CK\(32\) : AC\(9\)](#), [Neuropathy: Small Fiber : CK\(10\) : AC\(1\)](#), [Rabies : CK\(13\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Vaccination is associated with thrombocytopenic purpura in children.](#) - GMI Summary

Pubmed Data : Vaccine. 2007 Feb 26;25(10):1838-40. Epub 2006 Nov 9. PMID: [17126957](#)

Article Published Date : Feb 26, 2007

Authors : J Rajantie, B Zeller, I Treutiger, S Rosthøj,

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination-associated adverse events occur in approximately 1 of every 6 toddlers receiving measles-mumps-rubella vaccine dose 1, with high fever occurring in 1 of 20](#) - GMI Summary

Pubmed Data : Pediatrics. 2006 Oct;118(4):1422-30. PMID: [17015532](#)

Article Published Date : Oct 01, 2006

Authors : Charles W LeBaron, Daoling Bi, Bradley J Sullivan, Carol Beck, Paul Gargiullo

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Whole cell pertussis vaccines may have been causing serious neurological disorders.](#) - GMI Summary

Pubmed Data : Brain Dev. 2004 Aug;26(5):296-300. PMID: [15165669](#)

Article Published Date : Aug 01, 2004

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Infant Neurological Development : CK\(46\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Zinc supplementation has a beneficial effect on malaise, one of the influenza vaccine associated adverse events, and decrease serum TNF- \$\alpha\$ levels.](#) - GMI Summary

Pubmed Data : J Trace Elem Med Biol. 2011 Apr 21. Epub 2011 Apr 21. PMID: [21514808](#)

Article Published Date : Apr 21, 2011

Authors : S Songül Yalçın, Defne Engür-Karasımaç, Dursun Alehan, Kadriye Yurdakök, Süheyla Ozkutlu, Turgay Coşkun

Study Type : Human Study

Additional Links

Substances : [Zinc : CK\(870\) : AC\(127\)](#)

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(971\) : AC\(348\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[A case of extensive ulcerating vasculitis following a BCG vaccination has been reported.](#) - GMI Summary

Pubmed Data : J Plast Reconstr Aesthet Surg. 2009 Aug;62(8):e286-9. Epub 2007 Dec 31. PMID: [18166508](#)

Article Published Date : Aug 01, 2009

Authors : A Ghattaura, K A Eley, E Molenaar, G Smith

Study Type : Human: Case Report

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#)

[A case of Leukemia Cutis arising at the site of injection of a Tetanus Booster has been reported.](#) - GMI Summary

Pubmed Data : Actas Dermosifiliogr. 2010 Oct;101(8):727-9. PMID: [20965018](#)

Article Published Date : Oct 01, 2010

Authors : R M Guinovart, J M Carrascosa, C Ferrándiz

Study Type : Human: Case Report

Additional Links

Diseases : [Leukemia Cutis : CK\(3\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Acute transverse myelitis after influenza vaccination has been reported.](#) - GMI Summary

Pubmed Data : J Neuroimaging. 1996 Oct;6(4):248-50. PMID: [8903080](#)

Article Published Date : Oct 01, 1996

Authors : R Bakshi, J C Mazziotta

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Autoimmune hemolytic anemia following MF59-adjuvanted influenza vaccine has been reported.](#) - GMI Summary

Pubmed Data : Ann Pharmacother. 2011 Jan;45(1):e8. Epub 2010 Dec 28. PMID: [21189364](#)

Article Published Date : Jan 01, 2011

Authors : Sabrina Montagnani, Marco Tuccori, Giuseppe Lombardo, Arianna Testi, Stefania Mantarro, Elisa Ruggiero, Corrado Blandizzi

Study Type : Human: Case Report

Additional Links

Diseases : [Hemolytic Anemia : CK\(75\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Autoimmunity following hepatitis B vaccine has been reported.](#) - GMI Summary

Pubmed Data : Lupus. 2012 Feb ;21(2):146-52. PMID: [22235045](#)

Article Published Date : Jan 31, 2012

Authors : Y Zafrir, N Agmon-Levin, Z Paz, T Shilton, Y Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

Adverse Pharmacological Actions : [Immunotoxic](#) : CK(230) : AC(38)

[Case report: a shoulder injury related to vaccine administration.](#) - GMI Summary

Pubmed Data : J Am Board Fam Med. 2012 Nov ;25(6):919-22. PMID: [23136333](#)

Article Published Date : Oct 31, 2012

Authors : Matthew G Barnes, Christopher Ledford, Karen Hogan

Study Type : Human: Case Report

Additional Links

Diseases : [Shoulder Injuries](#) : CK(23) : AC(2), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: Influenza](#) : CK(356) : AC(37)

[Deep morphea after vaccination in two young children has been reported.](#) - GMI Summary

Pubmed Data : Pediatr Dermatol. 2006 Sep-Oct;23(5):484-7. PMID: [17014648](#)

Article Published Date : Sep 01, 2006

Authors : Antonio Torrelo, José Suárez, Isabel Colmenero, Daniel Azorín, Antonio Perera, Antonio Zambrano

Study Type : Human: Case Report

Additional Links

Diseases : [Morphea profunda](#) : CK(3) : AC(1), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Delayed focal lipotrophy after AS03-adjuvanted influenza A \(H1N1\) 2009 vaccine has been reported.](#) - GMI Summary

Pubmed Data : Vaccine. 2010 Dec 17. Epub 2010 Dec 17. PMID: [21172376](#)

Article Published Date : Dec 17, 2010

Authors : Emilie Javelle, Benjamin Soulier, Christian Brosset, Solène Lorcy, Fabrice Simon

Study Type : Human: Case Report

Additional Links

Diseases : [Lipotrophy](#) : CK(3) : AC(1), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

[Development of fulminant Type 1 diabetes with thrombocytopenia after influenza vaccination has been observed.](#) - GMI Summary

Pubmed Data : Diabet Med. 2011 Jul 22. Epub 2011 Jul 22. PMID: [21781156](#)

Article Published Date : Jul 22, 2011

Authors : H Yasuda, M Nagata, H Moriyama, H Kobayashi, T Akisaki, H Ueda, K Hara, K Yokono

Study Type : Human: Case Report

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Diabetes Mellitus: Type 1](#) : CK(1107) : AC(218), [Thrombocytopenia](#) : CK(800) : AC(25), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

[Guillain-Barré syndrome following H1N1 immunization in a pediatric patient has been reported.](#) - GMI Summary

Pubmed Data : Ann Pharmacother. 2010 Jul-Aug;44(7-8):1330-3. Epub 2010 May 18. PMID: [20484170](#)

Article Published Date : Jul 01, 2010

Authors : Marie-Eve Tremblay, Aurélie Closon, Guy D'Anjou, Jean-François Bussières

Study Type : Human: Case Report

Additional Links

Diseases : [Childhood Infections : CK\(275\) : AC\(29\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Hepatitis B vaccination has been linked to anaphylactic shock and death in infants.](#) - GMI Summary

Pubmed Data : Adv Exp Med Biol. 1990;272:183-95. PMID: [20077677](#)

Article Published Date : Jan 01, 1990

Authors : Fu-Zhen Wang, Fu-Qiang Cui, Da-Wei Liu

Study Type : Human: Case Report

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine associated with dermatomyositis has been reported.](#) - GMI Summary

Pubmed Data : Rheumatol Int. 2008 Apr;28(6):609-12. Epub 2007 Nov 23. PMID: [18034245](#)

Article Published Date : Apr 01, 2008

Authors : Arie Altman, Martine Szyper-Kravitz, Yehuda Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Dermatomyositis : CK\(44\) : AC\(10\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Immune-mediated myelitis following hepatitis B vaccination has been reported.](#) - GMI Summary

Pubmed Data : Autoimmun Rev. 2012 Apr 1. Epub 2012 Apr 1. PMID: [22498789](#)

Article Published Date : Apr 01, 2012

Authors : Joerg-Patrick Stübgen

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[In 1985 twin boys simultaneously succumbed to sudden unexpected deaths two to three hours after vaccination with diphtheria, tetanus, and pertussis vaccine \(DTP\).](#) - GMI Summary

Pubmed Data : Arch Dis Child. 1987 Jul;62(7):754-9. PMID: [3498443](#)

Article Published Date : Jul 01, 1987

Authors : S C Roberts

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Optic neuritis following hepatitis B vaccination has been reported. n - GMI Summary](#)

Pubmed Data : J Chin Med Assoc. 2009 Nov;72(11):594-7. PMID: [19948437](#)

Article Published Date : Nov 01, 2009

Authors : Muferet Erguven, Sirin Guven, Umit Akyuz, Olcay Bilgiç, Fuat Laloglu

Study Type : Human: Case Report

Additional Links

Diseases : [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Possible systemic lupus erythematosus following HPV immunization has been reported. - GMI Summary](#)

Pubmed Data : Lupus. 2012 ;21(2):158-61. PMID: [22235047](#)

Article Published Date : Jan 01, 2012

Authors : Hf Soldevilla, Sfr Briones, Sv Navarra

Study Type : Human: Case Report

Additional Links

Diseases : [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[The psychic reactions following injections of bacterial vaccines. - GMI Summary](#)

Pubmed Data : Int Arch Allergy Appl Immunol. 1950 ;1(3):226-43. PMID: [14794265](#)

Authors : J ILAVSKY

Study Type : Human: Case Report

Additional Links

Diseases : [Psychiatric Disorders : CK\(71\) : AC\(10\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination as a probable cause of incontinentia pigmenti reactivation has been reported. - GMI Summary](#)

Pubmed Data : Pediatr Dermatol. 2010 Jan-Feb;27(1):62-4. PMID: [20199413](#)

Article Published Date : Jan 01, 2010

Authors : Ali Alikhan, Andrew D Lee, Donald Swing, Christie Carroll, Gil Yosipovitch

Study Type : Human: Case Report

Additional Links

Diseases : [Incontinentia Pigmenti : CK\(3\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[A vaccine developed for bison resulted in inducing placentitis and abortion in pregnant cows. - GMI Summary](#)

Pubmed Data : Am J Vet Res. 1996 Nov;57(11):1604-7. PMID: [8915438](#)

Article Published Date : Nov 01, 1996

Authors : M V Palmer, S C Olsen, M J Gilsdorf, L M Philo, P R Clarke, N F Cheville

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Adult rubella and adult hepatitis B vaccines were statistically associated with](#)

[chronic arthritis which persisted for at least one year.](#) - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2002 Nov-Dec;20(6):767-71. PMID: [12508767](#)

Article Published Date : Nov 01, 2002

Authors : D A Geier, M R Geier

Study Type : Animal Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination.](#) - GMI Summary

Pubmed Data : J Neurosci Res. 2001 Sep 1;65(5):446-54. PMID: [11536329](#)

Article Published Date : Sep 01, 2001

Authors : C Besson Duvanel, P Honegger, J M Matthieu

Study Type : Animal Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Fatal adverse pulmonary reaction in calves after inadvertent intravenous vaccination has been reported.](#) - GMI Summary

Pubmed Data : Vet Pathol. 2005 Jul;42(4):492-5. PMID: [16006609](#)

Article Published Date : Jul 01, 2005

Authors : J D Ramsay, C L Williams, E Simko

Study Type : Animal Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Hepatitis B vaccine alters the expression of 144 genes in the mouse liver within 1 day of vaccination, 7 of which are related to inflammation and metabolism.](#) - GMI Summary

Pubmed Data : Mol Biol Rep. 2011 Jun 21. Epub 2011 Jun 21. PMID: [21691704](#)

Article Published Date : Jun 21, 2011

Authors : Heyam Hamza, Jianhua Cao, Xinyun Li, Shuhong Zhao

Study Type : Animal Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine induces cell death in liver cells and mouse liver.](#) - GMI Summary

Pubmed Data : Apoptosis. 2012 Jan 17. Epub 2012 Jan 17. PMID: [22249285](#)

Article Published Date : Jan 17, 2012

Authors : Heyam Hamza, Jianhua Cao, Xinyun Li, Changchun Li, Mengjin Zhu, Shuhong Zhao

Study Type : Animal Study

Additional Links

Diseases : [Liver Damage : CK\(597\) : AC\(213\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

Adverse Pharmacological Actions : [Hepatotoxic : CK\(283\) : AC\(80\)](#)

[Maturational changes in amygdala volume and the binding capacity of an opioid antagonist in the amygdala was significantly altered in infant macaques receiving the vaccine schedule.](#) - GMI Summary

Pubmed Data : Acta Neurobiol Exp (Wars). 2010 ;70(2):147-64. PMID: [20628439](#)

Article Published Date : Dec 31, 2009

Authors : Laura Hewitson, Brian J Lopresti, Carol Stott, N Scott Mason, Jaime Tomko

Study Type : Animal Study

Additional Links

Diseases : [Amygdala: Damage/Abnormalities : CK\(10\) : AC\(1\)](#), [Neurodevelopmental Disorders : CK\(163\) : AC\(13\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Problem Substances : [Thimerosal : CK\(216\) : AC\(23\)](#)

[Newborn primates receiving mercury-containing hepatitis B vaccines exhibit neurodevelopmental delays.](#) - GMI Summary

Pubmed Data : J Toxicol Environ Health A. 2010 Jan;73(19):1298-313. PMID: [20711932](#)

Article Published Date : Jan 01, 2010

Authors : Laura Hewitson, Lisa A Houser, Carol Stott, Gene Sackett, Jaime L Tomko, David Atwood, Lisa Blue, E Railey White

Study Type : Animal Study

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Post-infection rabies vaccination increases mortality in mice.](#) - GMI Summary

Pubmed Data : Comp Immunol Microbiol Infect Dis. 1988;11(2):139-42. PMID: [2972508](#)

Article Published Date : Jan 01, 1988

Authors : J Blancou, D Sitte

Study Type : Animal Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Pregnant cows vaccinated against a Brucella strain experienced an abortion rate of 58%.](#) - GMI Summary

Pubmed Data : J Wildl Dis. 1991 Apr;27(2):258-64. PMID: [1906114](#)

Article Published Date : Apr 01, 1991

Authors : D S Davis, J W Templeton, T A Ficht, J D Huber, R D Angus, L G Adams

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Pregnant cows vaccinated with live attenuated Smithburn Rift Valley virus had a high rate of abortions which were associated with elevations in IgG and IgM antibodies.](#) - GMI Summary

Pubmed Data : J Med Virol. 2006 Jun;78(6):787-91. PMID: [16628582](#)

Article Published Date : Jun 01, 2006

Authors : Boulos Botros, Adel Omar, Khairat Elian, Gihan Mohamed, Atef Soliman, Adel Salib, Diaa Salman, Magdi Saad, Kenneth Earhart

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever : CK\(4\) : AC\(2\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Rift Valley fever vaccine in goats cause severe deleterious pathological changes in liver especially in kids and causing abortion in pregnant does.](#) - GMI Summary

Pubmed Data : Virol J. 2009;6:94. Epub 2009 Jul 6. PMID: [19580675](#)

Article Published Date : Jan 01, 2009

Authors : Samia Ahmed Kamal

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever : CK\(4\) : AC\(2\)](#), [Rift Valley Fever : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[The mercury containing vaccine adjuvant known as thimerosal has immunosuppressive and autoimmune effects in mice.](#) - GMI Summary

Pubmed Data : Toxicol Appl Pharmacol. 2005 Apr 15;204(2):109-21. PMID: [15808517](#)

Article Published Date : Apr 15, 2005

Authors : S Havarinasab, B Häggqvist, E Björn, K M Pollard, P Hultman

Study Type : Animal Study

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The use of animal cells in the production of vaccines may cause infection by endogenous retroviruses associated with chronic fatigue and prostate cancer.](#) - GMI Summary

Pubmed Data : Biologicals. 2010 May;38(3):371-6. Epub 2010 Apr 8. PMID: [20378372](#)

Article Published Date : May 01, 2010

Authors : Takayuki Miyazawa

Study Type : Animal Study

Additional Links

Diseases : [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Prostate Cancer : CK\(998\) : AC\(288\)](#), [Retroviruses : CK\(2\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The vaccination of pregnant sheep resulted in abortions and hydranencephaly.](#) - GMI Summary

Pubmed Data : Int Immunopharmacol. 2005 Mar;5(3):555-69. PMID: [8825310](#)

Article Published Date : Mar 01, 2005

Authors : M Flanagan, S J Johnson

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Hydranencephaly : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

The vaccine adjuvant thimerosal induces adverse changes in the cerebellum of mice, lending plausibility to the association between autism and low-dose mercury exposure. - GMI Summary

Pubmed Data : Cell Biol Toxicol. 2009 Apr 9. PMID: [19357975](#)

Article Published Date : Apr 09, 2009

Authors : Takeshi Minami, Eriko Miyata, Yamato Sakamoto, Hideo Yamazaki, Seiji Ichida

Study Type : Animal Study

Additional Links

Diseases : [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

There is evidence that a DNA vaccine exhibits anti-fertility properties. - GMI Summary

Pubmed Data : Vaccine. 2011 Jul 12 ;29(31):4933-9. Epub 2011 May 17. PMID: [21596079](#)

Article Published Date : Jul 12, 2011

Authors : Meng-Fei Yu, Wen-Ning Fang, Gao-Feng Xiong, Ying Yang, Jing-Pian Peng

Study Type : Animal Study

Additional Links

Diseases : [Infertility : CK\(455\) : AC\(94\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Plasmid DNA Vaccines : CK\(3\) : AC\(2\)](#)

Vaccination of pregnant monkeys resulted in abortions in 2 out of 25. - GMI Summary

Pubmed Data : Am J Trop Med Hyg. 1991 Apr;44(4):382-9. PMID: [2042705](#)

Article Published Date : Apr 01, 1991

Authors : A Escjadillo, J K Frenkel

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Vaccine-induced scrapie has been reported in animals. - GMI Summary

Pubmed Data : J Gen Virol. 2003 Apr;84(Pt 4):1047-52. PMID: [12655108](#)

Article Published Date : Apr 01, 2003

Authors : Gianluigi Zanusso, Cristina Casalone, Pierluigi Acutis, Elena Bozzetta, Alessia Farinazzo, Matteo Gelati, Michele Fiorini, Gianluigi Forloni, Man Sun Sy, Salvatore Monaco, Maria Caramelli

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Animal Diseases: Scrapie : CK\(4\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

"Adverse events associated with 17D-derived yellow fever vaccination--United States, 2001-2002." - GMI Summary

Pubmed Data : MMWR Morb Mortal Wkly Rep. 2002 Nov 8 ;51(44):989-93. PMID: [12455906](#)

Article Published Date : Nov 08, 2002

Study Type : Review

Additional Links

Diseases : [Brain Inflammation : CK\(79\) : AC\(35\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Yellow Fever : CK\(13\) :](#)

"Mechanisms of aluminum adjuvant toxicity and autoimmunity in pediatric populations." - GMI Summary

Pubmed Data : Lupus. 2012 ;21(2):223-30. PMID: [22235057](#)

Article Published Date : Jan 01, 2012

Authors : L Tomljenovic, Ca Shaw

Study Type : Review

Additional Links

Diseases : [Aluminum Toxicity : CK\(107\) : AC\(36\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum : CK\(154\) : AC\(41\)](#), [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

"Viral nucleic acids in live-attenuated vaccines: detection of minority variants and an adventitious virus." - GMI Summary

Pubmed Data : J Virol. 2010 Jun ;84(12):6033-40. Epub 2010 Apr 7. PMID: [20375174](#)

Article Published Date : May 31, 2010

Authors : Joseph G Victoria, Chunlin Wang, Morris S Jones, Crystal Jaing, Kevin McLoughlin, Shea Gardner, Eric L Delwart

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Adventitious Viruses : CK\(18\) : AC\(9\)](#), [Iatrogenic Disease : CK\(226\) : AC\(26\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

Acute disseminated encephalomyelitis (ADEM) may be caused by vaccination. - GMI Summary

Pubmed Data : J Clin Neurosci. 2008 Dec;15(12):1315-22. Epub 2008 Oct 30. PMID: [18976924](#)

Article Published Date : Dec 01, 2008

Authors : William Huynh, Dennis J Cordato, Elias Kehdi, Lynette T Masters, Chris Dedousis

Study Type : Commentary

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Encephalomyelitis : CK\(12\) : AC\(7\)](#), [Neuromyelitis Optica : CK\(4\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Adjuvants in vaccines may trigger innate cells response by toll-like receptors, thus eliciting a possible non-IgE mediated allergy phenomenon or causing B-cell activation and autoimmunity. - GMI Summary

Pubmed Data : Hum Vaccin. 2011 Aug 1 ;7(8). Epub 2011 Aug 1. PMID: [21785282](#)

Article Published Date : Aug 01, 2011

Authors : Salvatore Chirumbolo

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hypersensitivity : CK\(64\) : AC\(15\)](#), [Immune Disorders: B-Cell Over-Activity : CK\(2\) : AC\(2\)](#), [Immune Dysregulation: TH1/TH2 imbalance : CK\(146\) : AC\(36\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Adjuvant : CK\(18\) : AC\(6\)](#)

Aluminium-containing adjuvants in vaccines may be causing autoimmune conditions such as chronic fatigue syndrome and the inflammatory myopathy known as macrophagic myofasciitis. - GMI Summary

Pubmed Data : Med Hypotheses. 2009 Feb;72(2):135-9. Epub 2008 Nov 11. PMID: [19004564](#)

Article Published Date : Feb 01, 2009

Authors : Christopher Exley, Louise Swarbrick, Rhomain K Gherardi, Francois-Jérôme Authier

Study Type : Commentary

Additional Links

Diseases : [Aluminum Toxicity : CK\(107\) : AC\(36\)](#), [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Myopathy: Inflammatory : CK\(1\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Autism spectrum disorders are associated with vaccination, heavy metal toxicity and excitotoxicity.](#) - GMI Summary

Pubmed Data : Altern Ther Health Med. 2008 Nov-Dec;14(6):46-53. PMID: [19043938](#)

Article Published Date : Nov 01, 2008

Authors : Russell L Blaylock

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Excitotoxicity : CK\(56\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[DTP vaccination may contribute to urinary tract disease and sudden infant death syndrome.](#) - GMI Summary

Pubmed Data : Reprod Biomed Online. 2010 Jul;21(1):100-8. Epub 2010 Mar 30. PMID: [15356430](#)

Article Published Date : Jul 01, 2010

Authors : Joseph Prandota

Study Type : Commentary

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Urinary Tract Infections : CK\(338\) : AC\(47\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[During the first five yeras of rubella immunizations in adults concerns emerged about the possibility that the vaccines do harm to the fetus in pregnant women.](#) - GMI Summary

Pubmed Data : Am J Obstet Gynecol. 1976 Feb 15;124(4):327-32. PMID: [1251853](#)

Article Published Date : Feb 15, 1976

Authors : M Siegel

Study Type : Review

Additional Links

Diseases : [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Feline injection site-associated sarcoma is a serious problem associated with malignancy.](#) - GMI Summary

Pubmed Data : Vet Microbiol. 2006 Oct 5;117(1):59-65. PMID: [16769184](#)

Article Published Date : Oct 05, 2006

Authors : Jolle Kirpensteijn

Study Type : Review

Additional Links

Diseases : [Sarcoma : CK\(36\) : AC\(21\)](#), [Tumors : CK\(199\) : AC\(110\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

From 1990 to the present, the number of cases (n = 31) and deaths (n = 12) from the yellow fever vaccine in travelers has exceeded the reports of YF (n = 6) acquired by natural infection. - GMI Summary

Pubmed Data : Expert Rev Vaccines. 2012 Apr ;11(4):427-48. PMID: [22551029](#)

Article Published Date : Apr 01, 2012

Authors : Thomas P Monath

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Yellow Fever : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Yellow Fever : CK\(13\) : AC\(2\)](#)

Hepatitis B vaccination has the potential to induce central demyelinating disorders such as multiple sclerosis. - GMI Summary

Pubmed Data : Med Hypotheses. 2006;66(1):84-6. Epub 2005 Sep 19. PMID: [16176857](#)

Article Published Date : Jan 01, 2006

Authors : Yannick Comenge, Marc Girard

Study Type : Commentary

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hepatitis B vaccinations is associated with autoimmune hazards. - GMI Summary

Pubmed Data : Autoimmun Rev. 2005 Feb;4(2):96-100. PMID: [15722255](#)

Article Published Date : Feb 01, 2005

Authors : Marc Girard

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

HIV-1/AIDS may have been caused by contaminated polio vaccines grown in SIV infected chimpanzee kidney cells during the late 1950's. - GMI Summary

Pubmed Data : Mol Nutr Food Res. 2010 Jan 28. Epub 2010 Jan 28. PMID: [11405924](#)

Article Published Date : Jan 28, 2010

Authors : E Hooper

Study Type : Commentary

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

In 2011, there were an extra 47,500 new cases of non-polio acute flaccid paralysis (NPAFP); Clinically indistinguishable from polio paralysis but twice as deadly, the incidence of NPAFP was directly proportional to doses of oral polio received. - GMI Summary

Pubmed Data : Indian J Med Ethics. 2012 Apr-Jun;9(2):114-7. PMID: [22591873](#)

Article Published Date : Apr 01, 2012

Authors : Neetu Vashisht, Jacob Puliyel

Study Type : Review

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Infection and vaccines are triggers for autoimmune disease. - GMI Summary

Pubmed Data : Autoimmunity. 2005 May;38(3):235-45. PMID: [16126512](#)

Article Published Date : May 01, 2005

Authors : Vered Molina, Yehuda Shoenfeld

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Measles vaccination in developing countries has resulted in higher infant mortality rates. - GMI Summary

Pubmed Data : BMJ. 1993 Nov 20;307(6915):1294-5. PMID: [8257878](#)

Article Published Date : Nov 20, 1993

Authors : A J Hall, F T Cutts

Study Type : Review

Additional Links

Diseases : [Child Mortality : CK\(64\) : AC\(8\)](#), [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

Over 40,000 cases of AFP are reported annually since 2007 regardless of the number of actual polio cases. - GMI Summary

Pubmed Data : BMC Public Health. 2012 ;12:229. Epub 2012 Mar 22. PMID: [22439606](#)

Article Published Date : Jan 01, 2012

Authors : Rie R Yotsu, Katharine Abba, Helen Smith, Abhijit Das

Study Type : Review

Additional Links

Diseases : [Acute Flaccid Paralysis : CK\(3\) : AC\(1\)](#), [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Review: possible adverse effects that are associated with smallpox vaccination. - GMI Summary

Pubmed Data : MMWR Recomm Rep. 2003 Feb 21;52(RR-4):1-28. PMID: [12617510](#)

Article Published Date : Feb 21, 2003

Authors : Joanne Cono, Christine G Casey, David M Bell,

Study Type : Review

Additional Links

Diseases : [Smallpox : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

Rotavirus vaccines have been found contaminated with porcine circovirus. - GMI Summary

Pubmed Data : Biologicals. 2012 Mar 6. Epub 2012 Mar 6. PMID: [22402185](#)

Article Published Date : Mar 06, 2012

Authors : Sarah M Gilliland, Lindsay Forrest, Heather Carre, Adrian Jenkins, Neil Berry, Javier Martin, Philip Minor, Silke Schepelmann

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[The epidemic of autism may be linked to both vaccinations and mitochondrial diseases.](#) - GMI Summary

Pubmed Data : Clin Exp Pharmacol Physiol. 2004 Dec;31 Suppl 2:S51-3 PMID: [19043939](#)

Article Published Date : Dec 01, 2004

Authors : Stephanie F Cave

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Mitochondrial Diseases : CK\(149\) : AC\(50\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Diseases that are Linked : CK\(2122\) : AC\(270\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.](#) - GMI Summary

Pubmed Data : JAMA. 1994 May 25;271(20):1602-5. PMID: [8182813](#)

Article Published Date : May 25, 1994

Authors : K R Stratton, C J Howe, R B Johnston

Study Type : Review

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Neuritis: Brachial Plexus : CK\(1\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[The number of elective abortions following vaccination during pregnancy may be under-reported and could be substantial.](#) - GMI Summary

Pubmed Data : Vaccine. 2008 May 2;26(19):2428-32. Epub 2008 Mar 17. PMID: [18406499](#)

Article Published Date : May 02, 2008

Authors : Soju Chang, Robert Ball, M Miles Braun

Study Type : Review

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Transmissible spongiform encephalopathies may be passed iatrogenically through vaccines.](#) - GMI Summary

Pubmed Data : Dev Biol (Basel). 2001;106:455-9; discussion 460-1, 465-75. PMID: [11761262](#)

Article Published Date : Jan 01, 2001

Authors : N R Cashman

Study Type : Commentary

Additional Links

Diseases : [Spongiform Encephalopathies: Transmissible : CK\(2\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination against novel H1N1 may accelerate atherogenesis \(heart disease\).](#) - GMI Summary

Pubmed Data : Med Microbiol Immunol. 2009 Oct 23. PMID: [19851782](#)

Article Published Date : Oct 23, 2009

Authors : Sucharit Bhakdi, Karl Lackner, Hans-Wilhelm Doerr

Study Type : Commentary

Additional Links

Diseases : [H1N1 Infection](#) : CK(467) : AC(87), [Swine Flu Associated Virus](#) : CK(156) : AC(33), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Vaccination for contraception.](#) - GMI Summary

Pubmed Data : Aust N Z J Obstet Gynaecol. 1994 Jun;34(3):320-9. PMID: [7848209](#)

Article Published Date : Jun 01, 1994

Authors : W R Jones

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Anti-Fertility](#) : CK(1) : AC(1)

[Vaccination may be contributing to autoimmune disease.](#) - GMI Summary

Pubmed Data : J Autoimmun. 2000 Feb;14(1):1-10. PMID: [10648110](#)

Article Published Date : Feb 01, 2000

Authors : Y Shoenfeld, A Aron-Maor

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders](#) : CK(1140) : AC(108), [Autoimmune Diseases](#) : CK(5317) : AC(779), [Multiple Sclerosis](#) : CK(716) : AC(133), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Vaccination may contribute to causing a wide variety of autoimmune disorders.](#) - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Human Papillomavirus \(HPV\)](#) : CK(153) : AC(22), [Inflammatory Myopathy](#) : CK(81) : AC(5), [Macrophagic myofasciitis](#) : CK(15) : AC(3), [Multiple Sclerosis](#) : CK(716) : AC(133), [Rheumatoid Arthritis](#) : CK(424) : AC(64), [Systemic Lupus Erythematosus](#) : CK(387) : AC(54), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Vasculitis](#) : CK(48) : AC(11)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Haemophilus Influenzae](#) : CK(32) : AC(4), [Vaccination: Hepatitis B](#) : CK(347) : AC(48), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13), [Vaccination: Influenza](#) : CK(356) : AC(37), [Vaccination: Lyme disease](#) : CK(11) : AC(2), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26), [Vaccination: Rabies](#) : CK(4) : AC(3), [Vaccination: Rotavirus](#) : CK(33) : AC(6), [Vaccination: Tetanus](#) : CK(48) : AC(8), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

[Vaccination proponents have suggested that breastfeeding should be delayed in order to prevent immune factors within breast milk from inactivating vaccine-associated antibody titer elevations and vaccine potency.](#) - GMI Summary

Pubmed Data : Pediatr Infect Dis J. 2010 Oct;29(10):919-923. PMID: [20442687](#)

Article Published Date : Oct 01, 2010

Authors : Sung-Sil Moon, Yuhuan Wang, Andi L Shane, Trang Nguyen, Pratima Ray, Penelope Dennehy, Luck Ju Baek, Umesh Parashar, Roger I Glass, Baoming Jiang

Study Type : Commentary

Additional Links

Diseases : [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Therapeutic Actions : [Breastfeeding](#) : CK(708) : AC(67)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Vaccine-derived poliovirus may become pathogenic in complex viral ecosystems, through frequent recombination events and mutations.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2012 May 1 ;205(9):1363-73. Epub 2012 Mar 29. PMID: [22457288](#)

Article Published Date : May 01, 2012

Authors : Marie-Line Joffret, Sophie Jégouic, Maël Bessaud, Jean Balanant, Coralie Tran, Valerie Caro, Barbara Holmblat, Richter Razafindratsimandresy, Jean-Marc Reynes, Mala Rakoto-Andrianarivelo, Francis Delpeyroux

Study Type : Review

Additional Links

Diseases : [Polio : CK\(19\) : AC\(8\)](#), [Polio: Vaccine-Related : CK\(1\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Vaccines and flu shots containing mercury may contribute to severe neurological diseases and/or death in children.](#) - GMI Summary

Pubmed Data : J Pediatr. 2009 Apr;154(4):514-520.e4. Epub 2008 Dec 3. PMID: [19205900](#)

Article Published Date : Apr 01, 2009

Authors : Donald A Drum

Study Type : Commentary

Additional Links

Diseases : [Attention Deficit Disorder : CK\(134\) : AC\(12\)](#), [Attention Deficit Disorder with Hyperactivity : CK\(240\) : AC\(30\)](#), [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Child Mortality : CK\(64\) : AC\(8\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Mental Retardation : CK\(71\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Measles](#)

["The design and reporting of safety outcomes in MMR vaccine studies, both pre- and post-marketing, are largely inadequate."](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2012 ;2:CD004407. Epub 2012 Feb 15. PMID: [22336803](#)

Article Published Date : Dec 31, 2011

Authors : Vittorio Demicheli, Alessandro Rivetti, Maria Grazia Debalini, Carlo Di Pietrantonj

Study Type : Meta Analysis

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Mumps : CK\(41\) : AC\(1\)](#), [Rubella : CK\(54\) : AC\(4\)](#)

Additional Keywords : [Rubella : CK\(54\) : AC\(4\)](#), [Vaccine Safety : CK\(21\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

["A history of prior vaccination is not always associated with immunity nor with the presence of specific antibodies."](#) - GMI Summary

Pubmed Data : Clin Invest Med. 1988 Aug ;11(4):304-9. PMID: [3168353](#)

Article Published Date : Jul 31, 1988

Authors : L Sekla, W Stackiw, G Eibisch, I Johnson

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Antibody Theory Of Vaccinology : CK\(35\) : AC\(5\)](#), [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[A 1993 outbreak of measles in a highly immunised Australian population.](#) - GMI

Summary

Pubmed Data : Aust J Public Health. 1994 Sep ;18(3):249-52. PMID: [7841251](#)

Article Published Date : Aug 31, 1994

Authors : A Herceg, I Passaris, C Mead

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[**A major measles epidemic occurred in 1989 in the region of Quebec despite a 99% vaccine coverage. - GMI Summary**](#)

Pubmed Data : Can J Public Health. 1991 May-Jun;82(3):189-90. PMID: [1884314](#)

Article Published Date : Apr 30, 1991

Authors : N Boulianne, G De Serres, B Duval, J R Joly, F Meyer, P Déry, M Alary, D Le Hénaff, N Thériault

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[**A measles outbreak at a college with a prematriculation immunization requirement. - GMI Summary**](#)

Pubmed Data : Am J Public Health. 1991 Mar ;81(3):360-4. PMID: [1994745](#)

Article Published Date : Feb 28, 1991

Authors : B S Hersh, L E Markowitz, R E Hoffman, D R Hoff, M J Doran, J C Fleishman, S R Preblud, W A Orenstein

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[**A measles outbreak in Montana in 1985 indicates vaccine failure. - GMI Summary**](#)

Pubmed Data : Am J Epidemiol. 1987 Sep ;126(3):438-49. PMID: [3618578](#)

Article Published Date : Aug 31, 1987

Authors : R M Davis, E D Whitman, W A Orenstein, S R Preblud, L E Markowitz, A R Hinman

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[**Despite a high coverage with measles vaccines in parts of west Africa, epidemics of measles occur with reduced severity in an increasing proportion of older children who have been vaccinated. - GMI Summary**](#)

Pubmed Data : Lancet. 1999 Jan 9 ;353(9147):98-102. PMID: [10023894](#)

Article Published Date : Jan 08, 1999

Authors : H C Whittle, P Aaby, B Samb, H Jensen, J Bennett, F Simondon

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Even though 95% of the children had measles antibodies after vaccination, vaccine efficacy was not more than 68%. - GMI Summary](#)

Pubmed Data : J Infect Dis. 1990 Nov ;162(5):1043-8. PMID: [2230232](#)

Article Published Date : Oct 31, 1990

Authors : P Aaby, K Knudsen, T G Jensen, J Thårup, A Poulsen, M Sodemann, M C da Silva, H Whittle

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Antibody Theory Of Vaccinology : CK\(35\) : AC\(5\)](#), [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[High titre measles vaccination increases female mortality in those receiving immunization in West Africa. - GMI Summary](#)

Pubmed Data : Int J Epidemiol. 1996 Jun;25(3):665-73. PMID: [8671571](#)

Article Published Date : Jun 01, 1996

Authors : K M Knudsen, P Aaby, H Whittle, M Rowe, B Samb, F Simondon, J Sterne, P Fine

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[High-titer measles vaccination before 9 months of age has been linked to increased female mortality. - GMI Summary](#)

Pubmed Data : Semin Pediatr Infect Dis. 2003 Jul;14(3):220-32. PMID: [12913835](#)

Article Published Date : Jul 01, 2003

Authors : Peter Aaby, Henrik Jensen, Francois Simondon, Hilton Whittle

Study Type : Human Study

Additional Links

Diseases : [Child Mortality : CK\(64\) : AC\(8\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[In a measles outbreak from March 1991 to April 1992 in Rio de Janeiro 76.4% of those suspected to be infected had received measles vaccine before their first birthday. - GMI Summary](#)

Pubmed Data : Rev Soc Bras Med Trop. 1995 Oct-Dec;28(4):339-43. PMID: [8668833](#)

Article Published Date : Sep 30, 1995

Authors : S A de Oliveira, W N Soares, M O Dalston, M T de Almeida, A J Costa

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Measles outbreak in a fully immunized secondary-school population with up to 99 percent vaccination. - GMI Summary](#)

Pubmed Data : N Engl J Med. 1987 Mar 26 ;316(13):771-4. PMID: [3821823](#)

Article Published Date : Mar 25, 1987

Authors : T L Gustafson, A W Lievens, P A Brunell, R G Moellenberg, C M Buttery, L M Sehulster

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Antibody Theory Of Vaccinology : CK\(35\) : AC\(5\)](#), [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Measles, mumps, and rubella catch up immunisation in a measles epidemic did not appear to confer protection and was associated with a variety of new side effects of the vaccine.](#) - GMI Summary

Pubmed Data : BMJ. 1995 Jun 24 ;310(6995):1629-32. PMID: [7795447](#)

Article Published Date : Jun 23, 1995

Authors : R J Roberts, Q D Sandifer, M R Evans, M Z Nolan-Farrell, P M Davis

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Mumps : CK\(41\) : AC\(1\)](#), [Rubella : CK\(54\) : AC\(4\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Primary and secondary vaccine failure may explain the 1992 measles epidemic in Cape Town.](#) - GMI Summary

Pubmed Data : S Afr Med J. 1994 Mar ;84(3):145-9. PMID: [7740350](#)

Article Published Date : Feb 28, 1994

Authors : N Coetzee, G D Hussey, G Visser, P Barron, A Keen

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein \(the protective coating of the nerves\) contributing to the pathogenesis of autism.](#) - GMI Summary

Pubmed Data : J Biomed Sci. 2002 Jul-Aug;9(4):359-64. PMID: [12145534](#)

Article Published Date : Jul 01, 2002

Authors : Vijendra K Singh, Sheren X Lin, Elizabeth Newell, Courtney Nelson

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[The occurrence of secondary vaccine failure and vaccine-modified measles in the United States may lead to underreporting of measles cases and result in overestimation of vaccine efficacy in h](#) - GMI Summary

Pubmed Data : JAMA. 1990 May 9 ;263(18):2467-71. PMID: [2278542](#)

Article Published Date : May 08, 1990

Authors : M B Edmonson, D G Addiss, J T McPherson, J L Berg, S R Circo, J P Davis

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Measles vaccination in developing countries has resulted in higher infant mortality rates.](#) - GMI Summary

Pubmed Data : BMJ. 1993 Nov 20;307(6915):1294-5. PMID: [8257878](#)

Article Published Date : Nov 20, 1993

Authors : A J Hall, F T Cutts

Study Type : Review

Additional Links

Diseases : [Child Mortality : CK\(64\) : AC\(8\)](#), [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[MMR vaccine may induce autoantibody formation against the gut \(secretin or its receptor\) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2003 May;60(5):650-3. PMID: [12710897](#)

Article Published Date : May 01, 2003

Authors : Bijal K Mehta, Kerim M Munir

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Topic: [Influenza](#)

[Influenza vaccination for healthcare workers who work with the elderly has no effect on laboratory-proven influenza, pneumonia or deaths from pneumonia.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2010(2):CD005187. Epub 2010 Feb 17. PMID: [20166073](#)

Article Published Date : Jan 01, 2010

Authors : Roger E Thomas, Tom Jefferson, Toby J Lasserson

Study Type : Meta Analysis

Additional Links

Diseases : [Elderly: Age Specific Diseases : CK\(442\) : AC\(37\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Pneumonia : CK\(330\) : AC\(40\)](#)

Anti Therapeutic Actions : [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[There is a lack of evidence for the effectiveness of influenza vaccines in adults aged 65 years or older.](#) - GMI Summary

Pubmed Data : Lancet Infect Dis. 2011 Oct 25. Epub 2011 Oct 25. PMID: [22032844](#)

Article Published Date : Oct 25, 2011

Authors : Michael T Osterholm, Nicholas S Kelley, Alfred Sommer, Edward A Belongia

Study Type : Meta Analysis

Additional Links

Diseases : [Elderly: Age Specific Diseases : CK\(442\) : AC\(37\)](#), [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[There is no solid evidence available supporting the belief that vaccines are effective in preventing influenza in the elderly. - GMI Summary](#)

Pubmed Data : Cochrane Database Syst Rev. 2010(2):CD004876. Epub 2010 Feb 17. PMID: [20166072](#)

Article Published Date : Jan 01, 2010

Authors : Tom Jefferson, Carlo Di Pietrantonj, Lubna A Al-Ansary, Eliana Ferroni, Sarah Thorning, Roger E Thomas

Study Type : Meta Analysis

Additional Links

Diseases : [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[We concluded that there is no credible evidence that vaccination of healthy people under the age of 60, who are healthcare workers caring for the elderly, affects influenza complications in those cared for. - GMI Summary](#)

Pubmed Data : Cochrane Database Syst Rev. 2006 ;3:CD005187. Epub 2006 Jul 19. PMID: [16856082](#)

Article Published Date : Jan 01, 2006

Authors : R E Thomas, T Jefferson, V Demicheli, D Rivetti

Study Type : Meta Analysis

Additional Links

Diseases : [Influenza : CK\(654\) : AC\(102\)](#)

Additional Keywords : [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Annual influenza vaccination hampers the development of virus-specific CD8\(+\) T cell responses necessary to protect against influenza infection. - GMI Summary](#)

Pubmed Data : J Virol. 2011 Nov ;85(22):11995-2000. Epub 2011 Aug 31. PMID: [21880755](#)

Article Published Date : Nov 01, 2011

Authors : Rogier Bodewes, Pieter L A Fraaij, Martina M Geelhoed-Mieras, Carel A van Baalen, Harm A W M Tiddens, Annemarie M C van Rossum, Fiona R van der Klis, Ron A M Fouchier, Albert D M E Osterhaus, Guus F Rimmelzwaan

Study Type : Human Study

Additional Links

Diseases : [Cystic Fibrosis : CK\(703\) : AC\(77\)](#), [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Immunosuppressive : CK\(155\) : AC\(23\)](#)

[Influenza vaccination may increase the risk of Guillain-Barré Syndrome. - GMI Summary](#)

Pubmed Data : Kidney Int. 2008 Dec;74(11):1461-7. Epub 2008 Sep 24. PMID: [18592444](#)

Article Published Date : Dec 01, 2008

Authors : C I Blanco-Marchite, L Buznego-Suárez, M A Fagúndez-Vargas, M Méndez-Llatas, P Pozo-Martos

Study Type : Human Study

Additional Links

Diseases : [Guillain Barre Syndrome: Miller Fisher Variant : CK\(13\) : AC\(2\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Influenza vaccines were not shown to be effective among children 6 to 59 months of age during 2 influenza seasons. - GMI Summary](#)

Pubmed Data : Anticancer Res. 2009 Nov;29(11):4629-32. PMID: [18838647](#)

Article Published Date : Nov 01, 2009

Authors : Peter G Szilagyi, Gerry Fairbrother, Marie R Griffin, Richard W Hornung, Stephanie Donauer,

Ardythe Morrow, Mekibib Altaye, Yuwei Zhu, Sandra Ambrose, Kathryn M Edwards, Katherine A Poehling, Geraldine Lofthus, Michol Holloway, Lyn Finelli, Marika Iwane, Mary Allen Staat,

Study Type : Human Study

Additional Links

Diseases : [Childhood Infections : CK\(275\) : AC\(29\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Swine and influenza vaccines induce anti-ganglioside antibodies associated with autoimmune neuropathies such as Guillain-Barre syndrome.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2008 Jul 15;198(2):226-33. PMID: [18522505](#)

Article Published Date : Jul 15, 2008

Authors : Irving Nachamkin, Sean V Shadomy, Anthony P Moran, Nancy Cox, Collette Fitzgerald, Huong Ung, Adrian T Corcoran, John K Iskander, Lawrence B Schonberger, Robert T Chen

Study Type : Human Study

Additional Links

Diseases : [Acute Autoimmune Neuropathy : CK\(104\) : AC\(2\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Influenza Vaccine : CK\(10\) : AC\(1\)](#), [Swine Flu Vaccine : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Widening influenza vaccine coverage is not correlated with declining mortality rates in any age group. The benefits of vaccination are substantially overestimated.](#) - GMI Summary

Pubmed Data : Arch Intern Med. 2005 Feb 14;165(3):265-72. PMID: [15710788](#)

Article Published Date : Feb 14, 2005

Authors : Lone Simonsen, Thomas A Reichert, Cecile Viboud, William C Blackwelder, Robert J Taylor, Mark A Miller

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Influenza A : CK\(305\) : AC\(73\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Guillain-Barré syndrome following H1N1 immunization in a pediatric patient has been reported.](#) - GMI Summary

Pubmed Data : Ann Pharmacother. 2010 Jul-Aug;44(7-8):1330-3. Epub 2010 May 18. PMID: [20484170](#)

Article Published Date : Jul 01, 2010

Authors : Marie-Eve Tremblay, Aurélie Closon, Guy D'Anjou, Jean-François Bussières

Study Type : Human: Case Report

Additional Links

Diseases : [Childhood Infections : CK\(275\) : AC\(29\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[H1N1 vaccination has been linked to possible new-onset seizure.](#) - GMI Summary

Pubmed Data : Pharmacotherapy. 2011 Jan;31(1):113. PMID: [21182364](#)

Article Published Date : Jan 01, 2011

Authors : [No authors listed]

Study Type : Human: Case Report

Additional Links

Diseases : [Influenza : CK\(654\) : AC\(102\)](#), [Seizures : CK\(122\) : AC\(28\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: Chickenpox

Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease. - GMI Summary

Pubmed Data : Pediatrics. 2003 Aug;112(2):e98-103. PMID: [12897314](#)

Article Published Date : Aug 01, 2003

Authors : Thomas Verstraeten, Aisha O Jumaan, John P Mullooly, Jane F Seward, Hector S Izurieta, Frank DeStefano, Steven B Black, Robert T Chen,

Study Type : Human Study

Additional Links

Diseases : [Asthma : CK\(918\) : AC\(134\)](#), [Chickenpox : CK\(80\) : AC\(8\)](#), [Corticosteroid-Induced Toxicity : CK\(78\) : AC\(17\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Approximately 1 in every 5 children who receives 1 dose of varicella vaccine may develop varicella disease, also known as breakthrough disease, if exposed to varicella-zoster virus. - GMI Summary

Pubmed Data : J Infect Dis. 2008 Mar 1 ;197 Suppl 2:S127-31. PMID: [18419385](#)

Article Published Date : Feb 29, 2008

Authors : Sandra S Chaves, John Zhang, Rachel Civen, Barbara M Watson, Tina Carbajal, Dana Perella, Jane F Seward

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#)

Additional Keywords : [Vaccine Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Increasing varicella vaccine coverage in Australia between 1998-2009 corresponds with increased levels of herpes zoster (shingles) cases managed in the same time period. - GMI Summary

Pubmed Data : Med J Aust. 2010 Jul 19;193(2):110-3. PMID: [20642419](#)

Article Published Date : Jul 19, 2010

Authors : Mark R Nelson, Helena C Britt, Christopher M Harrison

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Shingles : CK\(521\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Chicken Pox \(Varicella\) Shingles \(Herpes Zoster\) Connection : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Loss of vaccine-induced immunity to varicella over time. - GMI Summary

Pubmed Data : N Engl J Med. 2007 Mar 15 ;356(11):1121-9. PMID: [17360990](#)

Article Published Date : Mar 14, 2007

Authors : Sandra S Chaves, Paul Gargiullo, John X Zhang, Rachel Civen, Dalya Guris, Laurene Mascola, Jane F Seward

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Varicella vaccine has been associated with viremia and streptococcal toxic

[shock syndrome.](#) - GMI Summary

Pubmed Data : Med J Aust. 2009 Apr 20;190(8):451-3. PMID: [19374621](#)

Article Published Date : Apr 20, 2009

Authors : Claire M Italiano, Cheryl S Toi, Simon P Chan, Dominic E Dwyer

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Viremia : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine has been reported to cause chronic, acyclovir-resistant herpes zoster infection in an immunosuppressed child.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2003 Oct 1;188(7):954-9. Epub 2003 Sep 26. PMID: [14513413](#)

Article Published Date : Oct 01, 2003

Authors : Myron J Levin, Karen M Dahl, Adriana Weinberg, Roger Giller, Amita Patel, Philip R Krause

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Additional Keywords : [Acyclovir-Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine has been reported to viral meningitis in an immunocompetent child.](#) - GMI Summary

Pubmed Data : Ann Emerg Med. 2009 Jun;53(6):792-5. Epub 2008 Nov 22. PMID: [19028409](#)

Article Published Date : Jun 01, 2009

Authors : Sujit Iyer, Manoj K Mittal, Richard L Hodinka

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Meningitis: Viral : CK\(20\) : AC\(2\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Additional Keywords : [Undefined : CK\(14\) : AC\(3\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine may be associated with aplastic anemia in children.](#) - GMI Summary

Pubmed Data : Pediatr Infect Dis J. 2009 Aug;28(8):746-8. PMID: [19633522](#)

Article Published Date : Aug 01, 2009

Authors : Paola Angelini, Fotini Kavadas, Navneet Sharma, Susan E Richardson, Graham Tipples, Chaim Roifman, Yigal Dror, Yehuda Nofech-Mozes

Study Type : Human Study

Additional Links

Diseases : [Anemia: Aplastic : CK\(30\) : AC\(3\)](#), [Chickenpox : CK\(80\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine virus can be contagious and infect others - Article 2.](#) - GMI Summary

Pubmed Data : J Infect Dis. 1997 Oct;176(4):1072-5. PMID: [9333170](#)

Article Published Date : Oct 01, 1997

Authors : P LaRussa, S Steinberg, F Meurice, A Gershon

Study Type : Human Study

Additional Links

Diseases : [Chickenpox](#) : CK(80) : AC(8)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

[Varicella vaccine virus can be contagious and infect others.](#) - GMI Summary

Pubmed Data : Homeopathy. 2009 Apr;98(2):77-82. PMID: [9255208](#)

Article Published Date : Apr 01, 2009

Authors : M B Salzman, R G Sharrar, S Steinberg, P LaRussa

Study Type : Human Study

Additional Links

Diseases : [Chickenpox](#) : CK(80) : AC(8)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

[Topic: Sudden Infant Death Syndrome \(SIDS\)](#)

[Over 600 cases of sudden infant death syndrome following vaccination were reported from 1990-1997.](#) - GMI Summary

Pubmed Data : Pharmacoepidemiol Drug Saf. 2001 Jun-Jul;10(4):279-85. PMID: [11760487](#)

Article Published Date : Jun 01, 2001

Authors : L E Silvers, S S Ellenberg, R P Wise, F E Varricchio, G T Mootrey, M E Salive

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Mortality](#) : CK(229) : AC(23), [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Vaccination in infants less than 3 months is associated with an increased risk of sudden infant death syndrome.](#) - GMI Summary

Pubmed Data : Fundam Clin Pharmacol. 1995;9(3):263-70. PMID: [7557822](#)

Article Published Date : Jan 01, 1995

Authors : A P Jonville-Bera, E Autret, J Laugier

Study Type : Meta Analysis

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Polio](#) : CK(94) : AC(15)

[Serious adverse events associated with whole cell pertussis vaccine, e.g. sudden infant death syndrome and encephalopathy, may have occurred in metabolically vulnerable children.](#) - GMI Summary

Pubmed Data : Pharmazie. 2007 Apr;62(4):299-304. PMID: [19660877](#)

Article Published Date : Apr 01, 2007

Authors : Kumanan Wilson, Beth Potter, Douglas Manuel, Jennifer Keelan, Pranesh Chakraborty

Study Type : Human Study

Additional Links

Diseases : [Encephalopathy: Acute Necrotizing](#) : CK(20) : AC(2), [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Pertussis](#) : CK(116) : AC(14)

[Sudden infant death syndrome and DTP vaccine timing may be linked.](#) - GMI Summary

Pubmed Data : Otol Neurotol. 2002 Jul;23(4):447-51. PMID: [6835859](#)

Article Published Date : Jul 01, 2002

Authors : L J Baraff, W J Ablon, R C Weiss

Study Type : Human Study

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Sudden Infant Death syndrome mortality rate in the period zero to three days following DTP was found to be 7.3 times higher than in the period 30 days after immunization.](#) - GMI Summary

Pubmed Data : AmJ Public Health. 1987 Aug;77(8):945-51. PMID: [3496805](#)

Article Published Date : Aug 01, 1987

Authors : A M Walker, H Jick, D R Perera, R S Thompson, T A Knauss

Study Type : Human Study

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[A case of sudden infant death associated with hexavalent immunization has been reported.](#) - GMI Summary

Pubmed Data : Forensic Sci Int. 2008 Aug 6;179(2-3):e25-9. Epub 2008 Jun 6. PMID: [18538957](#)

Article Published Date : Aug 06, 2008

Authors : Stefano D'Errico, Margherita Neri, Irene Riezzo, Giuseppina Rossi, Cristoforo Pomara, Emanuela Turillazzi, Vittorio Fineschi

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hexavalent : CK\(6\) : AC\(2\)](#)

[Hepatitis B vaccination has been linked to anaphylactic shock and death in infants.](#) - GMI Summary

Pubmed Data : Adv Exp Med Biol. 1990;272:183-95. PMID: [20077677](#)

Article Published Date : Jan 01, 1990

Authors : Fu-Zhen Wang, Fu-Qiang Cui, Da-Wei Liu

Study Type : Human: Case Report

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[In 1985 twin boys simultaneously succumbed to sudden unexpected deaths two to three hours after vaccination with diphtheria, tetanus, and pertussis vaccine \(DTP\).](#) - GMI Summary

Pubmed Data : Arch Dis Child. 1987 Jul;62(7):754-9. PMID: [3498443](#)

Article Published Date : Jul 01, 1987

Authors : S C Roberts

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

Simultaneous sudden infant death syndrome has been reported in twins two days after receiving mutiple vaccinations. - GMI Summary

Pubmed Data : J Forensic Leg Med. 2007 Feb;14(2):87-91. PMID: [17654772](#)

Article Published Date : Feb 01, 2007

Authors : Yasemin Balci, Mehmet Tok, B Kenan Kocaturk, Cinar Yenilmez, Coşkun Yirulmaz

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Sudden infant death syndrome (SIDS) shortly after hexavalent vaccination has been reported. - GMI Summary

Pubmed Data : Virchows Arch. 2006 Jan;448(1):100-4. Epub 2005 Oct 18. PMID: [16231176](#)

Article Published Date : Jan 01, 2006

Authors : Giulia Ottaviani, Anna Maria Lavezzi, Luigi Maturri

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hexavalent : CK\(6\) : AC\(2\)](#)

DTP vaccination may contribute to urinary tract disease and sudden infant death syndrome. - GMI Summary

Pubmed Data : Reprod Biomed Online. 2010 Jul;21(1):100-8. Epub 2010 Mar 30. PMID: [15356430](#)

Article Published Date : Jul 01, 2010

Authors : Joseph Prandota

Study Type : Commentary

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Urinary Tract Infections : CK\(338\) : AC\(47\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

Topic: Hepatitis B

Neonate exposure to thimerosal mercury from hepatitis B vaccines may be a significant problem. - GMI Summary

Pubmed Data : Am J Perinatol. 2009 Aug;26(7):523-7. Epub 2009 Mar 12. PMID: [19283656](#)

Article Published Date : Aug 01, 2009

Authors : José G Dórea, Rejane C Marques, Katiane G Brandão

Study Type : Meta Analysis

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Infant Chemical Exposures : CK\(162\) : AC\(22\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

When polled 5% of nonpediatricians would not use Haemophilus influenzae type b vaccine if they had a child born in 2004. - GMI Summary

Pubmed Data : Pediatrics. 2005 Nov;116(5):e623-33. PMID: [16263976](#)

Article Published Date : Nov 01, 2005

Authors : Klara M Posfay-Barbe, Ulrich Heining, Christoph Aebi, Daniel Desgrandchamps, Bernard Vaudaux, Claire-Anne Siegrist

Study Type : Meta Analysis

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Acute hepatitis B can occur in those who are vaccinated against it and who are exposed through unprotected sexual contact and iatrogenically.](#) - GMI

Summary

Pubmed Data : Postgrad Med J. 2006 Mar;82(965):207-10. PMID: [16517803](#)

Article Published Date : Mar 01, 2006

Authors : G Rosner, Y Lurie, L Blendis, Z Halpern, R Oren

Study Type : Human Study

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Iatrogenic Disease : CK\(62\) : AC\(7\)](#)

Additional Keywords : [Iatrogenic Disease : CK\(226\) : AC\(26\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Chronic fatigue syndrome may be associated with silicone implants and/or vaccinations.](#) - GMI Summary

Pubmed Data : Autoimmun Rev. 2008 Oct;8(1):52-5. Epub 2008 Aug 24. PMID: [18725327](#)

Article Published Date : Oct 01, 2008

Authors : Agmon-Levin Nancy, Yehuda Shoenfeld

Study Type : Human Study

Additional Links

Diseases : [Breast Augmentation Complications : CK\(32\) : AC\(4\)](#), [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Silicone Implant Toxicity : CK\(10\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Silicone Implants : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Hepatitis B vaccination significantly increases the risk of a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Autoimmunity. 2005 Jun;38(4):295-301. PMID: [16206512](#)

Article Published Date : Jun 01, 2005

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Alopecia : CK\(131\) : AC\(28\)](#), [Arthritis : CK\(1430\) : AC\(218\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine is associated with an increased risk of multiple sclerosis.](#) - GMI Summary

Pubmed Data : Neurology. 2004 Sep 14;63(5):838-42. PMID: [15365133](#)

Article Published Date : Sep 14, 2004

Authors : Miguel A Hernán, Susan S Jick, Michael J Olek, Hershel Jick

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Hepatitis B Vaccine : CK\(30\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Newborn primates receiving mercury-containing hepatitis B vaccines exhibit neurodevelopmental delays.](#) - GMI Summary

Pubmed Data : J Toxicol Environ Health A. 2010 Jan;73(19):1298-313. PMID: [20711932](#)

Article Published Date : Jan 01, 2010

Authors : Laura Hewitson, Lisa A Houser, Carol Stott, Gene Sackett, Jaime L Tomko, David Atwood, Lisa Blue, E Railey White

Study Type : Animal Study

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination has the potential to induce central demyelinating disorders such as multiple sclerosis.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2006;66(1):84-6. Epub 2005 Sep 19. PMID: [16176857](#)

Article Published Date : Jan 01, 2006

Authors : Yannick Comenge, Marc Girard

Study Type : Commentary

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccinations is associated with autoimmune hazards.](#) - GMI Summary

Pubmed Data : Autoimmun Rev. 2005 Feb;4(2):96-100. PMID: [15722255](#)

Article Published Date : Feb 01, 2005

Authors : Marc Girard

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[The demyelinating effect of hepatitis B vaccination could be due to the contamination of the vaccine by partial hepatitis B virus polymerase.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2005;65(3):509-20. PMID: [15908138](#)

Article Published Date : Jan 01, 2005

Authors : E Faure

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[The hepatitis B vaccine may induce autoimmune demyelinating disease through the molecular mimicry that exists between the vaccine antigen, Epstein-Barr virus and human myelin.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2008;70(2):346-8. Epub 2007 Jul 13. PMID: [17630224](#)

Article Published Date : Jan 01, 2008

Authors : Burton A Waisbren

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Epstein-Barr Virus Infections : CK\(100\) : AC\(43\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.](#) - GMI Summary

Pubmed Data : JAMA. 1994 May 25;271(20):1602-5. PMID: [8182813](#)

Article Published Date : May 25, 1994

Authors : K R Stratton, C J Howe, R B Johnston

Study Type : Review

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Neuritis: Brachial Plexus : CK\(1\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Topic: Infant Mortality

[38,787 adverse events including infant death \(highest in 1-3 month olds\) after vaccination were reported between 1991-1994. \(The authors speciously claim SIDS and not vaccination caused these deaths\).](#) - GMI Summary

Pubmed Data : J Pediatr. 1997 Oct;131(4):529-35. PMID: [9386653](#)

Article Published Date : Oct 01, 1997

Authors : M M Braun, S S Ellenberg

Study Type : Meta Analysis

Additional Links

Diseases : [Hearing Loss: Sudden : CK\(30\) : AC\(3\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Over 600 cases of sudden infant death syndrome following vaccination were reported from 1990-1997.](#) - GMI Summary

Pubmed Data : Pharmacoepidemiol Drug Saf. 2001 Jun-Jul;10(4):279-85. PMID: [11760487](#)

Article Published Date : Jun 01, 2001

Authors : L E Silvers, S S Ellenberg, R P Wise, F E Varricchio, G T Mootrey, M E Salive

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Mortality : CK\(229\) : AC\(23\)](#), [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[There is a highly statistically significant correlation between increasing number of vaccine doses and increasing infant mortality rates.](#) - GMI Summary

Pubmed Data : Hum Exp Toxicol. 2011 May 4. Epub 2011 May 4. PMID: [21543527](#)

Article Published Date : May 04, 2011

Authors : Neil Z Miller, Gary S Goldman

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Among female infants, those who receive both BCG and DTP vaccines experience higher mortality than those who receive only one of the two vaccines.](#) - GMI Summary

Pubmed Data : Trop Med Int Health. 2005 Oct;10(10):947-55. PMID: [16185228](#)

Article Published Date : Oct 01, 2005

Authors : Lawrence H Moulton, Lakshmi Rahmathullah, Neal A Halsey, R D Thulasiraj, Joanne Katz, James M Tielsch

Study Type : Human Study

Additional Links

Diseases : [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Diphtheria-tetanus-peteruss vaccines increase child mortality in rural Guinea-Bissau.](#) - GMI Summary

Pubmed Data : Int J Epidemiol. 2004 Apr;33(2):374-80. PMID: [15082643](#)

Article Published Date : Apr 01, 2004

Authors : Peter Aaby, Henrik Jensen, Joaquim Gomes, Manual Fernandes, Ida Maria Lisse

Study Type : Human Study

Additional Links

Diseases : [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The association with DTwP vaccines and increased infant mortality in females may be due to vaccine adjuvants and Th2 polarizing effects.](#) - GMI Summary

Pubmed Data : J Trop Med. 2011 ;2011:706304. Epub 2011 May 5. PMID: [21760811](#)

Article Published Date : Jan 01, 2011

Authors : Mogens Helweg Claesson

Study Type : Human Study

Additional Links

Diseases : [Immune Dysregulation: TH1/TH2 imbalance : CK\(146\) : AC\(36\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccinaton: Diphtheria : CK\(50\) : AC\(2\)](#)

Problem Substances : [Adjuvant : CK\(18\) : AC\(6\)](#), [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

[Hepatitis B vaccination has been linked to anaphylactic shock and death in infants.](#) - GMI Summary

Pubmed Data : Adv Exp Med Biol. 1990;272:183-95. PMID: [20077677](#)

Article Published Date : Jan 01, 1990

Authors : Fu-Zhen Wang, Fu-Qiang Cui, Da-Wei Liu

Study Type : Human: Case Report

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Vaccines and flu shots containing mercury may contribute to severe neurological diseases and/or death in children.](#) - GMI Summary

Pubmed Data : J Pediatr. 2009 Apr;154(4):514-520.e4. Epub 2008 Dec 3. PMID: [19205900](#)

Article Published Date : Apr 01, 2009

Authors : Donald A Drum

Study Type : Commentary

Additional Links

Diseases : [Attention Deficit Disorder : CK\(134\) : AC\(12\)](#), [Attention Deficit Disorder with Hyperactivity : CK\(240\) : AC\(30\)](#), [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Child Mortality : CK\(64\) : AC\(8\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Mental Retardation : CK\(71\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Autism Spectrum Disorders](#)

[Thimerosal-containing vaccines are associated with autism prevalence and measles-containing vaccines are associated with serious neurological disorders.](#) - GMI Summary

Pubmed Data : Med Sci Monit. 2004 Mar;10(3):PI33-9. Epub 2004 Mar 1. PMID: [14976450](#)

Article Published Date : Mar 01, 2004

Authors : David A Geier, Mark R Geier

Study Type : Meta Analysis

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Aluminum vaccine adjuvants appear to contribute to the rising prevalence of autism.](#) - GMI Summary

Pubmed Data : J Inorg Biochem. 2011 Nov ;105(11):1489-99. Epub 2011 Aug 23. PMID: [22099159](#)

Article Published Date : Nov 01, 2011

Authors : Lucija Tomljenovic, Christopher A Shaw

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#)

Adverse Pharmacological Actions : [Immunotoxic : CK\(230\) : AC\(38\)](#), [Neurotoxic : CK\(1076\) : AC\(179\)](#)

[Autistic children have elevated levels of measles antibodies indicating that measles vaccination may be causing autoimmunity in these children.](#) - GMI Summary

Pubmed Data : Pediatr Neurol. 2003 Apr;28(4):292-4. PMID: [12849883](#)

Article Published Date : Apr 01, 2003

Authors : Vijendra K Singh, Ryan L Jensen

Study Type : Human Study

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Measles virus DNA from the MMR vaccine has been found in peripheral mononuclear cells in patients with ulcerative colitis and children with autism, indicating its possible role in the pathogenesis of these disorders.](#) - GMI Summary

Pubmed Data : Dig Dis Sci. 2000 Apr;45(4):723-9. PMID: [10759242](#)

Article Published Date : Apr 01, 2000

Authors : H Kawashima, T Mori, Y Kashiwagi, K Takekuma, A Hoshika, A Wakefield

Study Type : Human Study

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Inflammatory Bowel Diseases : CK\(1227\) : AC\(103\)](#), [Ulcerative Colitis : CK\(429\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein \(the protective coating of the nerves\) contributing to the pathogenesis of autism. - GMI Summary](#)

Pubmed Data : J Biomed Sci. 2002 Jul-Aug;9(4):359-64. PMID: [12145534](#)

Article Published Date : Jul 01, 2002

Authors : Vijendra K Singh, Sheren X Lin, Elizabeth Newell, Courtney Nelson

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[There is a positive association between autism prevalence and childhood vaccination uptake across the U.S. population. - GMI Summary](#)

Pubmed Data : J Toxicol Environ Health A. 2011 Jan ;74(14):903-16. PMID: [21623535](#)

Article Published Date : Jan 01, 2011

Authors : Gayle DeLong

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Autism spectrum disorders are associated with vaccination, heavy metal toxicity and excitotoxicity. - GMI Summary](#)

Pubmed Data : Altern Ther Health Med. 2008 Nov-Dec;14(6):46-53. PMID: [19043938](#)

Article Published Date : Nov 01, 2008

Authors : Russell L Blaylock

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Excitotoxicity : CK\(56\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Autoimmune autistic disorder, a major subset of autism, is associated with autoantibody formation caused by viral \(wild and vaccine-induced\) infection. - GMI Summary](#)

Pubmed Data : Ann Clin Psychiatry. 2009 Jul-Sep;21(3):148-61. PMID: [19758536](#)

Article Published Date : Jul 01, 2009

Authors : Vijendra K Singh

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Biological assays lend support to the association between measles virus or MMR](#)

and autism. - GMI Summary

Pubmed Data : J Neurovirol. 2005 Feb ;11(1):1-10. PMID: [15804954](#)

Article Published Date : Jan 31, 2005

Authors : Jane E Libbey, Thayne L Sweeten, William M McMahon, Robert S Fujinami

Study Type : Review

Additional Links

Diseases : [Autism Spectrum Disorders](#) : CK(1140) : AC(108)

Anti Therapeutic Actions : [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

Conjugate vaccines may predispose children to autism spectrum disorders. - GMI Summary

Pubmed Data : Med Hypotheses. 2011 Oct 10. Epub 2011 Oct 10. PMID: [21993250](#)

Article Published Date : Oct 10, 2011

Authors : Brian J Richmand

Study Type : Review

Additional Links

Diseases : [Autism](#) : CK(1262) : AC(65), [Autism Spectrum Disorders](#) : CK(1140) : AC(108)

Anti Therapeutic Actions : [Vaccination: Conjugate Vaccines](#) : CK(1) : AC(1), [Vaccination: Haemophilus Influenzae](#) : CK(32) : AC(4), [Vaccination: Streptococcus Pneumoniae](#) : CK(1) : AC(1)

MMR vaccine may induce autoantibody formation against the gut (secretin or its receptor) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder. - GMI Summary

Pubmed Data : Med Hypotheses. 2003 May;60(5):650-3. PMID: [12710897](#)

Article Published Date : May 01, 2003

Authors : Bijal K Mehta, Kerim M Munir

Study Type : Commentary

Additional Links

Diseases : [Autism](#) : CK(1262) : AC(65), [Autism Spectrum Disorders](#) : CK(1140) : AC(108), [Autoimmune Diseases](#) : CK(5317) : AC(779), [Measles](#) : CK(193) : AC(8)

Additional Keywords : [Molecular Mimicry](#) : CK(47) : AC(10)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

The epidemic of autism may be linked to both vaccinations and mitochondrial diseases. - GMI Summary

Pubmed Data : Clin Exp Pharmacol Physiol. 2004 Dec;31 Suppl 2:S51-3 PMID: [19043939](#)

Article Published Date : Dec 01, 2004

Authors : Stephanie F Cave

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders](#) : CK(1140) : AC(108), [Mercury Poisoning](#) : CK(162) : AC(44), [Mitochondrial Diseases](#) : CK(149) : AC(50), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Diseases that are Linked](#) : CK(2122) : AC(270)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Vaccination may be contributing to autoimmune disease. - GMI Summary

Pubmed Data : J Autoimmun. 2000 Feb;14(1):1-10. PMID: [10648110](#)

Article Published Date : Feb 01, 2000

Authors : Y Shoenfeld, A Aron-Maor

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders](#) : CK(1140) : AC(108), [Autoimmune Diseases](#) : CK(5317) : AC(779), [Multiple Sclerosis](#) : CK(716) : AC(133), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Vaccines and flu shots containing mercury may contribute to severe neurological diseases and/or death in children. - GMI Summary

Pubmed Data : J Pediatr. 2009 Apr;154(4):514-520.e4. Epub 2008 Dec 3. PMID: [19205900](#)

Article Published Date : Apr 01, 2009

Authors : Donald A Drum

Study Type : Commentary

Additional Links

Diseases : [Attention Deficit Disorder : CK\(134\) : AC\(12\)](#), [Attention Deficit Disorder with Hyperactivity : CK\(240\) : AC\(30\)](#), [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Child Mortality : CK\(64\) : AC\(8\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Mental Retardation : CK\(71\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Autism

Male newborns vaccinated with hepatitis B prior to 1999 had a 3-fold higher risk for parentally reported autism. - GMI Summary

Pubmed Data : J Toxicol Environ Health A. 2010 Jan;73(24):1665-77. PMID: [21058170](#)

Article Published Date : Jan 01, 2010

Authors : Carolyn M Gallagher, Melody S Goodman

Study Type : Meta Analysis

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Thimerosal-containing vaccines are associated with autism prevalence and measles-containing vaccines are associated with serious neurological disorders. - GMI Summary

Pubmed Data : Med Sci Monit. 2004 Mar;10(3):PI33-9. Epub 2004 Mar 1. PMID: [14976450](#)

Article Published Date : Mar 01, 2004

Authors : David A Geier, Mark R Geier

Study Type : Meta Analysis

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Aluminum vaccine adjuvants appear to contribute to the rising prevalence of autism. - GMI Summary

Pubmed Data : J Inorg Biochem. 2011 Nov ;105(11):1489-99. Epub 2011 Aug 23. PMID: [22099159](#)

Article Published Date : Nov 01, 2011

Authors : Lucija Tomljenovic, Christopher A Shaw

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#)

Adverse Pharmacological Actions : [Immunotoxic : CK\(230\) : AC\(38\)](#), [Neurotoxic : CK\(1076\) : AC\(179\)](#)

The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein (the protective coating of the nerves) contributing to the pathogenesis of autism. - GMI Summary

Pubmed Data : J Biomed Sci. 2002 Jul-Aug;9(4):359-64. PMID: [12145534](#)

Article Published Date : Jul 01, 2002

Authors : Vijendra K Singh, Sheren X Lin, Elizabeth Newell, Courtney Nelson

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[There is a positive association between autism prevalence and childhood vaccination uptake across the U.S. population. - GMI Summary](#)

Pubmed Data : J Toxicol Environ Health A. 2011 Jan ;74(14):903-16. PMID: [21623535](#)

Article Published Date : Jan 01, 2011

Authors : Gayle Delong

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Autoimmune autistic disorder, a major subset of autism, is associated with autoantibody formation caused by viral \(wild and vaccine-induced\) infection. - GMI Summary](#)

Pubmed Data : Ann Clin Psychiatry. 2009 Jul-Sep;21(3):148-61. PMID: [19758536](#)

Article Published Date : Jul 01, 2009

Authors : Vijendra K Singh

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Conjugate vaccines may predispose children to autism spectrum disorders. - GMI Summary](#)

Pubmed Data : Med Hypotheses. 2011 Oct 10. Epub 2011 Oct 10. PMID: [21993250](#)

Article Published Date : Oct 10, 2011

Authors : Brian J Richmand

Study Type : Review

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#)

Anti Therapeutic Actions : [Vaccination: Conjugate Vaccines : CK\(1\) : AC\(1\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Streptococcus Pneumoniae : CK\(1\) : AC\(1\)](#)

[MMR vaccine may induce autoantibody formation against the gut \(secretin or its receptor\) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder. - GMI Summary](#)

Pubmed Data : Med Hypotheses. 2003 May;60(5):650-3. PMID: [12710897](#)

Article Published Date : May 01, 2003

Authors : Bijal K Mehta, Kerim M Munir

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella](#)

(MMR) : CK(228) : AC(26)

The hepatitis B vaccine may induce autoimmune demyelinating disease through the molecular mimicry that exists between the vaccine antigen, Epstein-Barr virus and human myelin. - GMI Summary

Pubmed Data : Med Hypotheses. 2008;70(2):346-8. Epub 2007 Jul 13. PMID: [17630224](#)

Article Published Date : Jan 01, 2008

Authors : Burton A Waisbren

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Epstein-Barr Virus Infections : CK\(100\) : AC\(43\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Vaccines and flu shots containing mercury may contribute to severe neurological diseases and/or death in children. - GMI Summary

Pubmed Data : J Pediatr. 2009 Apr;154(4):514-520.e4. Epub 2008 Dec 3. PMID: [19205900](#)

Article Published Date : Apr 01, 2009

Authors : Donald A Drum

Study Type : Commentary

Additional Links

Diseases : [Attention Deficit Disorder : CK\(134\) : AC\(12\)](#), [Attention Deficit Disorder with Hyperactivity : CK\(240\) : AC\(30\)](#), [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Child Mortality : CK\(64\) : AC\(8\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Mental Retardation : CK\(71\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Rubella](#)

"The design and reporting of safety outcomes in MMR vaccine studies, both pre- and post-marketing, are largely inadequate." - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2012 ;2:CD004407. Epub 2012 Feb 15. PMID: [22336803](#)

Article Published Date : Dec 31, 2011

Authors : Vittorio Demicheli, Alessandro Rivetti, Maria Grazia Debalini, Carlo Di Pietrantonj

Study Type : Meta Analysis

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Mumps : CK\(41\) : AC\(1\)](#), [Rubella : CK\(54\) : AC\(4\)](#)

Additional Keywords : [Rubella : CK\(54\) : AC\(4\)](#), [Vaccine Safety : CK\(21\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Congenital malformation is a possible consequence of rubella vaccination during pregnancy. - GMI Summary

Pubmed Data : JAMA. 1981 Sep 25;246(13):1413-7. PMID: [7265443](#)

Article Published Date : Sep 25, 1981

Authors : S R Preblud, H C Stetler, J A Frank, W L Greaves, A R Hinman, K L Herrmann

Study Type : Human Study

Additional Links

Diseases : [Birth Defects : CK\(196\) : AC\(37\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

In one study on rubella vaccination in 19 pregnant women, 9 aborted, 8 induced and 1 spontaneously. - GMI Summary

Pubmed Data : Int Ophthalmol Clin. 1975;15(4):229-41. PMID: [773881](#)

Article Published Date : Jan 01, 1975

Authors : V Boniuk

Study Type : Human Study

Additional Links

Diseases : [Cataract : CK\(182\) : AC\(55\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Measles, mumps, and rubella catch up immunisation in a measles epidemic did not appear to confer protection and was associated with a variety of new side effects of the vaccine. - GMI Summary

Pubmed Data : BMJ. 1995 Jun 24 ;310(6995):1629-32. PMID: [7795447](#)

Article Published Date : Jun 23, 1995

Authors : R J Roberts, Q D Sandifer, M R Evans, M Z Nolan-Farrell, P M Davis

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Mumps : CK\(41\) : AC\(1\)](#), [Rubella : CK\(54\) : AC\(4\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination. - GMI Summary

Pubmed Data : J Neurosci Res. 2001 Sep 1;65(5):446-54. PMID: [11536329](#)

Article Published Date : Sep 01, 2001

Authors : C Besson Duvanel, P Honegger, J M Matthieu

Study Type : Animal Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

During the first five yeras of rubella immunizations in adults concerns emerged about the possibility that the vaccines do harm to the fetus in pregnant women. - GMI Summary

Pubmed Data : Am J Obstet Gynecol. 1976 Feb 15;124(4):327-32. PMID: [1251853](#)

Article Published Date : Feb 15, 1976

Authors : M Siegel

Study Type : Review

Additional Links

Diseases : [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Thrombocytopenia

Over 1,000 confirmed cases of vaccine-induced thrombocytopenia were reported between 1990-2008. - GMI Summary

Pubmed Data : Vaccine. 2010 Nov 29. Epub 2010 Nov 29. PMID: [21126606](#)

Article Published Date : Nov 29, 2010

Authors : Emily Jane Woo, Robert P Wise, David Menschik, Sean V Shadomy, John Iskander, Judy Beeler, Frederick Varricchio, Robert Ball

Study Type : Meta Analysis

Additional Links

Diseases : [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Hepatitis B vaccination is associated with a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination significantly increases the risk of a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Autoimmunity. 2005 Jun;38(4):295-301. PMID: [16206512](#)

Article Published Date : Jun 01, 2005

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Alopecia : CK\(131\) : AC\(28\)](#), [Arthritis : CK\(1430\) : AC\(218\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Measles-mumps-rubella vaccine that is given in the second year of life is associated with an increased risk of immune thrombocytopenia purpura.](#) - GMI Summary

Pubmed Data : Pediatrics. 2008 Mar;121(3):e687-92. PMID: [18310189](#)

Article Published Date : Mar 01, 2008

Authors : Eric K France, Jason Glanz, Stanley Xu, Simon Hambidge, Kristi Yamasaki, Steve B Black, Michael Marcy, John P Mullooly, Lisa A Jackson, James Nordin, Edward A Belongia, K Hohman, Robert T Chen, Robert Davis,

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[MMR vaccination is associated with an increased risk for idiopathic thrombocytopaenic purpura.](#) - GMI Summary

Pubmed Data : Br J Clin Pharmacol. 2003 Jan;55(1):107-11. PMID: [12534647](#)

Article Published Date : Jan 01, 2003

Authors : Corri Black, James A Kaye, Hershel Jick

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[MMR vaccination is associated with an increased risk of developing acute immune thrombocytopenia in childhood.](#) - GMI Summary

Pubmed Data : Drug Saf. 2010;33(1):65-72. PMID: [20000868](#)

Article Published Date : Jan 01, 2010

Authors : Federica Bertuola, Carla Morando, Francesca Menniti-Ippolito, Roberto Da Cas, Annalisa Capuano, Giorgio Perilongo, Liviana Da Dalt

Study Type : Human Study

Additional Links

Diseases : [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Vaccination is associated with thrombocytopenic purpura in children.](#) - GMI Summary

Pubmed Data : Vaccine. 2007 Feb 26;25(10):1838-40. Epub 2006 Nov 9. PMID: [17126957](#)

Article Published Date : Feb 26, 2007

Authors : J Rajantie, B Zeller, I Treutiger, S Rosthøj,

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Development of fulminant Type 1 diabetes with thrombocytopenia after influenza vaccination has been observed.](#) - GMI Summary

Pubmed Data : Diabet Med. 2011 Jul 22. Epub 2011 Jul 22. PMID: [21781156](#)

Article Published Date : Jul 22, 2011

Authors : H Yasuda, M Nagata, H Moriyama, H Kobayashi, T Akisaki, H Ueda, K Hara, K Yokono

Study Type : Human: Case Report

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Diabetes Mellitus: Type 1 : CK\(1107\) : AC\(218\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Topic: Pregnancy: Vaccination](#)

[Maternal influenza vaccination during pregnancy does not reduce the incidence of acute respiratory illness visits among infants.](#) - GMI Summary

Pubmed Data : Cancer Sci. 2004 Jul;95(7):596-601. PMID: [17146026](#)

Article Published Date : Jul 01, 2004

Authors : Eric K France, Renae Smith-Ray, David McClure, Simon Hambidge, Stanley Xu, Kristi Yamasaki, David Shay, Eric Weintraub, Alicia M Fry, Steve B Black, Henry R Shinefield, John P Moolooly, Lisa A Jackson

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Congenital malformation is a possible consequence of rubella vaccination during pregnancy. - GMI Summary

Pubmed Data : JAMA. 1981 Sep 25;246(13):1413-7. PMID: [7265443](#)

Article Published Date : Sep 25, 1981

Authors : S R Preblud, H C Stetler, J A Frank, W L Greaves, A R Hinman, K L Herrmann

Study Type : Human Study

Additional Links

Diseases : [Birth Defects : CK\(196\) : AC\(37\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclampsia and adverse outcomes such as preterm birth. - GMI Summary

Pubmed Data : Vaccine. 2011 Sep 20. Epub 2011 Sep 20. PMID: [21945263](#)

Article Published Date : Sep 20, 2011

Authors : Lisa M Christian, Jay D Iams, Kyle Porter, Ronald Glaser

Study Type : Human Study

Additional Links

Diseases : [CRP : CK\(30\) : AC\(3\)](#), [Elevated CRP : CK\(72\) : AC\(8\)](#), [Pre-Eclampsia : CK\(309\) : AC\(33\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Pregnancy Complications : CK\(166\) : AC\(19\)](#), [Preterm Birth: Prevention : CK\(111\) : AC\(9\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Interleukin-6 up-regulation : CK\(14\) : AC\(3\)](#), [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

In one study on rubella vaccination in 19 pregnant women, 9 aborted, 8 induced and 1 spontaneously. - GMI Summary

Pubmed Data : Int Ophthalmol Clin. 1975;15(4):229-41. PMID: [773881](#)

Article Published Date : Jan 01, 1975

Authors : V Boniuk

Study Type : Human Study

Additional Links

Diseases : [Cataract : CK\(182\) : AC\(55\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

During the first five yeras of rubella immunizations in adults concerns emerged about the possibility that the vaccines do harm to the fetus in pregnant women. - GMI Summary

Pubmed Data : Am J Obstet Gynecol. 1976 Feb 15;124(4):327-32. PMID: [1251853](#)

Article Published Date : Feb 15, 1976

Authors : M Siegel

Study Type : Review

Additional Links

Diseases : [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Autoimmune Diseases

Hepatitis B vaccination is associated with a wide range of autoimmune diseases. - GMI Summary

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hepatitis B vaccination may contribute to autoimmune demyelinating complications due to immunological cross-reactivity between Hepatitis B virus surface antigen and myelin basic protein. - GMI Summary

Pubmed Data : Clin Dev Immunol. 2005 Sep;12(3):217-24. PMID: [16295528](#)

Article Published Date : Sep 01, 2005

Authors : Dimitrios-Petrou Bogdanos, Heather Smith, Yun Ma, Harold Baum, Giorgina Mieli-Vergani, Diego Vergani

Study Type : Human Study

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Hepatitis B Vaccine : CK\(30\) : AC\(2\)](#), [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Swine and influenza vaccines induce anti-ganglioside antibodies associated with autoimmune neuropathies such as Guillain-Barre syndrome. - GMI Summary

Pubmed Data : J Infect Dis. 2008 Jul 15;198(2):226-33. PMID: [18522505](#)

Article Published Date : Jul 15, 2008

Authors : Irving Nachamkin, Sean V Shadomy, Anthony P Moran, Nancy Cox, Collette Fitzgerald, Huong Ung, Adrian T Corcoran, John K Iskander, Lawrence B Schonberger, Robert T Chen

Study Type : Human Study

Additional Links

Diseases : [Acute Autoimmune Neuropathy : CK\(104\) : AC\(2\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Influenza Vaccine : CK\(10\) : AC\(1\)](#), [Swine Flu Vaccine : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein (the protective coating of the nerves) contributing to the pathogenesis of autism. - GMI Summary

Pubmed Data : J Biomed Sci. 2002 Jul-Aug;9(4):359-64. PMID: [12145534](#)

Article Published Date : Jul 01, 2002

Authors : Vijendra K Singh, Sheren X Lin, Elizabeth Newell, Courtney Nelson

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Autoimmunity following hepatitis B vaccine has been reported.](#) - GMI Summary

Pubmed Data : Lupus. 2012 Feb ;21(2):146-52. PMID: [22235045](#)

Article Published Date : Jan 31, 2012

Authors : Y Zafrir, N Agmon-Levin, Z Paz, T Shilton, Y Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Adverse Pharmacological Actions : [Immunotoxic : CK\(230\) : AC\(38\)](#)

[Development of fulminant Type 1 diabetes with thrombocytopenia after influenza vaccination has been observed.](#) - GMI Summary

Pubmed Data : Diabet Med. 2011 Jul 22. Epub 2011 Jul 22. PMID: [21781156](#)

Article Published Date : Jul 22, 2011

Authors : H Yasuda, M Nagata, H Moriyama, H Kobayashi, T Akisaki, H Ueda, K Hara, K Yokono

Study Type : Human: Case Report

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Diabetes Mellitus: Type 1 : CK\(1107\) : AC\(218\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Adult rubella and adult hepatitis B vaccines were statistically associated with chronic arthritis which persisted for at least one year.](#) - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2002 Nov-Dec;20(6):767-71. PMID: [12508767](#)

Article Published Date : Nov 01, 2002

Authors : D A Geier, M R Geier

Study Type : Animal Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[The mercury containing vaccine adjuvant known as thimerosal has immunosuppressive and autoimmune effects in mice.](#) - GMI Summary

Pubmed Data : Toxicol Appl Pharmacol. 2005 Apr 15;204(2):109-21. PMID: [15808517](#)

Article Published Date : Apr 15, 2005

Authors : S Havarinasab, B Häggqvist, E Björn, K M Pollard, P Hultman

Study Type : Animal Study

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

["Mechanisms of aluminum adjuvant toxicity and autoimmunity in pediatric populations."](#) - GMI Summary

Pubmed Data : Lupus. 2012 ;21(2):223-30. PMID: [22235057](#)

Article Published Date : Jan 01, 2012

Authors : L Tomljenovic, Ca Shaw

Study Type : Review

Additional Links

Diseases : [Aluminum Toxicity : CK\(107\) : AC\(36\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum : CK\(154\) : AC\(41\)](#), [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine](#)

[Adjuvants in vaccines may trigger innate cells response by toll-like receptors, thus eliciting a possible non-IgE mediated allergy phenomenon or causing B-cell activation and autoimmunity.](#) - GMI Summary

Pubmed Data : Hum Vaccin. 2011 Aug 1 ;7(8). Epub 2011 Aug 1. PMID: [21785282](#)

Article Published Date : Aug 01, 2011

Authors : Salvatore Chirumbolo

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hypersensitivity : CK\(64\) : AC\(15\)](#), [Immune Disorders: B-Cell Over-Activity : CK\(2\) : AC\(2\)](#), [Immune Dysregulation: TH1/TH2 imbalance : CK\(146\) : AC\(36\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Adjuvant : CK\(18\) : AC\(6\)](#)

[Autoimmune autistic disorder, a major subset of autism, is associated with autoantibody formation caused by viral \(wild and vaccine-induced\) infection.](#) - GMI Summary

Pubmed Data : Ann Clin Psychiatry. 2009 Jul-Sep;21(3):148-61. PMID: [19758536](#)

Article Published Date : Jul 01, 2009

Authors : Vijendra K Singh

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Hepatitis B vaccinations is associated with autoimmune hazards.](#) - GMI Summary

Pubmed Data : Autoimmun Rev. 2005 Feb;4(2):96-100. PMID: [15722255](#)

Article Published Date : Feb 01, 2005

Authors : Marc Girard

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccines have a potential to occasionally trigger the onset of immune diseases in individuals with an underlying genetic or immunological susceptibility.](#) - GMI Summary

Pubmed Data : J Neurol Sci. 2010 May 15;292(1-2):1-4. Epub 2010 Mar 7. PMID: [20207367](#)

Article Published Date : May 15, 2010

Authors : Joerg-Patrick Stübgen

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Dermatomyositis : CK\(44\) : AC\(10\)](#), [Myasthenia Gravis : CK\(82\) : AC\(14\)](#), [Neuromuscular Diseases : CK\(16\) : AC\(4\)](#), [Neuropathies : CK\(450\) : AC\(67\)](#), [Polyarteritis Nodosa : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Infection and vaccines are triggers for autoimmune disease.](#) - GMI Summary

Pubmed Data : Autoimmunity. 2005 May;38(3):235-45. PMID: [16126512](#)

Article Published Date : May 01, 2005

Authors : Vered Molina, Yehuda Shoenfeld

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[MMR vaccine may induce autoantibody formation against the gut \(secretin or its receptor\) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2003 May;60(5):650-3. PMID: [12710897](#)

Article Published Date : May 01, 2003

Authors : Bijal K Mehta, Kerim M Munir

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Swine flu vaccine adjuvants may cause harm in patients with autoimmune diseases such as multiple sclerosis.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2010 Feb 18. Epub 2010 Feb 18. PMID: [20171793](#)

Article Published Date : Feb 18, 2010

Authors : Serefnur Oztürk

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[The demyelinating effect of hepatitis B vaccination could be due to the contamination of the vaccine by partial hepatitis B virus polymerase.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2005;65(3):509-20. PMID: [15908138](#)

Article Published Date : Jan 01, 2005

Authors : E Faure

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[The hepatitis B vaccine may induce autoimmune demyelinating disease through the molecular mimicry that exists between the vaccine antigen, Epstein-Barr virus and human myelin.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2008;70(2):346-8. Epub 2007 Jul 13. PMID: [17630224](#)

Article Published Date : Jan 01, 2008

Authors : Burton A Waisbren

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Epstein-Barr Virus Infections : CK\(100\) : AC\(43\)](#), [Hepatitis B : CK\(226\) :](#)

[AC\(39\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

The HPV16 vaccine carries with it significant cross-reactivity risk due to the homologies that exist between the HPV and human proteome. - GMI Summary

Pubmed Data : J Exp Ther Oncol. 2009;8(1):65-76. PMID: [19827272](#)

Article Published Date : Jan 01, 2009

Authors : Darja Kanduc

Study Type : In Vitro Study

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

Vaccination may be contributing to autoimmune disease. - GMI Summary

Pubmed Data : J Autoimmun. 2000 Feb;14(1):1-10. PMID: [10648110](#)

Article Published Date : Feb 01, 2000

Authors : Y Shoenfeld, A Aron-Maor

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Viruses (wild-type or recombinant vaccine-type) can silently prime for and trigger central nervous system autoimmune disease. - GMI Summary

Pubmed Data : J Neurovirol. 2001 Jun;7(3):220-7. PMID: [11517396](#)

Article Published Date : Jun 01, 2001

Authors : D J Theil, I Tsunoda, F Rodriguez, J L Whitton, R S Fujinami

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Additional Keywords : [Diseases that are Linked : CK\(2122\) : AC\(270\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Influenza A](#)

[Inactivated flu vaccines have not been proven to be effective or safe in preventing influenza in healthy children under two. - GMI Summary](#)

Pubmed Data : Altern Ther Health Med. 2009 Sep-Oct;15(5):44-6. PMID: [18425905](#)

Article Published Date : Sep 01, 2009

Authors : Tom Jefferson, Alessandro Rivetti, Anthony Harnden, Carlo Di Pietrantonj, Vittorio Demicheli

Study Type : Meta Analysis

Additional Links

Diseases : [Cold and Flu: Infants & Children : CK\(62\) : AC\(6\)](#), [Infection: In Infants & Children : CK\(111\) : AC\(11\)](#), [Influenza A : CK\(305\) : AC\(73\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[There is little evidence supporting the belief that vaccines are effective in preventing influenza in healthy adults. - GMI Summary](#)

Pubmed Data : Cochrane Database Syst Rev. 2010(7):CD001269. Epub 2010 Jul 7. PMID: [20614424](#)

Article Published Date : Jan 01, 2010

Authors : Tom Jefferson, Carlo Di Pietrantonj, Alessandro Rivetti, Ghada A Bawazeer, Lubna A Al-Ansary, Eliana Ferroni

Study Type : Meta Analysis

Additional Links

Diseases : [Influenza A : CK\(305\) : AC\(73\)](#), [Influenza B : CK\(72\) : AC\(14\)](#)

Anti Therapeutic Actions : [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza A vaccination containing adjuvant causes cardiac autonomic dysfunction and inflammation which may transiently increase the risk of cardiovascular events. - GMI Summary](#)

Pubmed Data : J Intern Med. 2010 Sep 1. Epub 2010 Sep 1. PMID: [20964738](#)

Article Published Date : Sep 01, 2010

Authors : Gaetano A Lanza, Lucy Barone, Giancarla Scalone, Dario Pitocco, Gregory A Sgueglia, Roberto Mollo, Roberto Nerla, Francesco Zaccardi, Giovanni Ghirlanda, Filippo Crea

Study Type : Human Study

Additional Links

Diseases : [C-Reactive Protein : CK\(819\) : AC\(74\)](#), [Cardiovascular Diseases : CK\(5138\) : AC\(641\)](#), [Diabetes Mellitus: Type 2 : CK\(3492\) : AC\(341\)](#), [Influenza A : CK\(305\) : AC\(73\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Pharmacological Actions : [Interleukin-6 upregulation : CK\(26\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza-related mortality is not prevented with increasing vaccination coverage. - GMI Summary](#)

Pubmed Data : Vaccine. 2006 Oct 30;24(42-43):6468-75. Epub 2006 Jul 7. PMID: [16876293](#)

Article Published Date : Oct 30, 2006

Authors : Caterina Rizzo, Cécile Viboud, Emanuele Montomoli, Lone Simonsen, Mark A Miller

Study Type : Human Study

Additional Links

Diseases : [Influenza A : CK\(305\) : AC\(73\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Widening influenza vaccine coverage is not correlated with declining mortality rates in any age group. The benefits of vaccination are substantially overestimated. - GMI Summary](#)

Pubmed Data : Arch Intern Med. 2005 Feb 14;165(3):265-72. PMID: [15710788](#)

Article Published Date : Feb 14, 2005

Authors : Lone Simonsen, Thomas A Reichert, Cecile Viboud, William C Blackwelder, Robert J Taylor, Mark A Miller

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Influenza A : CK\(305\) : AC\(73\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: [Multiple Sclerosis](#)

[Children vaccinated with MMR before age 10 are at significantly higher risk of multiple sclerosis.](#) - GMI Summary

Pubmed Data : Eur J Epidemiol. 2009;24(9):541-52. Epub 2009 Jul 26. PMID: [19633994](#)

Article Published Date : Jan 01, 2009

Authors : Cecilia Ahlgren, Kjell Torén, Anders Odén, Oluf Andersen

Study Type : Human Study

Additional Links

Diseases : [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Hepatitis B vaccination coverage has fallen to beneath 30% in France due to concerns over safety.](#) - GMI Summary

Pubmed Data : J Clin Virol. 2009 Nov;46(3):202-5. Epub 2009 Aug 28. PMID: [19716764](#)

Article Published Date : Nov 01, 2009

Authors : Marta A Balinska

Study Type : Human Study

Additional Links

Diseases : [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination is associated with a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination is associated with an increased risk of CNS inflammatory demyelination after 3 years of age.](#) - GMI Summary

Pubmed Data : Reprod Toxicol. 2002 May-Jun;16(3):237-43. PMID: [18843097](#)

Article Published Date : May 01, 2002

Authors : Yann Mikaeloff, Guillaume Caridade, Samy Suissa, Marc Tardieu

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Inflammation : CK\(1077\) : AC\(363\)](#), [Multiple](#)

[Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine is associated with an increased risk of multiple sclerosis.](#) - GMI Summary

Pubmed Data : Neurology. 2004 Sep 14;63(5):838-42. PMID: [15365133](#)

Article Published Date : Sep 14, 2004

Authors : Miguel A Hernán, Susan S Jick, Michael J Olek, Hershel Jick

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Hepatitis B Vaccine : CK\(30\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination.](#) - GMI Summary

Pubmed Data : J Neurosci Res. 2001 Sep 1;65(5):446-54. PMID: [11536329](#)

Article Published Date : Sep 01, 2001

Authors : C Besson Duvanel, P Honegger, J M Matthieu

Study Type : Animal Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Hepatitis B vaccination has the potential to induce central demyelinating disorders such as multiple sclerosis.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2006;66(1):84-6. Epub 2005 Sep 19. PMID: [16176857](#)

Article Published Date : Jan 01, 2006

Authors : Yannick Comenge, Marc Girard

Study Type : Commentary

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Swine flu vaccine adjuvants may cause harm in patients with autoimmune diseases such as multiple sclerosis.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2010 Feb 18. Epub 2010 Feb 18. PMID: [20171793](#)

Article Published Date : Feb 18, 2010

Authors : Serefnur Oztürk

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[The demyelinating effect of hepatitis B vaccination could be due to the contamination of the vaccine by partial hepatitis B virus polymerase.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2005;65(3):509-20. PMID: [15908138](#)

Article Published Date : Jan 01, 2005

Authors : E Faure

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Vaccination may be contributing to autoimmune disease.](#) - GMI Summary

Pubmed Data : J Autoimmun. 2000 Feb;14(1):1-10. PMID: [10648110](#)

Article Published Date : Feb 01, 2000

Authors : Y Shoenfeld, A Aron-Maor

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination may contribute to causing a wide variety of autoimmune disorders.](#) - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Viruses \(wild-type or recombinant vaccine-type\) can silently prime for and trigger central nervous system autoimmune disease.](#) - GMI Summary

Pubmed Data : J Neurovirol. 2001 Jun;7(3):220-7. PMID: [11517396](#)

Article Published Date : Jun 01, 2001

Authors : D J Theil, I Tsunoda, F Rodriguez, J L Whitton, R S Fujinami

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Additional Keywords : [Diseases that are Linked : CK\(2122\) : AC\(270\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: Asthma

[Diphtheria immunisation is weakly associated with an increased risk of asthma by age 7 years.](#) - GMI Summary

Pubmed Data : Thorax. 2007 Mar;62(3):270-5. Epub 2006 Nov 7. PMID: [17090571](#)

Article Published Date : Mar 01, 2007

Authors : Kazunori Nakajima, Shyamali C Dharmage, John B Carlin, Cathryn L Wharton, Mark A Jenkins, Graham G Giles, Michael J Abramson, E Haydn Walters, John L Hopper

Study Type : Meta Analysis

Additional Links

Diseases : [Asthma : CK\(918\) : AC\(134\)](#), [Atopic Disease : CK\(91\) : AC\(9\)](#), [Hypersensitivity: Immediate : CK\(93\) : AC\(9\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria : CK\(50\) : AC\(2\)](#)

[DTP or tetanus vaccination increases the risk of allergies and related respiratory symptoms in children and adolescents. - GMI Summary](#)

Pubmed Data : J Manipulative Physiol Ther. 2000 Feb;23(2):81-90. PMID: [10714532](#)

Article Published Date : Feb 01, 2000

Authors : E L Hurwitz, H Morgenstern

Study Type : Meta Analysis

Additional Links

Diseases : [Allergies : CK\(502\) : AC\(92\)](#), [Allergies: Childhood : CK\(70\) : AC\(5\)](#), [Asthma : CK\(918\) : AC\(134\)](#), [Hypersensitivity : CK\(64\) : AC\(15\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease. - GMI Summary](#)

Pubmed Data : Pediatrics. 2003 Aug;112(2):e98-103. PMID: [12897314](#)

Article Published Date : Aug 01, 2003

Authors : Thomas Verstraeten, Aisha O Jumaan, John P Mullooly, Jane F Seward, Hector S Izurieta, Frank DeStefano, Steven B Black, Robert T Chen,

Study Type : Human Study

Additional Links

Diseases : [Asthma : CK\(918\) : AC\(134\)](#), [Chickenpox : CK\(80\) : AC\(8\)](#), [Corticosteroid-Induced Toxicity : CK\(78\) : AC\(17\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Topic: Vaccination: Abortion](#)

[Congenital malformation is a possible consequence of rubella vaccination during pregnancy. - GMI Summary](#)

Pubmed Data : JAMA. 1981 Sep 25;246(13):1413-7. PMID: [7265443](#)

Article Published Date : Sep 25, 1981

Authors : S R Preblud, H C Stetler, J A Frank, W L Greaves, A R Hinman, K L Herrmann

Study Type : Human Study

Additional Links

Diseases : [Birth Defects : CK\(196\) : AC\(37\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[In one study on rubella vaccination in 19 pregnant women, 9 aborted, 8 induced and 1 spontaneously. - GMI Summary](#)

Pubmed Data : Int Ophthalmol Clin. 1975;15(4):229-41. PMID: [773881](#)

Article Published Date : Jan 01, 1975

Authors : V Boniuk

Study Type : Human Study

Additional Links

Diseases : [Cataract : CK\(182\) : AC\(55\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)
Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[A vaccine developed for bison resulted in inducing placentitis and abortion in pregnant cows. - GMI Summary](#)

Pubmed Data : Am J Vet Res. 1996 Nov;57(11):1604-7. PMID: [8915438](#)

Article Published Date : Nov 01, 1996

Authors : M V Palmer, S C Olsen, M J Gilsdorf, L M Philo, P R Clarke, N F Cheville

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[An animal vaccine was identified as a possible cause of a series of lamb abortions. - GMI Summary](#)

Pubmed Data : Vaccine. 2010 Aug 9 ;28(35):5657-63. PMID: [20554095](#)

Article Published Date : Aug 09, 2010

Authors : Nicholas Wheelhouse, Kevin Aitchison, Karine Laroucau, Jill Thomson, David Longbottom

Study Type : Animal Study

Additional Links

Diseases : [Vaccination: Abortion : CK\(40\) : AC\(14\)](#)

[Pregnant cows vaccinated against a Brucella strain experienced an abortion rate of 58%. - GMI Summary](#)

Pubmed Data : J Wildl Dis. 1991 Apr;27(2):258-64. PMID: [1906114](#)

Article Published Date : Apr 01, 1991

Authors : D S Davis, J W Templeton, T A Ficht, J D Huber, R D Angus, L G Adams

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Pregnant cows vaccinated with live attenuated Smithburn Rift Valley virus had a high rate of abortions which were associated with elevations in IgG and IgM antibodies. - GMI Summary](#)

Pubmed Data : J Med Virol. 2006 Jun;78(6):787-91. PMID: [16628582](#)

Article Published Date : Jun 01, 2006

Authors : Boulos Botros, Adel Omar, Khairat Elian, Gihan Mohamed, Atef Soliman, Adel Salib, Diaa Salman, Magdi Saad, Kenneth Earhart

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever : CK\(4\) : AC\(2\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Rift Valley fever vaccine in goats cause severe deleterious pathological changes in liver especially in kids and causing abortion in pregnant does. - GMI Summary](#)

Pubmed Data : Virol J. 2009;6:94. Epub 2009 Jul 6. PMID: [19580675](#)

Article Published Date : Jan 01, 2009

Authors : Samia Ahmed Kamal

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever : CK\(4\) : AC\(2\)](#), [Rift Valley Fever : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[The vaccination of pregnant sheep resulted in abortions and hydranencephaly. - GMI Summary](#)

Pubmed Data : Int Immunopharmacol. 2005 Mar;5(3):555-69. PMID: [8825310](#)

Article Published Date : Mar 01, 2005

Authors : M Flanagan, S J Johnson

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Hydranencephaly : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[There are 76 factors \(cytokines/chemokines/growth factors/others\) that have been identified that are involved in various steps of the establishment of pregnancy and which could become targets/liabilities for vaccine-induced abortion/contraception. - GMI Summary](#)

Pubmed Data : Am J Reprod Immunol. 2011 Jul ;66(1):13-25. Epub 2011 Apr 11. PMID: [21481058](#)

Article Published Date : Jul 01, 2011

Authors : Angela R Lemons, Rajesh K Naz

Study Type : Animal Study

Additional Links

Diseases : [Vaccination: Abortion : CK\(40\) : AC\(14\)](#)

Additional Keywords : [Contraceptive Vaccines : CK\(6\) : AC\(3\)](#)

[There is evidence that a DNA vaccine exhibits anti-fertility properties. - GMI Summary](#)

Pubmed Data : Vaccine. 2011 Jul 12 ;29(31):4933-9. Epub 2011 May 17. PMID: [21596079](#)

Article Published Date : Jul 12, 2011

Authors : Meng-Fei Yu, Wen-Ning Fang, Gao-Feng Xiong, Ying Yang, Jing-Pian Peng

Study Type : Animal Study

Additional Links

Diseases : [Infertility : CK\(455\) : AC\(94\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Plasmid DNA Vaccines : CK\(3\) : AC\(2\)](#)

[Vaccination of pregnant monkeys resulted in abortions in 2 out of 25. - GMI Summary](#)

Pubmed Data : Am J Trop Med Hyg. 1991 Apr;44(4):382-9. PMID: [2042705](#)

Article Published Date : Apr 01, 1991

Authors : A Escajadillo, J K Frenkel

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

During the first five years of rubella immunizations in adults concerns emerged about the possibility that the vaccines do harm to the fetus in pregnant women.

- GMI Summary

Pubmed Data : Am J Obstet Gynecol. 1976 Feb 15;124(4):327-32. PMID: [1251853](#)

Article Published Date : Feb 15, 1976

Authors : M Siegel

Study Type : Review

Additional Links

Diseases : [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

The number of elective abortions following vaccination during pregnancy may be under-reported and could be substantial. - GMI Summary

Pubmed Data : Vaccine. 2008 May 2;26(19):2428-32. Epub 2008 Mar 17. PMID: [18406499](#)

Article Published Date : May 02, 2008

Authors : Soju Chang, Robert Ball, M Miles Braun

Study Type : Review

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Guillain-Barre Syndrome

Hepatitis B vaccination is associated with a wide range of autoimmune diseases. - GMI Summary

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

In the US the highest number of cases of Guillain-Barre syndrome are associated with influenza and hepatitis B vaccines. - GMI Summary

Pubmed Data : J Clin Neuromuscul Dis. 2009 Sep;11(1):1-6. PMID: [19730016](#)

Article Published Date : Sep 01, 2009

Authors : Nizar Souayah, Abu Nasar, M Fareed K Suri, Adnan I Qureshi

Study Type : Human Study

Additional Links

Diseases : [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Swine and influenza vaccines induce anti-ganglioside antibodies associated with autoimmune neuropathies such as Guillain-Barre syndrome. - GMI Summary

Pubmed Data : J Infect Dis. 2008 Jul 15;198(2):226-33. PMID: [18522505](#)

Article Published Date : Jul 15, 2008

Authors : Irving Nachamkin, Sean V Shadomy, Anthony P Moran, Nancy Cox, Collette Fitzgerald, Huong Ung, Adrian T Corcoran, John K Iskander, Lawrence B Schonberger, Robert T Chen

Study Type : Human Study

Additional Links

Diseases : [Acute Autoimmune Neuropathy](#) : CK(104) : AC(2), [Autoimmune Diseases](#) : CK(5317) : AC(779), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Influenza](#) : CK(654) : AC(102), [Swine Flu Associated Virus](#) : CK(156) : AC(33), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Influenza Vaccine](#) : CK(10) : AC(1), [Swine Flu Vaccine](#) : CK(10) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[There were 69 reports of Guillain-Barré Syndrome \(GBS\) after Gardasil vaccination that occurred in the United States between 2006 and 2009.](#) - GMI Summary

Pubmed Data : Vaccine. 2010 Sep 23. Epub 2010 Sep 23. PMID: [20869467](#)

Article Published Date : Sep 23, 2010

Authors : Nizar Souayah, P A Michas-Martin, Abu Nasar, Nataliya Krivitskaya, Hussam A Yacoub, Hafiz Khan, Adnan I Qureshi

Study Type : Human Study

Additional Links

Diseases : [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13)

[Guillain-Barré syndrome following H1N1 immunization in a pediatric patient has been reported.](#) - GMI Summary

Pubmed Data : Ann Pharmacother. 2010 Jul-Aug;44(7-8):1330-3. Epub 2010 May 18. PMID: [20484170](#)

Article Published Date : Jul 01, 2010

Authors : Marie-Eve Tremblay, Aurélie Closon, Guy D'Anjou, Jean-François Bussières

Study Type : Human: Case Report

Additional Links

Diseases : [Childhood Infections](#) : CK(275) : AC(29), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Influenza](#) : CK(654) : AC(102), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

[Guillain-Barré syndrome following hepatitis B vaccination has been reported.](#) - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2004 Nov-Dec;22(6):767-70. PMID: [15638054](#)

Article Published Date : Nov 01, 2004

Authors : M Khamaisi, Y Shoenfeld, H Orbach

Study Type : Human: Case Report

Additional Links

Diseases : [Guillain-Barre Syndrome](#) : CK(84) : AC(14)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.](#) - GMI Summary

Pubmed Data : JAMA. 1994 May 25;271(20):1602-5. PMID: [8182813](#)

Article Published Date : May 25, 1994

Authors : K R Stratton, C J Howe, R B Johnston

Study Type : Review

Additional Links

Diseases : [Anaphylaxis](#) : CK(54) : AC(15), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Hepatitis B](#) : CK(226) : AC(39), [Neuritis: Brachial Plexus](#) : CK(1) : AC(1), [Poliomyelitis](#) : CK(33) : AC(4), [Purpura: Thrombocytopenic](#) : CK(800) : AC(24), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Vaccination may contribute to causing a wide variety of autoimmune disorders. **- GMI Summary**

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: Myelitis

Vaccination is associated with a rare autoimmune neurological condition transverse myelitis. **- GMI Summary**

Pubmed Data : Lupus. 2009 Nov;18(13):1198-204. PMID: [19880568](#)

Article Published Date : Nov 01, 2009

Authors : N Agmon-Levin, S Kivity, M Szyper-Kravitz, Y Shoenfeld

Study Type : Meta Analysis

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Hepatitis B vaccination is associated with a wide range of autoimmune diseases. **- GMI Summary**

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Acute transverse myelitis after influenza vaccination has been reported. **- GMI Summary**

Pubmed Data : J Neuroimaging. 1996 Oct;6(4):248-50. PMID: [8903080](#)

Article Published Date : Oct 01, 1996

Authors : R Bakshi, J C Mazziotta

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Hepatitis B vaccine may induce myelitis in susceptible individuals.](#) - GMI Summary

Pubmed Data : Eur J Neurol. 2001 Nov;8(6):711-5. PMID: [11784358](#)

Article Published Date : Nov 01, 2001

Authors : F Karaali-Savrun, A Altıntaş, S Saip, A Siva

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Immune-mediated myelitis following hepatitis B vaccination has been reported.](#) - GMI Summary

Pubmed Data : Autoimmun Rev. 2012 Apr 1. Epub 2012 Apr 1. PMID: [22498789](#)

Article Published Date : Apr 01, 2012

Authors : Joerg-Patrick Stübgen

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[ransverse myelitis has been reported in association with a nasal attenuated novel influenza A\(H1N1\) vaccine.](#) - GMI Summary

Pubmed Data : Arch Neurol. 2010 Aug;67(8):1018-20. PMID: [20697056](#)

Article Published Date : Aug 01, 2010

Authors : Wafa Akkad, Bassel Salem, Jerome W Freeman, Mark K Huntington

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Nasal : CK\(3\) : AC\(1\)](#)

Topic: [Demyelinating Diseases](#)

[Hepatitis B vaccination is associated with an increased risk of CNS inflammatory demyelination after 3 years of age.](#) - GMI Summary

Pubmed Data : Reprod Toxicol. 2002 May-Jun;16(3):237-43. PMID: [18843097](#)

Article Published Date : May 01, 2002

Authors : Yann Mikaeloff, Guillaume Caridade, Samy Suissa, Marc Tardieu

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Inflammation : CK\(1077\) : AC\(363\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination may contribute to autoimmune demyelinating complications due to immunological cross-reactivity between Hepatitis B virus](#)

surface antigen and myelin basic protein. - GMI Summary

Pubmed Data : Clin Dev Immunol. 2005 Sep;12(3):217-24. PMID: [16295528](#)

Article Published Date : Sep 01, 2005

Authors : Dimitrios-Petrou Bogdanos, Heather Smith, Yun Ma, Harold Baum, Giorgina Mieli-Vergani, Diego Vergani

Study Type : Human Study

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Hepatitis B Vaccine : CK\(30\) : AC\(2\)](#), [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hepatitis B vaccine is associated with an increased risk of multiple sclerosis. - GMI Summary

Pubmed Data : Neurology. 2004 Sep 14;63(5):838-42. PMID: [15365133](#)

Article Published Date : Sep 14, 2004

Authors : Miguel A Hernán, Susan S Jick, Michael J Olek, Hershel Jick

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Hepatitis B Vaccine : CK\(30\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

HPV vaccination has been linked to demyelination. - GMI Summary

Pubmed Data : J Child Neurol. 2010 Mar;25(3):321-7. PMID: [20189933](#)

Article Published Date : Mar 01, 2010

Authors : Francis J DiMario, Mirna Hajjar, Thomas Ciesielski

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

Human Papilloma Virus (HPV) vaccine is associated with demyelinating events. - GMI Summary

Pubmed Data : Mult Scler. 2009 Jan;15(1):116-9. Epub 2008 Sep 19. PMID: [18805844](#)

Article Published Date : Jan 01, 2009

Authors : I Sutton, R Lahoria, II Tan, P Clouston, Mh Barnett

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [HPV : CK\(31\) : AC\(4\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [HPV Vaccine : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination. - GMI Summary

Pubmed Data : J Neurosci Res. 2001 Sep 1;65(5):446-54. PMID: [11536329](#)

Article Published Date : Sep 01, 2001

Authors : C Besson Duvanel, P Honegger, J M Matthieu

Study Type : Animal Study

Additional Links

Diseases : [Demyelinating Diseases](#) : CK(1278) : AC(250), [Multiple Sclerosis](#) : CK(716) : AC(133), [Rubella](#) : CK(54) : AC(4), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Molecular Mimicry](#) : CK(47) : AC(10)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

[Acute disseminated encephalomyelitis \(ADEM\) may be caused by vaccination.](#) - GMI Summary

Pubmed Data : J Clin Neurosci. 2008 Dec;15(12):1315-22. Epub 2008 Oct 30. PMID: [18976924](#)

Article Published Date : Dec 01, 2008

Authors : William Huynh, Dennis J Cordato, Elias Kehdi, Lynette T Masters, Chris Dedousis

Study Type : Commentary

Additional Links

Diseases : [Demyelinating Diseases](#) : CK(1278) : AC(250), [Encephalomyelitis](#) : CK(12) : AC(7), [Neuromyelitis Optica](#) : CK(4) : AC(2), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Hepatitis B vaccination has the potential to induce central demyelinating disorders such as multiple sclerosis.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2006;66(1):84-6. Epub 2005 Sep 19. PMID: [16176857](#)

Article Published Date : Jan 01, 2006

Authors : Yannick Comenge, Marc Girard

Study Type : Commentary

Additional Links

Diseases : [Demyelinating Diseases](#) : CK(1278) : AC(250), [Hepatitis B](#) : CK(226) : AC(39), [Multiple Sclerosis](#) : CK(716) : AC(133), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[The hepatitis B vaccine may induce autoimmune demyelinating disease through the molecular mimicry that exists between the vaccine antigen, Epstein-Barr virus and human myelin.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2008;70(2):346-8. Epub 2007 Jul 13. PMID: [17630224](#)

Article Published Date : Jan 01, 2008

Authors : Burton A Waisbren

Study Type : Commentary

Additional Links

Diseases : [Autism](#) : CK(1262) : AC(65), [Autoimmune Diseases](#) : CK(5317) : AC(779), [Demyelinating Diseases](#) : CK(1278) : AC(250), [Epstein-Barr Virus Infections](#) : CK(100) : AC(43), [Hepatitis B](#) : CK(226) : AC(39)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

Topic: Pertussis

[Despite the CDC's current recommendation to vaccinate postpartum women before hospital discharge with the tetanus and diphtheria toxoids and acellular pertussis \(Tdap\) vaccine in order to prevent pertussis infection in their offspring, it does not reduce](#) - GMI Summary

Pubmed Data : Clin Infect Dis. 2011 Nov 10. Epub 2011 Nov 10. PMID: [22075790](#)

Article Published Date : Nov 10, 2011

Authors : Luis A Castagnini, C Mary Healy, Marcia A Rench, Susan H Wootton, Flor M Munoz, Carol J Baker

Study Type : Human Study

Additional Links

Diseases : [Pertussis](#) : CK(142) : AC(14), [Whooping Cough](#) : CK(66) : AC(7)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

DPT vaccines have been associated with recurrent seizures. - GMI Summary

Pubmed Data : Am J Dis Child. 1984 Oct;138(10):908-11. PMID: [6206715](#)

Article Published Date : Oct 01, 1984

Authors : J V Murphy, L D Sarff, K M Marquardt

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Seizures : CK\(122\) : AC\(28\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

In Kings County Washington, between 2002-2007, of the 176 confirmed cases of pertussis in infants under age 1 seventy-seven percent were age-appropriately vaccinated. - GMI Summary

Pubmed Data : Arch Pediatr Adolesc Med. 2011 Jul ;165(7):647-52. PMID: [21727277](#)

Article Published Date : Jul 01, 2011

Authors : Matthew P Hanson, Tao S Kwan-Gett, Atar Baer, Krista Rietberg, Mara Ohrt, Jeffrey S Duchin

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#)

Additional Keywords : [Vaccine Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Since the 1993 pertussis epidemic in Cincinnati occurred primarily among children who had been appropriately immunized, it is clear that the whole-cell pertussis vaccine failed to give full protection against the disease. - GMI Summary

Pubmed Data : N Engl J Med. 1994 Jul 7;331(1):16-21. PMID: [8202096](#)

Article Published Date : Jul 07, 1994

Authors : C D Christie, M L Marx, C D Marchant, S F Reising

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Vaccinated children and adults may serve as reservoirs for silent pertussis infection and become potential transmitters to unprotected infants. - GMI Summary

Pubmed Data : Emerg Infect Dis. 2000 Sep-Oct;6(5):526-9. PMID: [10998384](#)

Article Published Date : Sep 01, 2000

Authors : I Srugo, D Benilevi, R Madeb, S Shapiro, T Shohat, E Somekh, Y Rimmar, V Gershtein, R Gershtein, E Marva, N Lahat

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Additional Keywords : [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Despite high coverage rates for primary immunization in infants and children

[pertussis incidence rates are increasing.](#) - GMI Summary

Pubmed Data : Pediatr Infect Dis J. 2005 May;24(5 Suppl):S10-8. PMID: [15876918](#)

Article Published Date : May 01, 2005

Authors : Tina Tan, Evelinda Trindade, Danuta Skowronski

Study Type : Review

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#)

Additional Keywords : [Vaccine Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Underestimation of central nervous system complications after pertussis immunization appears to be prevalent.](#) - GMI Summary

Pubmed Data : Acta Paediatr Jpn. 1991 Aug;33(4):421-7. PMID: [1792899](#)

Article Published Date : Aug 01, 1991

Authors : W Ehrengut

Study Type : Review

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Topic: Purpura: Thrombocytopenic](#)

[Measles-mumps-rubella vaccine that is given in the second year of life is associated with an increased risk of immune thrombocytopenia purpura.](#) - GMI Summary

Pubmed Data : Pediatrics. 2008 Mar;121(3):e687-92. PMID: [18310189](#)

Article Published Date : Mar 01, 2008

Authors : Eric K France, Jason Glanz, Stanley Xu, Simon Hambidge, Kristi Yamasaki, Steve B Black, Michael Marcy, John P Mullooly, Lisa A Jackson, James Nordin, Edward A Belongia, K Hohman, Robert T Chen, Robert Davis,

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[MMR vaccination is associated with an increased risk for idiopathic thrombocytopaenic purpura.](#) - GMI Summary

Pubmed Data : Br J Clin Pharmacol. 2003 Jan;55(1):107-11. PMID: [12534647](#)

Article Published Date : Jan 01, 2003

Authors : Corri Black, James A Kaye, Hershel Jick

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Thrombocytopenic purpura following vaccination in early childhood has been reported.](#) - GMI Summary

Pubmed Data : J Chin Med Assoc. 2010 Dec;73(12):634-7. PMID: [21145511](#)

Article Published Date : Dec 01, 2010

Authors : Yuh-Lin Hsieh, Lung-Huang Lin

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)
Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Vaccination is associated with thrombocytopenic purpura in children. - GMI](#)

Summary

Pubmed Data : Vaccine. 2007 Feb 26;25(10):1838-40. Epub 2006 Nov 9. PMID: [17126957](#)

Article Published Date : Feb 26, 2007

Authors : J Rajantie, B Zeller, I Treutiger, S Rosthøj,

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions. - GMI Summary](#)

Pubmed Data : JAMA. 1994 May 25;271(20):1602-5. PMID: [8182813](#)

Article Published Date : May 25, 1994

Authors : K R Stratton, C J Howe, R B Johnston

Study Type : Review

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Neuritis: Brachial Plexus : CK\(1\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Topic: [Herpes Zoster](#)

[Between 1995 and 2005 25,306 adverse events were reported from varicella vaccine. - GMI Summary](#)

Pubmed Data : J Infect Dis. 2008 Mar 1;197 Suppl 2:S170-7. PMID: [18419393](#)

Article Published Date : Mar 01, 2008

Authors : Sandra S Chaves, Penina Haber, Kimp Walton, Robert P Wise, Hector S Izurieta, D Scott Schmid, Jane F Seward

Study Type : Human Study

Additional Links

Diseases : [Herpes Zoster : CK\(470\) : AC\(35\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Increasing varicella vaccine coverage in Australia between 1998-2009 corresponds with increased levels of herpes zoster \(shingles\) cases managed in the same time period. - GMI Summary](#)

Pubmed Data : Med J Aust. 2010 Jul 19;193(2):110-3. PMID: [20642419](#)

Article Published Date : Jul 19, 2010

Authors : Mark R Nelson, Helena C Britt, Christopher M Harrison

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Shingles : CK\(521\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Chicken Pox \(Varicella\) Shingles \(Herpes Zoster\) Connection : CK\(20\) : AC\(2\)](#)
Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine has been reported to cause herpes zoster skin lesions and meningitis in a previously healthy boy. - GMI Summary](#)

Pubmed Data : J Infect Dis. 2008 Nov 15;198(10):1444-7. PMID: [18826373](#)

Article Published Date : Nov 15, 2008

Authors : Myron J Levin, Roberta L DeBiasi, Vanda Bostik, D Scott Schmid

Study Type : Human Study

Additional Links

Diseases : [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Meningitis: Viral : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Varicella vaccine has been reported to cause chronic, acyclovir-resistant herpes zoster infection in an immunosuppressed child. - GMI Summary](#)

Pubmed Data : J Infect Dis. 2003 Oct 1;188(7):954-9. Epub 2003 Sep 26. PMID: [14513413](#)

Article Published Date : Oct 01, 2003

Authors : Myron J Levin, Karen M Dahl, Adriana Weinberg, Roger Giller, Amita Patel, Philip R Krause

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Additional Keywords : [Acyclovir-Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine has been reported to viral meningitis in an immunocompetent child. - GMI Summary](#)

Pubmed Data : Ann Emerg Med. 2009 Jun;53(6):792-5. Epub 2008 Nov 22. PMID: [19028409](#)

Article Published Date : Jun 01, 2009

Authors : Sujit Iyer, Manoj K Mittal, Richard L Hodinka

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Meningitis: Viral : CK\(20\) : AC\(2\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Additional Keywords : [Undefined : CK\(14\) : AC\(3\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Varicella](#)

[Combined MMR and varicella live vaccine is associated with higher rates of febrile convulsion than giving the vaccines separately. - GMI Summary](#)

Pubmed Data : Vaccine. 2009 Jul 23;27(34):4656-61. Epub 2009 Jun 9. PMID: [19520201](#)

Article Published Date : Jul 23, 2009

Authors : Steven J Jacobsen, Bradley K Ackerson, Lina S Sy, Trung N Tran, Tonia L Jones, Janis F Yao, Fagen Xie, T Craig Cheetham, Patricia Saddier

Study Type : Human Study

Additional Links

Diseases : [Febrile Seizures : CK\(83\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Near complete vaccination coverage for varicella does not prevent outbreaks in those treated.](#) - GMI Summary

Pubmed Data : Pediatrics. 2006 Jun;117(6):e1070-7. PMID: [16740809](#)

Article Published Date : Jun 01, 2006

Authors : Adriana S Lopez, Dalya Guris, Laura Zimmerman, Linda Gladden, Tamara Moore, Dirk T Haselow, Vladimir N Loparev, D Scott Schmid, Aisha O Jumaan, Sandra L Snow

Study Type : Human Study

Additional Links

Diseases : [Varicella](#) : CK(50) : AC(5)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

[Vaccination for rabies, varicella or Lyme disease may result in acute or subacute post-vaccination small fiber neuropathy.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7322-5. Epub 2009 Oct 4. PMID: [19808027](#)

Article Published Date : Dec 09, 2009

Authors : Nizar Souayah, Senda Ajroud-Driss, Howard W Sander, Thomas H Brannagan, Arthur P Hays, Russell L Chin

Study Type : Human Study

Additional Links

Diseases : [Lyme Disease](#) : CK(32) : AC(9), [Neuropathy: Small Fiber](#) : CK(10) : AC(1), [Rabies](#) : CK(13) : AC(3), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Varicella](#) : CK(50) : AC(5)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Lyme disease](#) : CK(11) : AC(2), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

[Varicella outbreaks occur in vaccinated populations, even when receiving 2 doses.](#) - GMI Summary

Pubmed Data : Pediatr Infect Dis J. 2009 Aug;28(8):678-81. PMID: [19593254](#)

Article Published Date : Aug 01, 2009

Authors : Philip L Gould, Jessica Leung, Connie Scott, D Scott Schmid, Helen Deng, Adriana Lopez, Sandra S Chaves, Meredith Reynolds, Linda Gladden, Rafael Harpaz, Sandra Snow

Study Type : Human Study

Additional Links

Diseases : [Varicella](#) : CK(50) : AC(5)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

[Topic: Mercury Poisoning](#)

[Neonate exposure to thimerosal mercury from hepatitis B vaccines may be a significant problem.](#) - GMI Summary

Pubmed Data : Am J Perinatol. 2009 Aug;26(7):523-7. Epub 2009 Mar 12. PMID: [19283656](#)

Article Published Date : Aug 01, 2009

Authors : José G Dórea, Rejane C Marques, Katiane G Brandão

Study Type : Meta Analysis

Additional Links

Diseases : [Hepatitis B](#) : CK(226) : AC(39), [Infant Chemical Exposures](#) : CK(162) : AC(22), [Mercury Poisoning](#) : CK(162) : AC(44), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Hair mercury in breast-fed infants exposed to thimerosal-preserved vaccines indicates significant levels of exposure.](#) - GMI Summary

Pubmed Data : Eur J Pediatr. 2007 Sep;166(9):935-41. Epub 2007 Jan 20. PMID: [17237965](#)

Article Published Date : Sep 01, 2007

Authors : Rejane C Marques, José G Dórea, Márlon F Fonseca, Wanderley R Bastos, Olaf Malm

Study Type : Human Study

Additional Links

Diseases : [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Therapeutic Actions : [Breastfeeding : CK\(708\) : AC\(67\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination is associated with potentially neurotoxic mercury exposure in infants.](#) - GMI Summary

Pubmed Data : Chin Med. 2008 Mar 29;3:4. PMID: [10802503](#)

Article Published Date : Mar 29, 2008

Authors : G V Stajich, G P Lopez, S W Harry, W R Sexson

Study Type : Human Study

Additional Links

Diseases : [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Premature Birth : CK\(412\) : AC\(43\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[The mercury containing vaccine adjuvant known as thimerosal has immunosuppressive and autoimmune effects in mice.](#) - GMI Summary

Pubmed Data : Toxicol Appl Pharmacol. 2005 Apr 15;204(2):109-21. PMID: [15808517](#)

Article Published Date : Apr 15, 2005

Authors : S Havarinasab, B Häggqvist, E Björn, K M Pollard, P Hultman

Study Type : Animal Study

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The vaccine adjuvant thimerosal induces adverse changes in the cerebellum of mice, lending plausibility to the association between autism and low-dose mercury exposure.](#) - GMI Summary

Pubmed Data : Cell Biol Toxicol. 2009 Apr 9. PMID: [19357975](#)

Article Published Date : Apr 09, 2009

Authors : Takeshi Minami, Eriko Miyata, Yamato Sakamoto, Hideo Yamazaki, Seiji Ichida

Study Type : Animal Study

Additional Links

Diseases : [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The epidemic of autism may be linked to both vaccinations and mitochondrial diseases.](#) - GMI Summary

Pubmed Data : Clin Exp Pharmacol Physiol. 2004 Dec;31 Suppl 2:S51-3 PMID: [19043939](#)

Article Published Date : Dec 01, 2004

Authors : Stephanie F Cave

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Mitochondrial Diseases : CK\(149\) : AC\(50\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Diseases that are Linked : CK\(2122\) : AC\(270\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Anthrax](#)

[Birth defects are more common in pregnant women who received the anthrax vaccine during their first trimester versus later in pregnancy. - GMI Summary](#)

Pubmed Data : Am J Epidemiol. 2008 Aug 15 ;168(4):434-42. Epub 2008 Jul 2. PMID: [18599489](#)

Article Published Date : Aug 15, 2008

Authors : Margaret A K Ryan, Tyler C Smith, Carter J Sevick, William K Honner, Roshia A Loach, Cynthia A Moore, J David Erickson

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Birth Defects : CK\(196\) : AC\(37\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

Adverse Pharmacological Actions : [Teratogenic : CK\(304\) : AC\(59\)](#)

[Injection site reactions occur in 28% of those who receive the anthrax vaccine, with women having twice the incidence of reaction versus men. - GMI Summary](#)

Pubmed Data : Pharmacoepidemiol Drug Saf. 2007 Mar ;16(3):259-74. PMID: [17245803](#)

Article Published Date : Mar 01, 2007

Authors : Michael M McNeil, I-Shan Chiang, John T Wheeling, Yujia Zhang

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Gender Differences : CK\(63\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[The anthrax vaccine is one of the most reactogenic vaccines reported in the Vaccine Adverse Events Reporting System \(VAERS\) database. - GMI Summary](#)

Pubmed Data : Hepatogastroenterology. 2004 May-Jun;51(57):762-7. PMID: [15143911](#)

Article Published Date : May 01, 2004

Authors : Mark R Geier, David A Geier

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[The vaccine adjuvant squalene in anthrax vaccines given to soldiers in the Gulf War resulted in the formation of antibodies to squalene which are associated with Gulf War Syndrome. - GMI Summary](#)

Pubmed Data : Neuropharmacology. 2011 Feb-Mar;60(2-3):252-8. Epub 2010 Sep 22. PMID: [12127050](#)

Article Published Date : Feb 01, 2011

Authors : Pamela B Asa, Russell B Wilson, Robert F Garry

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Gulf War Syndrome : CK\(33\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[Anthrax vaccine development suffers from a wide range of potentially insurmountable problems. - GMI Summary](#)

Pubmed Data : Przegl Epidemiol. 2009 ;63(4):505-12. PMID: [20120948](#)

Article Published Date : Jan 01, 2009

Authors : Dorota Zakowska, Janusz Kocik, Michał Bartoszcze

Study Type : Review

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

The development of human vaccines for anthrax has suffered from a number of technical challenges. - GMI Summary

Pubmed Data : Hum Vaccin. 2009 Dec ;5(12):806-16. Epub 2009 Dec 9. PMID: [19786839](#)

Article Published Date : Dec 01, 2009

Authors : Leslie W Baillie

Study Type : Review

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

Topic: Whooping Cough

The risk of adverse events from the pertussis outweighed the risk of pertussis infection during the period of 1970-83 in children living in non-deprived circumstances in Britain. - GMI Summary

Pubmed Data : Dev Biol Stand. 1985;61:395-405. PMID: [3835080](#)

Article Published Date : Jan 01, 1985

Authors : G T Stewart

Study Type : Meta Analysis

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Despite the CDC's current recommendation to vaccinate postpartum women before hospital discharge with the tetanus and diphtheria toxoids and acellular pertussis (Tdap) vaccine in order to prevent pertussis infection in their offspring, it does not reduce - GMI Summary

Pubmed Data : Clin Infect Dis. 2011 Nov 10. Epub 2011 Nov 10. PMID: [22075790](#)

Article Published Date : Nov 10, 2011

Authors : Luis A Castagnini, C Mary Healy, Marcia A Rench, Susan H Wootton, Flor M Munoz, Carol J Baker

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Since the 1993 pertussis epidemic in Cincinnati occurred primarily among children who had been appropriately immunized, it is clear that the whole-cell pertussis vaccine failed to give full protection against the disease. - GMI Summary

Pubmed Data : N Engl J Med. 1994 Jul 7;331(1):16-21. PMID: [8202096](#)

Article Published Date : Jul 07, 1994

Authors : C D Christie, M L Marx, C D Marchant, S F Reising

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Vaccinated children and adults may serve as reservoirs for silent pertussis infection and become potential transmitters to unprotected infants. - GMI

Summary

Pubmed Data : Emerg Infect Dis. 2000 Sep-Oct;6(5):526-9. PMID: [10998384](#)

Article Published Date : Sep 01, 2000

Authors : I Srugo, D Benilevi, R Madeb, S Shapiro, T Shohat, E Somekh, Y Rimmar, V Gershtein, R Gershtein, E Marva, N Lahat

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Additional Keywords : [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Topic: [Mumps](#)

["The design and reporting of safety outcomes in MMR vaccine studies, both pre- and post-marketing, are largely inadequate." - GMI Summary](#)

Pubmed Data : Cochrane Database Syst Rev. 2012 ;2:CD004407. Epub 2012 Feb 15. PMID: [22336803](#)

Article Published Date : Dec 31, 2011

Authors : Vittorio Demicheli, Alessandro Rivetti, Maria Grazia Debalini, Carlo Di Pietrantonj

Study Type : Meta Analysis

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Mumps : CK\(41\) : AC\(1\)](#), [Rubella : CK\(54\) : AC\(4\)](#)

Additional Keywords : [Rubella : CK\(54\) : AC\(4\)](#), [Vaccine Safety : CK\(21\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Fifty-one percent of cases of patients in a 1998/1999 mumps outbreak had at least one MMR vaccination, indicating their effectiveness may be overestimated. - GMI Summary](#)

Pubmed Data : Vaccine. 2005 Jul 1 ;23(31):4070-4. PMID: [15950329](#)

Article Published Date : Jun 30, 2005

Authors : Richard Harling, Joanne M White, Mary E Ramsay, Karen F Macsween, Corry van den Bosch

Study Type : Human Study

Additional Links

Diseases : [Mumps : CK\(41\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Measles, mumps, and rubella catch up immunisation in a measles epidemic did not appear to confer protection and was associated with a variety of new side effects of the vaccine. - GMI Summary](#)

Pubmed Data : BMJ. 1995 Jun 24 ;310(6995):1629-32. PMID: [7795447](#)

Article Published Date : Jun 23, 1995

Authors : R J Roberts, Q D Sandifer, M R Evans, M Z Nolan-Farrell, P M Davis

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Mumps : CK\(41\) : AC\(1\)](#), [Rubella : CK\(54\) : AC\(4\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Topic: [Systemic Lupus Erythematosus](#)

[Hepatitis B vaccination is associated with a wide range of autoimmune](#)

diseases. - GMI Summary

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Systemic lupus erythematosus related to hepatitis B vaccine has been reported. **- GMI Summary**

Pubmed Data : Lupus. 2009 Nov;18(13):1192-7. PMID: [19880567](#)

Article Published Date : Nov 01, 2009

Authors : N Agmon-Levin, Y Zafrir, Z Paz, T Shilton, G Zandman-Goddard, Y Shoenfeld

Study Type : Human Study

Additional Links

Diseases : [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Vaccination can precipitate lupus erythematosus. - GMI Summary

Pubmed Data : Semin Arthritis Rheum. 1999 Dec;29(3):131-9. PMID: [10622677](#)

Article Published Date : Dec 01, 1999

Authors : S A Older, D F Battafarano, R J Enzenauer, A M Krieg

Study Type : Human Study

Additional Links

Diseases : [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Systemic lupus erythematosus has been triggered by hepatitis B vaccine. - GMI Summary

Pubmed Data : Clin Nephrol. 2010 Aug;74(2):150-3. PMID: [20630136](#)

Article Published Date : Aug 01, 2010

Authors : D Santoro, G Vita, R Vita, A Mallamace, V Savica, G Bellinghieri, S Benvenega, S Gangemi

Study Type : Human: Case Report

Additional Links

Diseases : [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Vaccination may contribute to causing a wide variety of autoimmune disorders. **- GMI Summary**

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) :](#)

[AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Arthritis](#)

[Hepatitis B vaccination is associated with a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination significantly increases the risk of a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Autoimmunity. 2005 Jun;38(4):295-301. PMID: [16206512](#)

Article Published Date : Jun 01, 2005

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Alopecia : CK\(131\) : AC\(28\)](#), [Arthritis : CK\(1430\) : AC\(218\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine is positively associated with adverse health outcomes in the general population of US children.](#) - GMI Summary

Pubmed Data : Ann Epidemiol. 2001 Jan;11(1):13-21. PMID: [11164115](#)

Article Published Date : Jan 01, 2001

Authors : M A Fisher, S A Eklund, S A James, X Lin

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Juvenile Chronic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Rheumatoid : CK\(10\) : AC\(1\)](#), [Ear Infection : CK\(604\) : AC\(33\)](#), [Pharyngeal Diseases : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Adult rubella and adult hepatitis B vaccines were statistically associated with chronic arthritis which persisted for at least one year.](#) - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2002 Nov-Dec;20(6):767-71. PMID: [12508767](#)

Article Published Date : Nov 01, 2002

Authors : D A Geier, M R Geier

Study Type : Animal Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Hemolytic Anemia](#)

[Vaccination is associated with an increased risk for hemolytic anemia.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7394-7. Epub 2009 Sep 18. PMID: [19766577](#)

Article Published Date : Dec 09, 2009

Authors : Allison L Naleway, Edward A Belongia, James G Donahue, Burney A Kieke, Jason M Glanz,

Study Type : Meta Analysis

Additional Links

Diseases : [Hemolytic Anemia : CK\(75\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Autoimmune hemolytic anemia following MF59-adjuvanted influenza vaccine has been reported.](#) - GMI Summary

Pubmed Data : Ann Pharmacother. 2011 Jan;45(1):e8. Epub 2010 Dec 28. PMID: [21189364](#)

Article Published Date : Jan 01, 2011

Authors : Sabrina Montagnani, Marco Tuccori, Giuseppe Lombardo, Arianna Testi, Stefania Mantarro, Elisa Ruggiero, Corrado Blandizzi

Study Type : Human: Case Report

Additional Links

Diseases : [Hemolytic Anemia : CK\(75\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: [Vasculitis](#)

[Hepatitis B vaccination significantly increases the risk of a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Autoimmunity. 2005 Jun;38(4):295-301. PMID: [16206512](#)

Article Published Date : Jun 01, 2005

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Alopecia : CK\(131\) : AC\(28\)](#), [Arthritis : CK\(1430\) : AC\(218\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Influenza vaccines may be causing vasculitis.](#) - GMI Summary

Pubmed Data : J Ethnopharmacol. 2000 Aug;71(3):457-63. PMID: [19734734](#)

Article Published Date : Aug 01, 2000

Authors : Rainer Birck, Isabelle Kaelsch, Peter Schnuelle, Luis Felipe Flores-Suárez, Rainer Nowack

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) :](#)

[A case of extensive ulcerating vasculitis following a BCG vaccination has been reported.](#) - GMI Summary

Pubmed Data : J Plast Reconstr Aesthet Surg. 2009 Aug;62(8):e286-9. Epub 2007 Dec 31. PMID: [18166508](#)

Article Published Date : Aug 01, 2009

Authors : A Ghattaura, K A Eley, E Molenaar, G Smith

Study Type : Human: Case Report

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#)

[A case of influenza vaccine induced have necrotizing glomerulonephritis in decursu vasculitis has been reported.](#) - GMI Summary

Pubmed Data : Pol Merkur Lekarski. 2005 Jul;19(109):75-7. PMID: [16194032](#)

Article Published Date : Jul 01, 2005

Authors : Lidia Hyla-Klekot, Grazyna Kucharska, Witold Cieslak

Study Type : Human: Case Report

Additional Links

Diseases : [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza vaccines may induce hepatitis-B virus-related vasculitis and severe neuropathy.](#) - GMI Summary

Pubmed Data : J Cardiovasc Pharmacol. 2003 Sep;42(3):329-38. PMID: [18579284](#)

Article Published Date : Sep 01, 2003

Authors : Yuko Wada, Chie Yanagihara, Yo Nishimura, Nobuyuki Oka

Study Type : Commentary

Additional Links

Diseases : [Peripheral Neuropathies : CK\(394\) : AC\(31\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Vaccination may contribute to causing a wide variety of autoimmune disorders.](#) - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: Allergies

DTP or tetanus vaccination increases the risk of allergies and related respiratory symptoms in children and adolescents. - GMI Summary

Pubmed Data : J Manipulative Physiol Ther. 2000 Feb;23(2):81-90. PMID: [10714532](#)

Article Published Date : Feb 01, 2000

Authors : E L Hurwitz, H Morgenstern

Study Type : Meta Analysis

Additional Links

Diseases : [Allergies : CK\(502\) : AC\(92\)](#), [Allergies: Childhood : CK\(70\) : AC\(5\)](#), [Asthma : CK\(918\) : AC\(134\)](#), [Hypersensitivity : CK\(64\) : AC\(15\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Allergy to viral and rickettsial vaccines; review of the literature. - GMI Summary

Pubmed Data : Ann Allergy. 1950 Sep-Oct;8(5):699-707. PMID: [14800166](#)

Authors : S UNTRACHT, B RATNER

Study Type : Human: Case Report

Additional Links

Diseases : [Allergies : CK\(502\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: H1N1 Infection

Prior receipt of seasonal flu vaccine (2008-09)was associated with increased risk of medically attended pandemic H1N1 illness (2008-09). - GMI Summary

Pubmed Data : PLoS Med. 2010;7(4):e1000258. Epub 2010 Apr 6. PMID: [20386731](#)

Article Published Date : Jan 01, 2010

Authors : Danuta M Skowronski, Gaston De Serres, Natasha S Crowcroft, Naveed Z Janjua, Nicole Boulianne, Travis S Hottes, Laura C Rosella, James A Dickinson, Rodica Gilca, Pam Sethi, Najwa Ouhoumane, Donald J Willison, Isabelle Rouleau, Martin Petric, Kevin Fonseca, Steven J Drews, Anuradha Rebbapragada, Hugues Charest, Marie-Eve Hamelin, Guy Boivin, Jennifer L Gardy, Yan Li, Trijntje L Kwindt, David M Patrick, Robert C Brunham,

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#)

Additional Keywords : [Immunosuppressive Flu Vaccines : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Seasonal influenza vaccine (2008-2009) is associated with an increased risk of influenza-like illness from pandemic H1N1 infection. - GMI Summary

Pubmed Data : Clin Infect Dis. 2010 Nov 1;51(9):1017-1027. PMID: [20887210](#)

Article Published Date : Nov 01, 2010

Authors : Naveed Z Janjua, Danuta M Skowronski, Travis S Hottes, William Osei, Evan Adams, Martin Petric, Suzana Sabaiduc, Tracy Chan, Annie Mak, Marcus Lem, Patrick Tang, David M Patrick, Gaston De Serres, David Bowering

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#)

Additional Keywords : [Immunosuppressive Flu Vaccines : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Widening influenza vaccine coverage is not correlated with declining mortality rates in any age group. The benefits of vaccination are substantially overestimated. - GMI Summary

Pubmed Data : Arch Intern Med. 2005 Feb 14;165(3):265-72. PMID: [15710788](#)

Article Published Date : Feb 14, 2005

Authors : Lone Simonsen, Thomas A Reichert, Cecile Viboud, William C Blackwelder, Robert J Taylor, Mark A Miller

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Influenza A : CK\(305\) : AC\(73\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Vaccination against novel H1N1 may accelerate atherogenesis \(heart disease\).](#) - GMI Summary

Pubmed Data : Med Microbiol Immunol. 2009 Oct 23. PMID: [19851782](#)

Article Published Date : Oct 23, 2009

Authors : Sucharit Bhakdi, Karl Lackner, Hans-Wilhelm Doerr

Study Type : Commentary

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Topic: Human Papillomavirus \(HPV\)](#)

[An Italian study found that 61% of women experienced an adverse event after the administration of the first dose of HPV vaccine.](#) - GMI Summary

Pubmed Data : Recenti Prog Med. 2013 Jun ;104(6):262-6. PMID: [23801230](#)

Article Published Date : May 31, 2013

Authors : Stefania Spila-Alegiani, Roberto Da Cas, Cristina Giambi, Roberto Raschetti, Stefania Salmaso

Study Type : Human Study

Additional Links

Diseases : [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[HPV vaccination does not have a therapeutic effect in young women with pre-existing human papillomavirus infection.](#) - GMI Summary

Pubmed Data : JAMA. 2007 Aug 15;298(7):743-53. PMID: [17699008](#)

Article Published Date : Aug 15, 2007

Authors : Allan Hildesheim, Rolando Herrero, Sholom Wacholder, Ana C Rodriguez, Diane Solomon, M Concepcion Bratti, John T Schiller, Paula Gonzalez, Gary Dubin, Carolina Porras, Silvia E Jimenez, Douglas R Lowy,

Study Type : Human Study

Additional Links

Diseases : [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[Human Papilloma Virus \(HPV\) vaccine is associated with demyelinating events.](#) - GMI Summary

Pubmed Data : Mult Scler. 2009 Jan;15(1):116-9. Epub 2008 Sep 19. PMID: [18805844](#)

Article Published Date : Jan 01, 2009

Authors : I Sutton, R Lahoria, Il Tan, P Clouston, Mh Barnett

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases](#) : CK(1278) : AC(250), [HPV](#) : CK(31) : AC(4), [Human Papillomavirus \(HPV\)](#) : CK(153) : AC(22), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [HPV Vaccine](#) : CK(10) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13)

[Vaccination may contribute to causing a wide variety of autoimmune disorders.](#) **- GMI Summary**

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Human Papillomavirus \(HPV\)](#) : CK(153) : AC(22), [Inflammatory Myopathy](#) : CK(81) : AC(5), [Macrophagic myofasciitis](#) : CK(15) : AC(3), [Multiple Sclerosis](#) : CK(716) : AC(133), [Rheumatoid Arthritis](#) : CK(424) : AC(64), [Systemic Lupus Erythematosus](#) : CK(387) : AC(54), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Vasculitis](#) : CK(48) : AC(11)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Haemophilus Influenzae](#) : CK(32) : AC(4), [Vaccination: Hepatitis B](#) : CK(347) : AC(48), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13), [Vaccination: Influenza](#) : CK(356) : AC(37), [Vaccination: Lyme disease](#) : CK(11) : AC(2), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26), [Vaccination: Rabies](#) : CK(4) : AC(3), [Vaccination: Rotavirus](#) : CK(33) : AC(6), [Vaccination: Tetanus](#) : CK(48) : AC(8), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

Topic: [Hypersensitivity](#)

[DTP or tetanus vaccination increases the risk of allergies and related respiratory symptoms in children and adolescents.](#) - GMI Summary

Pubmed Data : J Manipulative Physiol Ther. 2000 Feb;23(2):81-90. PMID: [10714532](#)

Article Published Date : Feb 01, 2000

Authors : E L Hurwitz, H Morgenstern

Study Type : Meta Analysis

Additional Links

Diseases : [Allergies](#) : CK(502) : AC(92), [Allergies: Childhood](#) : CK(70) : AC(5), [Asthma](#) : CK(918) : AC(134), [Hypersensitivity](#) : CK(64) : AC(15), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Tetanus](#) : CK(48) : AC(8)

[Adjuvants in vaccines may trigger innate cells response by toll-like receptors, thus eliciting a possible non-IgE mediated allergy phenomenon or causing B-cell activation and autoimmunity.](#) - GMI Summary

Pubmed Data : Hum Vaccin. 2011 Aug 1 ;7(8). Epub 2011 Aug 1. PMID: [21785282](#)

Article Published Date : Aug 01, 2011

Authors : Salvatore Chirumbolo

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Hypersensitivity](#) : CK(64) : AC(15), [Immune Disorders: B-Cell Over-Activity](#) : CK(2) : AC(2), [Immune Dysregulation: TH1/TH2 imbalance](#) : CK(146) : AC(36), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Problem Substances : [Adjuvant](#) : CK(18) : AC(6)

Topic: [Allergies: Childhood](#)

[DTP or tetanus vaccination increases the risk of allergies and related](#)

[respiratory symptoms in children and adolescents.](#) - GMI Summary

Pubmed Data : J Manipulative Physiol Ther. 2000 Feb;23(2):81-90. PMID: [10714532](#)

Article Published Date : Feb 01, 2000

Authors : E L Hurwitz, H Morgenstern

Study Type : Meta Analysis

Additional Links

Diseases : [Allergies : CK\(502\) : AC\(92\)](#), [Allergies: Childhood : CK\(70\) : AC\(5\)](#), [Asthma : CK\(918\) : AC\(134\)](#), [Hypersensitivity : CK\(64\) : AC\(15\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Topic: [Elderly: Age Specific Diseases](#)

[Influenza vaccination for healthcare workers who work with the elderly has no effect on laboratory-proven influenza, pneumonia or deaths from pneumonia.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2010(2):CD005187. Epub 2010 Feb 17. PMID: [20166073](#)

Article Published Date : Jan 01, 2010

Authors : Roger E Thomas, Tom Jefferson, Toby J Lasserson

Study Type : Meta Analysis

Additional Links

Diseases : [Elderly: Age Specific Diseases : CK\(442\) : AC\(37\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Pneumonia : CK\(330\) : AC\(40\)](#)

Anti Therapeutic Actions : [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[There is a lack of evidence for the effectiveness of influenza vaccines in adults aged 65 years or older.](#) - GMI Summary

Pubmed Data : Lancet Infect Dis. 2011 Oct 25. Epub 2011 Oct 25. PMID: [22032844](#)

Article Published Date : Oct 25, 2011

Authors : Michael T Osterholm, Nicholas S Kelley, Alfred Sommer, Edward A Belongia

Study Type : Meta Analysis

Additional Links

Diseases : [Elderly: Age Specific Diseases : CK\(442\) : AC\(37\)](#), [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: [Infant Infections](#)

[Maternal influenza vaccination during pregnancy does not reduce the incidence of acute respiratory illness visits among infants.](#) - GMI Summary

Pubmed Data : Cancer Sci. 2004 Jul;95(7):596-601. PMID: [17146026](#)

Article Published Date : Jul 01, 2004

Authors : Eric K France, Renae Smith-Ray, David McClure, Simon Hambidge, Stanley Xu, Kristi Yamasaki, David Shay, Eric Weintraub, Alicia M Fry, Steve B Black, Henry R Shinefield, John P Moolooly, Lisa A Jackson

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Immunezation of mothers with pneumococcal capsular polysaccharide vaccine during pregnancy is ineffective for infants.](#) - GMI Summary

Pubmed Data : Braz J Infect Dis. 2009 Apr;13(2):104-6. PMID: [20140352](#)

Article Published Date : Apr 01, 2009

Authors : Claudia R C Lopes, Eitan N Berezin, Ting Hui Ching, Jaildo de Souza Canuto, Vanilda Oliveira da Costa, Erika Monteiro Klering

Study Type : Human Study

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Whole cell pertussis vaccines may have been causing serious neurological disorders.](#) - GMI Summary

Pubmed Data : Brain Dev. 2004 Aug;26(5):296-300. PMID: [15165669](#)

Article Published Date : Aug 01, 2004

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Infant Neurological Development : CK\(46\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Topic: [Intussusception](#)

[Rates of intussusception associated with rotavirus vaccines may be significantly underestimated.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2009 Nov 1;200 Suppl 1:S264-70. PMID: [19817607](#)

Article Published Date : Nov 01, 2009

Authors : Margaret M Cortese, Mary Allen Staat, Geoffrey A Weinberg, Kathryn Edwards, Marilyn A Rice, Peter G Szilagyi, Caroline B Hall, Daniel C Payne, Umesh D Parashar

Study Type : Human Study

Additional Links

Diseases : [Intussusception : CK\(30\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[Rotavirus vaccination has been associated with increased risk for gastroenteritis and intussusception.](#) - GMI Summary

Pubmed Data : Pediatrics. 2004 Apr;113(4):e353-9. PMID: [15060267](#)

Article Published Date : Apr 01, 2004

Authors : Penina Haber, Robert T Chen, Lynn R Zanardi, Gina T Mootrey, Roseanne English, M Miles Braun,

Study Type : Human Study

Additional Links

Diseases : [Gastroenteritis : CK\(96\) : AC\(11\)](#), [Intussusception : CK\(30\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[Rotavirus vaccinations have a history of causing adverse effects such as intussusception.](#) - GMI Summary

Pubmed Data : Pediatrics. 2001 Jun;107(6):E97. PMID: [11389295](#)

Article Published Date : Jun 01, 2001

Authors : L R Zanardi, P Haber, G T Mootrey, M T Niu, M Wharton

Study Type : Human Study

Additional Links

Diseases : [Intussusception : CK\(30\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

Topic: [Upper Respiratory Infections](#)

[Maternal influenza vaccination during pregnancy does not reduce the incidence of acute respiratory illness visits among infants.](#) - GMI Summary

Pubmed Data : Cancer Sci. 2004 Jul;95(7):596-601. PMID: [17146026](#)

Article Published Date : Jul 01, 2004

Authors : Eric K France, Renae Smith-Ray, David McClure, Simon Hambidge, Stanley Xu, Kristi Yamasaki, David Shay, Eric Weintraub, Alicia M Fry, Steve B Black, Henry R Shinefield, John P Mullooly, Lisa A Jackson

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Immunization of mothers with pneumococcal capsular polysaccharide vaccine during pregnancy is ineffective for infants.](#) - GMI Summary

Pubmed Data : Braz J Infect Dis. 2009 Apr;13(2):104-6. PMID: [20140352](#)

Article Published Date : Apr 01, 2009

Authors : Claudia R C Lopes, Eitan N Berezin, Ting Hui Ching, Jaildo de Souza Canuto, Vanilda Oliveira da Costa, Erika Monteiro Klering

Study Type : Human Study

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Influenza vaccination does not appear to be effective during pregnancy in preventing hospitalizations and outpatient visits for respiratory illness in pregnant women and their infants.](#) - GMI Summary

Pubmed Data : Am J Perinatol. 2004 Aug;21(6):333-9. PMID: [15311370](#)

Article Published Date : Aug 01, 2004

Authors : Steven B Black, Henry R Shinefield, Eric K France, Bruce H Fireman, Sharon T Platt, David Shay,

Study Type : Human Study

Additional Links

Diseases : [Pregnancy: Flu : CK\(10\) : AC\(1\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Swine Flu Associated Virus](#)

[Influenza-related mortality is not prevented with increasing vaccination coverage.](#) - GMI Summary

Pubmed Data : Vaccine. 2006 Oct 30;24(42-43):6468-75. Epub 2006 Jul 7. PMID: [16876293](#)

Article Published Date : Oct 30, 2006

Authors : Caterina Rizzo, Cécile Viboud, Emanuele Montomoli, Lone Simonsen, Mark A Miller

Study Type : Human Study

Additional Links

Diseases : [Influenza A : CK\(305\) : AC\(73\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)
Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Swine and influenza vaccines induce anti-ganglioside antibodies associated with autoimmune neuropathies such as Guillain-Barre syndrome.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2008 Jul 15;198(2):226-33. PMID: [18522505](#)

Article Published Date : Jul 15, 2008

Authors : Irving Nachamkin, Sean V Shadomy, Anthony P Moran, Nancy Cox, Collette Fitzgerald, Huong Ung, Adrian T Corcoran, John K Iskander, Lawrence B Schonberger, Robert T Chen

Study Type : Human Study

Additional Links

Diseases : [Acute Autoimmune Neuropathy : CK\(104\) : AC\(2\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Influenza Vaccine : CK\(10\) : AC\(1\)](#), [Swine Flu Vaccine : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Widening influenza vaccine coverage is not correlated with declining mortality rates in any age group. The benefits of vaccination are substantially overestimated.](#) - GMI Summary

Pubmed Data : Arch Intern Med. 2005 Feb 14;165(3):265-72. PMID: [15710788](#)

Article Published Date : Feb 14, 2005

Authors : Lone Simonsen, Thomas A Reichert, Cecile Viboud, William C Blackwelder, Robert J Taylor, Mark A Miller

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Influenza A : CK\(305\) : AC\(73\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[ransverse myelitis has been reported in association with a nasal attenuated novel influenza A\(H1N1\) vaccine.](#) - GMI Summary

Pubmed Data : Arch Neurol. 2010 Aug;67(8):1018-20. PMID: [20697056](#)

Article Published Date : Aug 01, 2010

Authors : Wafa Akkad, Bassel Salem, Jerome W Freeman, Mark K Huntington

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Nasal : CK\(3\) : AC\(1\)](#)

[Vaccination against novel H1N1 may accelerate atherogenesis \(heart disease\).](#) - GMI Summary

Pubmed Data : Med Microbiol Immunol. 2009 Oct 23. PMID: [19851782](#)

Article Published Date : Oct 23, 2009

Authors : Sucharit Bhakdi, Karl Lackner, Hans-Wilhelm Doerr

Study Type : Commentary

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Birth Defects](#)

Birth defects are more common in pregnant women who received the anthrax vaccine during their first trimester versus later in pregnancy. - GMI Summary

Pubmed Data : Am J Epidemiol. 2008 Aug 15 ;168(4):434-42. Epub 2008 Jul 2. PMID: [18599489](#)

Article Published Date : Aug 15, 2008

Authors : Margaret A K Ryan, Tyler C Smith, Carter J Sevick, William K Honner, Rosha A Loach, Cynthia A Moore, J David Erickson

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Birth Defects : CK\(196\) : AC\(37\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

Adverse Pharmacological Actions : [Teratogenic : CK\(304\) : AC\(59\)](#)

Congenital malformation is a possible consequence of rubella vaccination during pregnancy. - GMI Summary

Pubmed Data : JAMA. 1981 Sep 25;246(13):1413-7. PMID: [7265443](#)

Article Published Date : Sep 25, 1981

Authors : S R Preblud, H C Stetler, J A Frank, W L Greaves, A R Hinman, K L Herrmann

Study Type : Human Study

Additional Links

Diseases : [Birth Defects : CK\(196\) : AC\(37\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Erythema

Erythema multiforme has been reported as a possible side effect of vaccination for human papillomavirus. - GMI Summary

Pubmed Data : Dermatology. 2010;220(1):60-2. Epub 2009 Nov 3. PMID: [19887766](#)

Article Published Date : Jan 01, 2010

Authors : A C Katoulis, A Liakou, E Bozi, M Theodorakis, A Alevizou, A Zafeiraki, M Mistidou, N G Stavrianeas

Study Type : Human Study

Additional Links

Diseases : [Erythema : CK\(44\) : AC\(6\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

Vaccination for DPT, Hepatitis B and influenza has been reported to be associated with the development of erythema multiforme in an infant. - GMI Summary

Pubmed Data : Indian J Dermatol Venereol Leprol. 2008 May-Jun;74(3):251-3. PMID: [18583795](#)

Article Published Date : May 01, 2008

Authors : Sarvjit Kaur, Sanjeev Handa

Study Type : Human Study

Additional Links

Diseases : [Erythema : CK\(44\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: Poliomyelitis

At the present time, the only poliovirus-caused poliomyelitis cases reported in

Brazil and other countries of the Americas are of vaccine etiology. - GMI

Summary

Pubmed Data : Rev Panam Salud Publica. 2000 Apr;7(4):219-24. PMID: [10846924](#)

Article Published Date : Apr 01, 2000

Authors : L H de Oliveira, C J Struchiner

Study Type : Human Study

Additional Links

Diseases : [Poliomyelitis : CK\(33\) : AC\(4\)](#)

Additional Keywords : [Iatrogenic Poliomyelitis : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Paralytic poliomyelitis associated with bivalent oral polio vaccines occurs at a rate over up to 70-fold higher than monovalent oral polio vaccine in Hungary. -

GMI Summary

Pubmed Data : Am J Epidemiol. 2011 Aug 1 ;174(3):316-25. Epub 2011 Jun 17. PMID: [21685412](#)

Article Published Date : Jul 31, 2011

Authors : Concepción F Estívariz, Zsuzsanna Molnár, Linda Venczel, Beatrix Kapusinszky, James A Zingeser, Galina Y Lipskaya, Olen M Kew, György Berencsi, Agnes Csohán

Study Type : Human Study

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Oral Polio Vaccine : CK\(10\) : AC\(1\)](#), [Vaccination: Oral Polio Vaccine, Bivalent : CK\(10\) : AC\(1\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Vaccine-associated paralytic poliomyelitis (VAPP) has emerged as the predominant form of the disease in the United States since 1980. - GMI

Summary

Pubmed Data : Clin Infect Dis. 1992 Feb;14(2):568-79. PMID: [1554844](#)

Article Published Date : Feb 01, 1992

Authors : P M Strebel, R W Sutter, S L Cochi, R J Biellik, E W Brink, O M Kew, M A Pallansch, W A Orenstein, A R Hinman

Study Type : Human Study

Additional Links

Diseases : [Poliomyelitis : CK\(33\) : AC\(4\)](#)

Additional Keywords : [Iatrogenic Poliomyelitis : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

In 2011, there were an extra 47,500 new cases of non-polio acute flaccid paralysis (NPAFP); Clinically indistinguishable from polio paralysis but twice as deadly, the incidence of NPAFP was directly proportional to doses of oral polio received. - GMI Summary

Pubmed Data : Indian J Med Ethics. 2012 Apr-Jun;9(2):114-7. PMID: [22591873](#)

Article Published Date : Apr 01, 2012

Authors : Neetu Vashisht, Jacob Puliyel

Study Type : Review

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Provocation by vaccine injections can increase the risk of paralytic poliomyelitis by up to 25 fold. - GMI Summary

Pubmed Data : Dev Biol Stand. 1986;65:123-6. PMID: [3549394](#)

Article Published Date : Jan 01, 1986

Authors : H V Wyatt

Study Type : Review

Additional Links

Diseases : [Poliomyelitis : CK\(33\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions. - GMI Summary](#)

Pubmed Data : JAMA. 1994 May 25;271(20):1602-5. PMID: [8182813](#)

Article Published Date : May 25, 1994

Authors : K R Stratton, C J Howe, R B Johnston

Study Type : Review

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Neuritis: Brachial Plexus : CK\(1\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Topic: Optic Neuritis](#)

[Hepatitis B vaccination is associated with a wide range of autoimmune diseases. - GMI Summary](#)

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination significantly increases the risk of a wide range of autoimmune diseases. - GMI Summary](#)

Pubmed Data : Autoimmunity. 2005 Jun;38(4):295-301. PMID: [16206512](#)

Article Published Date : Jun 01, 2005

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Alopecia : CK\(131\) : AC\(28\)](#), [Arthritis : CK\(1430\) : AC\(218\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Optic neuritis following hepatitis B vaccination has been reported. n - GMI Summary](#)

Pubmed Data : J Chin Med Assoc. 2009 Nov;72(11):594-7. PMID: [19948437](#)

Article Published Date : Nov 01, 2009

Authors : Muferet Erguven, Sirin Guven, Umit Akyuz, Olcay Bilgiç, Fuat Laloglu

Study Type : Human: Case Report

Additional Links

Diseases : [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Pneumococcal Infections](#)

[Immunization of mothers with pneumococcal capsular polysaccharide vaccine during pregnancy is ineffective for infants. - GMI Summary](#)

Pubmed Data : Braz J Infect Dis. 2009 Apr;13(2):104-6. PMID: [20140352](#)

Article Published Date : Apr 01, 2009

Authors : Claudia R C Lopes, Eitan N Berezin, Ting Hui Ching, Jaildo de Souza Canuto, Vanilda Oliveira da Costa, Erika Monteiro Klering

Study Type : Human Study

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Pneumococcal conjugate vaccine is not effective to prevent ear infections in previously unvaccinated toddlers and children with a history of recurrent ear infections. - GMI Summary](#)

Pubmed Data : Lancet. 2003 Jun 28;361(9376):2189-95. PMID: [12842372](#)

Article Published Date : Jun 28, 2003

Authors : Reinier Veenhoven, Debby Bogaert, Cuno Uiterwaal, Carole Brouwer, Herma Kiezebrink, Jacob Bruin, Ed IJzerman, Peter Hermans, Ronald de Groot, Ben Zegers, Wietse Kuis, Ger Rijkers, Anne Schilder, Elisabeth Sanders

Study Type : Human Study

Additional Links

Diseases : [Ear Infection : CK\(604\) : AC\(33\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Pneumococcal vaccines are ineffective in children with a history of recurrent acute ear infections - Article 2. - GMI Summary](#)

Pubmed Data : Int J Pediatr Otorhinolaryngol. 2006 Feb;70(2):275-85. Epub 2005 Sep 2. PMID: [16140397](#)

Article Published Date : Feb 01, 2006

Authors : Muriel J P van Kempen, Judith S Vermeiren, Mario Vaneechoutte, Geert Claeys, Reinier H Veenhoven, Ger T Rijkers, Elisabeth A M Sanders, Ingeborg J Dhooge

Study Type : Human Study

Additional Links

Diseases : [Pneumococcal Infections : CK\(50\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Pneumococcal vaccines do not appear to reduce the risk of death from pneumonia in adult populations. - GMI Summary](#)

Pubmed Data : Cochrane Database Syst Rev. 2003(4):CD000422. PMID: [14583920](#)

Article Published Date : Jan 01, 2003

Authors : K Dear, J Holden, R Andrews, D Tatham

Study Type : Human Study

Additional Links

Diseases : [Pneumococcal Infections : CK\(50\) : AC\(11\)](#), [Pneumonia : CK\(330\) : AC\(40\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Review: based on currently available research pneumoccal vaccination should not be recommended for large scale use in ear infection prone populations. - GMI Summary](#)

GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2002(2):CD001480. PMID: [12076412](#)

Article Published Date : Jan 01, 2002

Authors : M Straetemans, E A Sanders, R H Veenhoven, A G Schilder, R A Damoiseaux, G A Zielhuis

Study Type : Review

Additional Links

Diseases : [Ear Infection : CK\(604\) : AC\(33\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

Topic: [Arthritis: Juvenile Idiopathic](#)

[Hepatitis B vaccine is positively associated with adverse health outcomes in the general population of US children. - GMI Summary](#)

Pubmed Data : Ann Epidemiol. 2001 Jan;11(1):13-21. PMID: [11164115](#)

Article Published Date : Jan 01, 2001

Authors : M A Fisher, S A Eklund, S A James, X Lin

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Juvenile Chronic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Rheumatoid : CK\(10\) : AC\(1\)](#), [Ear Infection : CK\(604\) : AC\(33\)](#), [Pharyngeal Diseases : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Thirty-five percent of children with juvenile idiopathic arthritis experienced flare of the disease after vaccination. - GMI Summary](#)

Pubmed Data : Clin Exp Rheumatol. 2012 Mar 15. Epub 2012 Mar 15. PMID: [22513085](#)

Article Published Date : Mar 15, 2012

Authors : Natasa Toplak, Vesna Subelj, Tanja Kveder, Sasa Cucnik, Katarina Prosenc, Alenka Trampus-Bakija, Ljupco Todorovski, Tadej Avcin

Study Type : Human Study

Additional Links

Diseases : [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

Topic: [Cold and Flu: Infants & Children](#)

[Inactivated flu vaccines have not been proven to be effective or safe in preventing influenza in healthy children under two. - GMI Summary](#)

Pubmed Data : Altern Ther Health Med. 2009 Sep-Oct;15(5):44-6. PMID: [18425905](#)

Article Published Date : Sep 01, 2009

Authors : Tom Jefferson, Alessandro Rivetti, Anthony Harnden, Carlo Di Pietrantonj, Vittorio Demicheli

Study Type : Meta Analysis

Additional Links

Diseases : [Cold and Flu: Infants & Children : CK\(62\) : AC\(6\)](#), [Infection: In Infants & Children : CK\(111\) : AC\(11\)](#), [Influenza A : CK\(305\) : AC\(73\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) :](#)

Topic: [Cystic Fibrosis](#)

[There is currently no evidence from randomised studies that influenza vaccine given to people with CF is of benefit to them.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2009 Oct 7;(4):CD001753. PMID: [19821281](#)

Article Published Date : Oct 07, 2009

Authors : Poonam Dharmaraj, Rosalind L Smyth

Study Type : Meta Analysis

Additional Links

Diseases : [Cystic Fibrosis : CK\(703\) : AC\(77\)](#)

Additional Keywords : [Vaccine Research : CK\(20\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Annual influenza vaccination hampers the development of virus-specific CD8\(+\) T cell responses necessary to protect against influenza infection.](#) - GMI Summary

Pubmed Data : J Virol. 2011 Nov ;85(22):11995-2000. Epub 2011 Aug 31. PMID: [21880755](#)

Article Published Date : Nov 01, 2011

Authors : Rogier Bodewes, Pieter L A Fraaij, Martina M Geelhoed-Mieras, Carel A van Baalen, Harm A W M Tiddens, Annemarie M C van Rossum, Fiona R van der Klis, Ron A M Fouchier, Albert D M E Osterhaus, Guus F Rimmelzwaan

Study Type : Human Study

Additional Links

Diseases : [Cystic Fibrosis : CK\(703\) : AC\(77\)](#), [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Immunosuppressive : CK\(155\) : AC\(23\)](#)

Topic: [Elevated CRP](#)

[C-reactive protein \(CRP\) elevation occur in infants without sepsis after hepatitis B vaccination.](#) - GMI Summary

Pubmed Data : Eur J Pediatr. 2013 Jan 29. Epub 2013 Jan 29. PMID: [23358708](#)

Article Published Date : Jan 28, 2013

Authors : Istemi Han Celik, Gamze Demirel, Fuat Emre Canpolat, Omer Erdeve, Ugur Dilmen

Study Type : Human Study

Additional Links

Diseases : [Elevated CRP : CK\(72\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclampsia and adverse outcomes such as preterm birth.](#) - GMI Summary

Pubmed Data : Vaccine. 2011 Sep 20. Epub 2011 Sep 20. PMID: [21945263](#)

Article Published Date : Sep 20, 2011

Authors : Lisa M Christian, Jay D Iams, Kyle Porter, Ronald Glaser

Study Type : Human Study

Additional Links

Diseases : [CRP : CK\(30\) : AC\(3\)](#), [Elevated CRP : CK\(72\) : AC\(8\)](#), [Pre-Eclampsia : CK\(309\) : AC\(33\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Pregnancy Complications : CK\(166\) : AC\(19\)](#), [Preterm Birth: Prevention : CK\(111\) : AC\(9\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) :](#)

[AC\(37\)](#)

Adverse Pharmacological Actions : [Interleukin-6 up-regulation : CK\(14\) : AC\(3\)](#), [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

Topic: [Gulf War Syndrome](#)

[Symptomatic Gulf War Syndrome is strongly associated with the presence of autoantibodies to squalene, an adjuvant used in vaccines.](#) - GMI Summary

Pubmed Data : Exp Mol Pathol. 2000 Feb;68(1):55-64. PMID: [10640454](#)

Article Published Date : Feb 01, 2000

Authors : P B Asa, Y Cao, R F Garry

Study Type : Human Study

Additional Links

Diseases : [Gulf War Syndrome : CK\(33\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[The vaccine adjuvant squalene in anthrax vaccines given to soldiers in the Gulf War resulted in the formation of antibodies to squalene which are associated with Gulf War Syndrome.](#) - GMI Summary

Pubmed Data : Neuropharmacology. 2011 Feb-Mar;60(2-3):252-8. Epub 2010 Sep 22. PMID: [12127050](#)

Article Published Date : Feb 01, 2011

Authors : Pamela B Asa, Russell B Wilson, Robert F Garry

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Gulf War Syndrome : CK\(33\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

Topic: [HPV](#)

[Human Papilloma Virus \(HPV\) vaccine is associated with demyelinating events.](#) - GMI Summary

Pubmed Data : Mult Scler. 2009 Jan;15(1):116-9. Epub 2008 Sep 19. PMID: [18805844](#)

Article Published Date : Jan 01, 2009

Authors : I Sutton, R Lahoria, H Tan, P Clouston, Mh Barnett

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [HPV : CK\(31\) : AC\(4\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [HPV Vaccine : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[The way that the effectiveness of HPV vaccines are framed influences whether or not respondents believe they are effective and their acceptance level of vaccine mandate policies.](#) - GMI Summary

Pubmed Data : Patient Educ Couns. 2010 Sep 17. Epub 2010 Sep 17. PMID: [20851560](#)

Article Published Date : Sep 17, 2010

Authors : Cabral A Bigman, Joseph N Cappella, Robert C Hornik

Study Type : Human Study

Additional Links

Diseases : [HPV : CK\(31\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

Topic: Infant Chemical Exposures

Neonate exposure to thimerosal mercury from hepatitis B vaccines may be a significant problem. - GMI Summary

Pubmed Data : Am J Perinatol. 2009 Aug;26(7):523-7. Epub 2009 Mar 12. PMID: [19283656](#)

Article Published Date : Aug 01, 2009

Authors : José G Dórea, Rejane C Marques, Katiane G Brandão

Study Type : Meta Analysis

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Infant Chemical Exposures : CK\(162\) : AC\(22\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: Infection: In Infants & Children

Inactivated flu vaccines have not been proven to be effective or safe in preventing influenza in healthy children under two. - GMI Summary

Pubmed Data : Altern Ther Health Med. 2009 Sep-Oct;15(5):44-6. PMID: [18425905](#)

Article Published Date : Sep 01, 2009

Authors : Tom Jefferson, Alessandro Rivetti, Anthony Harnden, Carlo Di Pietrantonj, Vittorio Demicheli

Study Type : Meta Analysis

Additional Links

Diseases : [Cold and Flu: Infants & Children : CK\(62\) : AC\(6\)](#), [Infection: In Infants & Children : CK\(111\) : AC\(11\)](#), [Influenza A : CK\(305\) : AC\(73\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: Myopericarditis

Among US military personnel vaccinated against smallpox, myopericarditis occurred at a rate of 1 per 12,819 primary vaccinees, and 3.6 fold higher in those without previous vaccinia vaccination. - GMI Summary

Pubmed Data : JAMA. 2003 Jun 25;289(24):3283-9. PMID: [12824210](#)

Article Published Date : Jun 25, 2003

Authors : Jeffrey S Halsell, James R Riddle, J Edwin Atwood, Pierce Gardner, Robert Shope, Gregory A Poland, Gregory C Gray, Stephen Ostroff, Robert E Eckart, Duane R Hospenthal, Roger L Gibson, John D Grabenstein, Mark K Arness, David N Tornberg,

Study Type : Human Study

Additional Links

Diseases : [Myopericarditis : CK\(40\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

An economic analysis of mass smallpox vaccination reveals that cardiovascular adverse events would be sizeable and costly. - GMI Summary

Pubmed Data : J Rheumatol. 1994 Jul;21(7):1305-9. PMID: [18284356](#)

Article Published Date : Jul 01, 1994

Authors : Ismael R Ortega-Sanchez, Mercedes M Sniadack, Gina T Mootrey

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Myocarditis and pericarditis have been reported following smallpox vaccination in Europe, Australia and the United States.](#) - GMI Summary

Pubmed Data : Clin Infect Dis. 2008 Mar 15;46 Suppl 3:S242-50. PMID: [18284365](#)

Article Published Date : Mar 15, 2008

Authors : Juliette Morgan, Martha H Roper, Laurence Sperling, Richard A Schieber, James D Heffelfinger, Christine G Casey, Jacqueline W Miller, Scott Santibanez, Barbara Herwaldt, Paige Hightower, Pedro L Moro, Beth F Hibbs, Nancy H Levine, Louisa E Chapman, John Iskander, J Michael Lane, Melinda Wharton, Gina T Mootrey, David L Swerdlow

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Smallpox vaccination has been associated with cardiac complications such as myopericarditis.](#) - GMI Summary

Pubmed Data : South Med J. 2009 May 7. Epub 2009 May 7. PMID: [19434043](#)

Article Published Date : May 07, 2009

Authors : Luis F Mora, Akbar H Khan, Laurence S Sperling

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Topic: Abortion: Spontaneous](#)

[A vaccine developed for bison resulted in inducing placentitis and abortion in pregnant cows.](#) - GMI Summary

Pubmed Data : Am J Vet Res. 1996 Nov;57(11):1604-7. PMID: [8915438](#)

Article Published Date : Nov 01, 1996

Authors : M V Palmer, S C Olsen, M J Gilsdorf, L M Philo, P R Clarke, N F Chevillie

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#),

[Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Pregnant cows vaccinated against a Brucella strain experienced an abortion rate of 58%.](#) - GMI Summary

Pubmed Data : J Wildl Dis. 1991 Apr;27(2):258-64. PMID: [1906114](#)

Article Published Date : Apr 01, 1991

Authors : D S Davis, J W Templeton, T A Ficht, J D Huber, R D Angus, L G Adams

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#),

[Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Pregnant cows vaccinated with live attenuated Smithburn Rift Valley virus had a high rate of abortions which were associated with elevations in IgG and IgM antibodies.](#) - GMI Summary

Pubmed Data : J Med Virol. 2006 Jun;78(6):787-91. PMID: [16628582](#)

Article Published Date : Jun 01, 2006

Authors : Boulous Botros, Adel Omar, Khairat Elian, Gihan Mohamed, Atef Soliman, Adel Salib, Diaa Salman, Magdi Saad, Kenneth Earhart

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever : CK\(4\) : AC\(2\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Rift Valley fever vaccine in goats cause severe deleterious pathological changes in liver especially in kids and causing abortion in pregnant does. - GMI Summary](#)

Pubmed Data : Virol J. 2009;6:94. Epub 2009 Jul 6. PMID: [19580675](#)

Article Published Date : Jan 01, 2009

Authors : Samia Ahmed Kamal

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever : CK\(4\) : AC\(2\)](#), [Rift Valley Fever : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[The vaccination of pregnant sheep resulted in abortions and hydranencephaly. - GMI Summary](#)

Pubmed Data : Int Immunopharmacol. 2005 Mar;5(3):555-69. PMID: [8825310](#)

Article Published Date : Mar 01, 2005

Authors : M Flanagan, S J Johnson

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Hydranencephaly : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Vaccination of pregnant monkeys resulted in abortions in 2 out of 25. - GMI Summary](#)

Pubmed Data : Am J Trop Med Hyg. 1991 Apr;44(4):382-9. PMID: [2042705](#)

Article Published Date : Apr 01, 1991

Authors : A Escajadillo, J K Frenkel

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[The number of elective abortions following vaccination during pregnancy may be under-reported and could be substantial. - GMI Summary](#)

Pubmed Data : Vaccine. 2008 May 2;26(19):2428-32. Epub 2008 Mar 17. PMID: [18406499](#)

Article Published Date : May 02, 2008

Authors : Soju Chang, Robert Ball, M Miles Braun

Study Type : Review

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Rheumatoid Arthritis

Hepatitis B vaccination significantly increases the risk of a wide range of autoimmune diseases. - GMI Summary

Pubmed Data : Autoimmunity. 2005 Jun;38(4):295-301. PMID: [16206512](#)

Article Published Date : Jun 01, 2005

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Alopecia : CK\(131\) : AC\(28\)](#), [Arthritis : CK\(1430\) : AC\(218\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Adult rubella and adult hepatitis B vaccines were statistically associated with chronic arthritis which persisted for at least one year. - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2002 Nov-Dec;20(6):767-71. PMID: [12508767](#)

Article Published Date : Nov 01, 2002

Authors : D A Geier, M R Geier

Study Type : Animal Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: Childhood Infections

BCG revaccination may raise mortality in young children. - GMI Summary

Pubmed Data : BMJ. 2010;340:c671. Epub 2010 Mar 15. PMID: [20231251](#)

Article Published Date : Jan 01, 2010

Authors : Adam Edvin Roth, Christine Stabell Benn, Henrik Ravn, Amabelia Rodrigues, Ida Maria Lisse, Maria Yazdanbakhsh, Hilton Whittle, Peter Aaby

Study Type : Human Study

Additional Links

Diseases : [Childhood Infections : CK\(275\) : AC\(29\)](#), [Tuberculosis : CK\(255\) : AC\(44\)](#)

Anti Therapeutic Actions : [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#)

[Influenza vaccines were not shown to be effective among children 6 to 59 months of age during 2 influenza seasons. - GMI Summary](#)

Pubmed Data : Anticancer Res. 2009 Nov;29(11):4629-32. PMID: [18838647](#)

Article Published Date : Nov 01, 2009

Authors : Peter G Szilagyi, Gerry Fairbrother, Marie R Griffin, Richard W Hornung, Stephanie Donauer, Ardythe Morrow, Mekibib Altaye, Yuwei Zhu, Sandra Ambrose, Kathryn M Edwards, Katherine A Poehling, Geraldine Lofthus, Michol Holloway, Lyn Finelli, Marika Iwane, Mary Allen Staat,

Study Type : Human Study

Additional Links

Diseases : [Childhood Infections : CK\(275\) : AC\(29\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Guillain-Barré syndrome following H1N1 immunization in a pediatric patient has been reported. - GMI Summary](#)

Pubmed Data : Ann Pharmacother. 2010 Jul-Aug;44(7-8):1330-3. Epub 2010 May 18. PMID: [20484170](#)

Article Published Date : Jul 01, 2010

Authors : Marie-Eve Tremblay, Aurélie Closon, Guy D'Anjou, Jean-François Bussières

Study Type : Human: Case Report

Additional Links

Diseases : [Childhood Infections : CK\(275\) : AC\(29\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: [Ear Infection](#)

[Hepatitis B vaccine is positively associated with adverse health outcomes in the general population of US children. - GMI Summary](#)

Pubmed Data : Ann Epidemiol. 2001 Jan;11(1):13-21. PMID: [11164115](#)

Article Published Date : Jan 01, 2001

Authors : M A Fisher, S A Eklund, S A James, X Lin

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Juvenile Chronic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Rheumatoid : CK\(10\) : AC\(1\)](#), [Ear Infection : CK\(604\) : AC\(33\)](#), [Pharyngeal Diseases : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Pneumococcal conjugate vaccine is not effective to prevent ear infections in previously unvaccinated toddlers and children with a history of recurrent ear infections. - GMI Summary](#)

Pubmed Data : Lancet. 2003 Jun 28;361(9376):2189-95. PMID: [12842372](#)

Article Published Date : Jun 28, 2003

Authors : Reinier Veenhoven, Debby Bogaert, Cuno Uiterwaal, Carole Brouwer, Herma Kiezebrink, Jacob Bruin, Ed IJzerman, Peter Hermans, Ronald de Groot, Ben Zegers, Wietse Kuis, Ger Rijkers, Anne Schilder, Elisabeth Sanders

Study Type : Human Study

Additional Links

Diseases : [Ear Infection : CK\(604\) : AC\(33\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#)
Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Review: based on currently available research pneumoccal vaccination should not be recommended for large scale use in ear infection prone populations. - GMI Summary](#)

Pubmed Data : Cochrane Database Syst Rev. 2002(2):CD001480. PMID: [12076412](#)

Article Published Date : Jan 01, 2002

Authors : M Straetemans, E A Sanders, R H Veenhoven, A G Schilder, R A Damoiseaux, G A Zielhuis

Study Type : Review

Additional Links

Diseases : [Ear Infection : CK\(604\) : AC\(33\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Topic: Immune Dysregulation: TH1/TH2 imbalance](#)

[The association with DTwP vaccines and increased infant mortality in females may be due to vaccine adjuvants and Th2 polarizing effects. - GMI Summary](#)

Pubmed Data : J Trop Med. 2011 ;2011:706304. Epub 2011 May 5. PMID: [21760811](#)

Article Published Date : Jan 01, 2011

Authors : Mogens Helweg Claesson

Study Type : Human Study

Additional Links

Diseases : [Immune Dysregulation: TH1/TH2 imbalance : CK\(146\) : AC\(36\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Diphtheria : CK\(50\) : AC\(2\)](#)

Problem Substances : [Adjuvant : CK\(18\) : AC\(6\)](#), [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

[Adjuvants in vaccines may trigger innate cells response by toll-like receptors, thus eliciting a possible non-IgE mediated allergy phenomenon or causing B-cell activation and autoimmunity. - GMI Summary](#)

Pubmed Data : Hum Vaccin. 2011 Aug 1 ;7(8). Epub 2011 Aug 1. PMID: [21785282](#)

Article Published Date : Aug 01, 2011

Authors : Salvatore Chirumbolo

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hypersensitivity : CK\(64\) : AC\(15\)](#), [Immune Disorders: B-Cell Over-Activity : CK\(2\) : AC\(2\)](#), [Immune Dysregulation: TH1/TH2 imbalance : CK\(146\) : AC\(36\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Adjuvant : CK\(18\) : AC\(6\)](#)

[Topic: Acute Autoimmune Neuropathy](#)

[Hepatitis B vaccination has been linked to autoimmune inflammatory polyneuropathy \(PN\). - GMI Summary](#)

Pubmed Data : J Peripher Nerv Syst. 2002 Sep;7(3):163-7. PMID: [12365564](#)

Article Published Date : Sep 01, 2002

Authors : Claude Vital, Anne Vital, Georges Gbikpi-Benissan, Maïté Longy-Boursier, Marie-Thérèse Climas, Yves Castaing, Marie-Hélène Canron, Michel Le Bras, Klaus Petry

Study Type : Human Study

Additional Links

Diseases : [Acute Autoimmune Neuropathy : CK\(104\) : AC\(2\)](#), [Autoimmune inflammatory polyneuropathy \(PN\) : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Swine and influenza vaccines induce anti-ganglioside antibodies associated with autoimmune neuropathies such as Guillain-Barre syndrome.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2008 Jul 15;198(2):226-33. PMID: [18522505](#)

Article Published Date : Jul 15, 2008

Authors : Irving Nachamkin, Sean V Shadomy, Anthony P Moran, Nancy Cox, Collette Fitzgerald, Huong Ung, Adrian T Corcoran, John K Iskander, Lawrence B Schonberger, Robert T Chen

Study Type : Human Study

Additional Links

Diseases : [Acute Autoimmune Neuropathy : CK\(104\) : AC\(2\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Influenza Vaccine : CK\(10\) : AC\(1\)](#), [Swine Flu Vaccine : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [C-Reactive Protein](#)

[CRP level in infants is elevated in the 48 hours following immunization.](#) - GMI Summary

Pubmed Data : J Pediatr. 2007 Aug ;151(2):167-72. Epub 2007 Jun 22. PMID: [17643770](#)

Article Published Date : Aug 01, 2007

Authors : Massroor Pourcyrus, Sheldon B Korones, Kristopher L Arheart, Henrietta S Bada

Study Type : Human Study

Additional Links

Diseases : [C-Reactive Protein : CK\(819\) : AC\(74\)](#), [Premature Birth : CK\(412\) : AC\(43\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Multiple Vaccines : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Influenza A vaccination containing adjuvant causes cardiac autonomic dysfunction and inflammation which may transiently increase the risk of cardiovascular events.](#) - GMI Summary

Pubmed Data : J Intern Med. 2010 Sep 1. Epub 2010 Sep 1. PMID: [20964738](#)

Article Published Date : Sep 01, 2010

Authors : Gaetano A Lanza, Lucy Barone, Giancarla Scalone, Dario Pitocco, Gregory A Sgueglia, Roberto Mollo, Roberto Nerla, Francesco Zaccardi, Giovanni Ghirlanda, Filippo Crea

Study Type : Human Study

Additional Links

Diseases : [C-Reactive Protein : CK\(819\) : AC\(74\)](#), [Cardiovascular Diseases : CK\(5138\) : AC\(641\)](#), [Diabetes Mellitus: Type 2 : CK\(3492\) : AC\(341\)](#), [Influenza A : CK\(305\) : AC\(73\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Pharmacological Actions : [Interleukin-6 upregulation : CK\(26\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: [Cataract](#)

[In one study on rubella vaccination in 19 pregnant women, 9 aborted, 8 induced and 1 spontaneously.](#) - GMI Summary

Pubmed Data : Int Ophthalmol Clin. 1975;15(4):229-41. PMID: [773881](#)

Article Published Date : Jan 01, 1975

Authors : V Boniuk

Study Type : Human Study

Additional Links

Diseases : [Cataract : CK\(182\) : AC\(55\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Corticosteroid-Induced Toxicity](#)

[Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease. - GMI Summary](#)

Pubmed Data : Pediatrics. 2003 Aug;112(2):e98-103. PMID: [12897314](#)

Article Published Date : Aug 01, 2003

Authors : Thomas Verstraeten, Aisha O Jumaan, John P Mullooly, Jane F Seward, Hector S Izurieta, Frank DeStefano, Steven B Black, Robert T Chen,

Study Type : Human Study

Additional Links

Diseases : [Asthma : CK\(918\) : AC\(134\)](#), [Chickenpox : CK\(80\) : AC\(8\)](#), [Corticosteroid-Induced Toxicity : CK\(78\) : AC\(17\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Encephalitis](#)

[Pertussis vaccination may activate a genetic predisposition for encephalopathy in susceptible individuals. - GMI Summary](#)

Pubmed Data : Cytotechnology. 2002 Nov;40(1-3):139-49. PMID: [20447868](#)

Article Published Date : Nov 01, 2002

Authors : Anne M McIntosh, Jacinta McMahon, Leanne M Dibbens, Xenia Iona, John C Mulley, Ingrid E Scheffer, Samuel F Berkovic

Study Type : Human Study

Additional Links

Diseases : [Dravet syndrome : CK\(30\) : AC\(3\)](#), [Encephalitis : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Varicella-zoster vaccine has been linked to herpes zoster ophthalmicus and encephalitis as possible, though rare side effects. - GMI Summary](#)

Pubmed Data : Pediatrics. 2010 Apr;125(4):e969-72. Epub 2010 Mar 1. PMID: [20194287](#)

Article Published Date : Apr 01, 2010

Authors : Giorgos Chouliaras, Vana Spoulou, Mark Quinlivan, Judith Breuer, Maria Theodoridou

Study Type : Human Study

Additional Links

Diseases : [Encephalitis : CK\(23\) : AC\(4\)](#), [Herpes: Ocular : CK\(12\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Encephalopathy: Acute Necrotizing](#)

[Acute necrotizing encephalopathy secondary to diphtheria, tetanus toxoid and whole-cell pertussis vaccination has been reported.](#) - GMI Summary

Pubmed Data : [Pediatr Radiol. 2010 Jul;40\(7\):1281-4. Epub 2010 Jan 30. PMID: 20119724](#)

Article Published Date : Jul 01, 2010

Authors : Hale Aydin, Esra Ozgul, Ahmet Muhtesem Agildere

Study Type : Human Study

Additional Links

Diseases : [Encephalopathy: Acute Necrotizing : CK\(20\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Serious adverse events associated with whole cell pertussis vaccine, e.g. sudden infant death syndrome and encephalopathy, may have occurred in metabolically vulnerable children.](#) - GMI Summary

Pubmed Data : [Pharmazie. 2007 Apr;62\(4\):299-304. PMID: 19660877](#)

Article Published Date : Apr 01, 2007

Authors : Kumanan Wilson, Beth Potter, Douglas Manuel, Jennifer Keelan, Pranesh Chakraborty

Study Type : Human Study

Additional Links

Diseases : [Encephalopathy: Acute Necrotizing : CK\(20\) : AC\(2\)](#), [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Topic: Febrile Seizures](#)

[Combined MMR and varicella live vaccine is associated with higher rates of febrile convulsion than giving the vaccines separately.](#) - GMI Summary

Pubmed Data : [Vaccine. 2009 Jul 23;27\(34\):4656-61. Epub 2009 Jun 9. PMID: 19520201](#)

Article Published Date : Jul 23, 2009

Authors : Steven J Jacobsen, Bradley K Ackerson, Lina S Sy, Trung N Tran, Tonia L Jones, Janis F Yao, Fagen Xie, T Craig Cheetham, Patricia Saddier

Study Type : Human Study

Additional Links

Diseases : [Febrile Seizures : CK\(83\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Topic: Meningitis: Viral](#)

[Varicella vaccine has been reported to cause herpes zoster skin lesions and meningitis in a previously healthy boy.](#) - GMI Summary

Pubmed Data : [J Infect Dis. 2008 Nov 15;198\(10\):1444-7. PMID: 18826373](#)

Article Published Date : Nov 15, 2008

Authors : Myron J Levin, Roberta L DeBiasi, Vanda Bostik, D Scott Schmid

Study Type : Human Study

Additional Links

Diseases : [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Meningitis: Viral : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Varicella vaccine has been reported to viral meningitis in an immunocompetent](#)

child. - GMI Summary

Pubmed Data : Ann Emerg Med. 2009 Jun;53(6):792-5. Epub 2008 Nov 22. PMID: [19028409](#)

Article Published Date : Jun 01, 2009

Authors : Sujit Iyer, Manoj K Mittal, Richard L Hodinka

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Meningitis: Viral : CK\(20\) : AC\(2\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Additional Keywords : [Undefined : CK\(14\) : AC\(3\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: Myocarditis

An economic analysis of mass smallpox vaccination reveals that cardiovascular adverse events would be sizeable and costly. - GMI Summary

Pubmed Data : J Rheumatol. 1994 Jul;21(7):1305-9. PMID: [18284356](#)

Article Published Date : Jul 01, 1994

Authors : Ismael R Ortega-Sanchez, Mercedes M Sniadack, Gina T Mootrey

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

Myocarditis and pericarditis have been reported following smallpox vaccination in Europe, Australia and the United States. - GMI Summary

Pubmed Data : Clin Infect Dis. 2008 Mar 15;46 Suppl 3:S242-50. PMID: [18284365](#)

Article Published Date : Mar 15, 2008

Authors : Juliette Morgan, Martha H Roper, Laurence Sperling, Richard A Schieber, James D Heffelfinger, Christine G Casey, Jacqueline W Miller, Scott Santibanez, Barbara Herwaldt, Paige Hightower, Pedro L Moro, Beth F Hibbs, Nancy H Levine, Louisa E Chapman, John Iskander, J Michael Lane, Melinda Wharton, Gina T Mootrey, David L Swerdlow

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

Smallpox vaccination has been associated with cardiac complications such as myopericarditis. - GMI Summary

Pubmed Data : South Med J. 2009 May 7. Epub 2009 May 7. PMID: [19434043](#)

Article Published Date : May 07, 2009

Authors : Luis F Mora, Akbar H Khan, Laurence S Sperling

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

Topic: Pericarditis

An economic analysis of mass smallpox vaccination reveals that cardiovascular adverse events would be sizeable and costly. - GMI Summary

Pubmed Data : J Rheumatol. 1994 Jul;21(7):1305-9. PMID: [18284356](#)

Article Published Date : Jul 01, 1994

Authors : Ismael R Ortega-Sanchez, Mercedes M Sniadack, Gina T Mootrey

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Myocarditis and pericarditis have been reported following smallpox vaccination in Europe, Australia and the United States.](#) - GMI Summary

Pubmed Data : Clin Infect Dis. 2008 Mar 15;46 Suppl 3:S242-50. PMID: [18284365](#)

Article Published Date : Mar 15, 2008

Authors : Juliette Morgan, Martha H Roper, Laurence Sperling, Richard A Schieber, James D Heffelfinger, Christine G Casey, Jacqueline W Miller, Scott Santibanez, Barbara Herwaldt, Paige Hightower, Pedro L Moro, Beth F Hibbs, Nancy H Levine, Louisa E Chapman, John Iskander, J Michael Lane, Melinda Wharton, Gina T Mootrey, David L Swerdlow

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Smallpox vaccination has been associated with cardiac complications such as myopericarditis.](#) - GMI Summary

Pubmed Data : South Med J. 2009 May 7. Epub 2009 May 7. PMID: [19434043](#)

Article Published Date : May 07, 2009

Authors : Luis F Mora, Akbar H Khan, Laurence S Sperling

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

Topic: [Pneumonia](#)

[Influenza vaccination for healthcare workers who work with the elderly has no effect on laboratory-proven influenza, pneumonia or deaths from pneumonia.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2010(2):CD005187. Epub 2010 Feb 17. PMID: [20166073](#)

Article Published Date : Jan 01, 2010

Authors : Roger E Thomas, Tom Jefferson, Toby J Lasserson

Study Type : Meta Analysis

Additional Links

Diseases : [Elderly: Age Specific Diseases : CK\(442\) : AC\(37\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Pneumonia : CK\(330\) : AC\(40\)](#)

Anti Therapeutic Actions : [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Pneumococcal vaccines do not appear to reduce the risk of death from pneumonia in adult populations.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2003(4):CD000422. PMID: [14583920](#)

Article Published Date : Jan 01, 2003

Authors : K Dear, J Holden, R Andrews, D Tatham

Study Type : Human Study

Additional Links

Diseases : [Pneumococcal Infections](#) : CK(50) : AC(11), [Pneumonia](#) : CK(330) : AC(40)
Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Pneumococcal](#) : CK(71) : AC(8)

Topic: [Premature Birth](#)

[CRP level in infants is elevated in the 48 hours following immunization.](#) - GMI Summary

Pubmed Data : J Pediatr. 2007 Aug ;151(2):167-72. Epub 2007 Jun 22. PMID: [17643770](#)

Article Published Date : Aug 01, 2007

Authors : Massroor Pourcyrus, Sheldon B Korones, Kristopher L Arheart, Henrietta S Bada

Study Type : Human Study

Additional Links

Diseases : [C-Reactive Protein](#) : CK(819) : AC(74), [Premature Birth](#) : CK(412) : AC(43), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Multiple Vaccines](#) : CK(10) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Hepatitis B vaccination is associated with potentially neurotoxic mercury exposure in infants.](#) - GMI Summary

Pubmed Data : Chin Med. 2008 Mar 29;3:4. PMID: [10802503](#)

Article Published Date : Mar 29, 2008

Authors : G V Stajich, G P Lopez, S W Harry, W R Sexson

Study Type : Human Study

Additional Links

Diseases : [Mercury Poisoning](#) : CK(162) : AC(44), [Premature Birth](#) : CK(412) : AC(43)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

Topic: [Glomerulonephritis](#)

[Hepatitis B vaccination is associated with a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis](#) : CK(1430) : AC(218), [Arthritis: Rheumatoid](#) : CK(289) : AC(54), [Autoimmune Diseases](#) : CK(5317) : AC(779), [Glomerulonephritis](#) : CK(41) : AC(9), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Multiple Sclerosis](#) : CK(716) : AC(133), [Myelitis](#) : CK(39) : AC(5), [Optic Neuritis](#) : CK(23) : AC(3), [Pancytopenia](#) : CK(12) : AC(2), [Systemic Lupus Erythematosus](#) : CK(387) : AC(54), [Thrombocytopenia](#) : CK(800) : AC(25)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[A case of influenza vaccine induced have necrotizing glomerulonephritis in decursu vasculitis has been reported.](#) - GMI Summary

Pubmed Data : Pol Merkur Lekarski. 2005 Jul;19(109):75-7. PMID: [16194032](#)

Article Published Date : Jul 01, 2005

Authors : Lidia Hyla-Klekot, Grazyna Kucharska, Witold Cieslak

Study Type : Human: Case Report

Additional Links

Diseases : [Glomerulonephritis](#) : CK(41) : AC(9), [Vasculitis](#) : CK(48) : AC(11)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) :

Topic: **Lupus Erythematosus: Systemic**

Hepatitis B vaccination significantly increases the risk of a wide range of autoimmune diseases. - GMI Summary

Pubmed Data : Autoimmunity. 2005 Jun;38(4):295-301. PMID: [16206512](#)

Article Published Date : Jun 01, 2005

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Alopecia : CK\(131\) : AC\(28\)](#), [Arthritis : CK\(1430\) : AC\(218\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Possible systemic lupus erythematosus following HPV immunization has been reported. - GMI Summary

Pubmed Data : Lupus. 2012 ;21(2):158-61. PMID: [22235047](#)

Article Published Date : Jan 01, 2012

Authors : Hf Soldevilla, Sfr Briones, Sv Navarra

Study Type : Human: Case Report

Additional Links

Diseases : [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

Topic: **Seizures**

DPT vaccines have been associated with recurrent seizures. - GMI Summary

Pubmed Data : Am J Dis Child. 1984 Oct;138(10):908-11. PMID: [6206715](#)

Article Published Date : Oct 01, 1984

Authors : J V Murphy, L D Sarff, K M Marquardt

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Seizures : CK\(122\) : AC\(28\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

H1N1 vaccination has been linked to possible new-onset seizure. - GMI Summary

Pubmed Data : Pharmacotherapy. 2011 Jan;31(1):113. PMID: [21182364](#)

Article Published Date : Jan 01, 2011

Authors : [No authors listed]

Study Type : Human: Case Report

Additional Links

Diseases : [Influenza : CK\(654\) : AC\(102\)](#), [Seizures : CK\(122\) : AC\(28\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: **Macrophagic myofasciitis**

Aluminum hydroxide-induced macrophagic myofasciitis (MMF) associated with vaccination has been reported. - GMI Summary

Pubmed Data : J Inorg Biochem. 2011 Nov ;105(11):1457-63. Epub 2011 Aug 22. PMID: [22099155](#)

Article Published Date : Nov 01, 2011

Authors : Elodie Passeri, Chiara Villa, Maryline Couette, Emmanuel Itti, Pierre Brugieres, Pierre Cesaro, Romain K Gherardi, Anne-Catherine Bachoud-Levi, François-Jérôme Authier

Study Type : Human Study

Additional Links

Diseases : [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

The pathogenic role of aluminium hydroxide is now recognized by the presence of chronic fatigue syndrome, macrophagic myofasciitis and subcutaneous pseudolymphoma, linked to intramuscular injection of aluminium hydroxide-containing vaccines. - GMI Summary

Pubmed Data : J Trace Elem Med Biol. 2012 Mar 14. Epub 2012 Mar 14. PMID: [22425036](#)

Article Published Date : Mar 14, 2012

Authors : Olivier Guillard, Bernard Fauconneau, Alain Pineau, Annie Marraud, Jean-Pierre Bellocq, Marie-Pierre Chenard

Study Type : Human: Case Report, Review

Additional Links

Diseases : [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Pseudolymphoma : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

Adverse Pharmacological Actions : [Immunotoxic : CK\(230\) : AC\(38\)](#)

Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: Non-polio acute flaccid paralysis (NPAFP)

Paralytic poliomyelitis associated with bivalent oral polio vaccines occurs at a rate over up to 70-fold higher than monovalent oral polio vaccine in Hungary. - GMI Summary

Pubmed Data : Am J Epidemiol. 2011 Aug 1 ;174(3):316-25. Epub 2011 Jun 17. PMID: [21685412](#)

Article Published Date : Jul 31, 2011

Authors : Concepción F Estívariz, Zsuzsanna Molnár, Linda Venczel, Beatrix Kapusinszky, James A Zingeser, Galina Y Lipskaya, Olen M Kew, György Berencsi, Agnes Csohán

Study Type : Human Study

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Oral Polio Vaccine : CK\(10\) : AC\(1\)](#), [Vaccination: Oral Polio Vaccine, Bivalent : CK\(10\) : AC\(1\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[In 2011, there were an extra 47,500 new cases of non-polio acute flaccid paralysis \(NPAFP\); Clinically indistinguishable from polio paralysis but twice as deadly, the incidence of NPAFP was directly proportional to doses of oral polio received.](#) - GMI Summary

Pubmed Data : Indian J Med Ethics. 2012 Apr-Jun;9(2):114-7. PMID: [22591873](#)

Article Published Date : Apr 01, 2012

Authors : Neetu Vashisht, Jacob Puliyeel

Study Type : Review

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Over 40,000 cases of AFP are reported annually since 2007 regardless of the number of actual polio cases.](#) - GMI Summary

Pubmed Data : BMC Public Health. 2012 ;12:229. Epub 2012 Mar 22. PMID: [22439606](#)

Article Published Date : Jan 01, 2012

Authors : Rie R Yotsu, Katharine Abba, Helen Smith, Abhijit Das

Study Type : Review

Additional Links

Diseases : [Acute Flaccid Paralysis : CK\(3\) : AC\(1\)](#), [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Topic: [Animal Diseases: Infectious](#)

[A vaccine developed for bison resulted in inducing placentitis and abortion in pregnant cows.](#) - GMI Summary

Pubmed Data : Am J Vet Res. 1996 Nov;57(11):1604-7. PMID: [8915438](#)

Article Published Date : Nov 01, 1996

Authors : M V Palmer, S C Olsen, M J Gilsdorf, L M Philo, P R Clarke, N F Chevillie

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Pregnant cows vaccinated against a Brucella strain experienced an abortion rate of 58%.](#) - GMI Summary

Pubmed Data : J Wildl Dis. 1991 Apr;27(2):258-64. PMID: [1906114](#)

Article Published Date : Apr 01, 1991

Authors : D S Davis, J W Templeton, T A Ficht, J D Huber, R D Angus, L G Adams

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) :](#)

[Vaccination of pregnant monkeys resulted in abortions in 2 out of 25. - GMI Summary](#)

Pubmed Data : Am J Trop Med Hyg. 1991 Apr;44(4):382-9. PMID: [2042705](#)

Article Published Date : Apr 01, 1991

Authors : A Escajadillo, J K Frenkel

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Vaccine-induced scrapie has been reported in animals. - GMI Summary](#)

Pubmed Data : J Gen Virol. 2003 Apr;84(Pt 4):1047-52. PMID: [12655108](#)

Article Published Date : Apr 01, 2003

Authors : Gianluigi Zanusso, Cristina Casalone, Pierluigi Acutis, Elena Bozzetta, Alessia Farinazzo, Matteo Gelati, Michele Fiorini, Gianluigi Forloni, Man Sun Sy, Salvatore Monaco, Maria Caramelli

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Animal Diseases: Scrapie : CK\(4\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Topic: Child Mortality](#)

[Evidence exists demonstrating that diphtheria-tetanus-pertussis \(DTP\) vaccines increase mortality in children. - GMI Summary](#)

Pubmed Data : Trop Med Int Health. 2007 Jan;12(1):15-24. PMID: [17207144](#)

Article Published Date : Jan 01, 2007

Authors : Peter Aaby, Christine Stabell Benn, Jens Nielsen, Ida Maria Lisse, Amabelia Rodrigues, Henrik Jensen

Study Type : Human Study

Additional Links

Diseases : [Child Mortality : CK\(64\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[High-titer measles vaccination before 9 months of age has been linked to increased female mortality. - GMI Summary](#)

Pubmed Data : Semin Pediatr Infect Dis. 2003 Jul;14(3):220-32. PMID: [12913835](#)

Article Published Date : Jul 01, 2003

Authors : Peter Aaby, Henrik Jensen, Francois Simondon, Hilton Whittle

Study Type : Human Study

Additional Links

Diseases : [Child Mortality : CK\(64\) : AC\(8\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Measles vaccination in developing countries has resulted in higher infant mortality rates. - GMI Summary](#)

Pubmed Data : BMJ. 1993 Nov 20;307(6915):1294-5. PMID: [8257878](#)

Article Published Date : Nov 20, 1993

Authors : A J Hall, F T Cutts

Study Type : Review

Additional Links

Diseases : [Child Mortality : CK\(64\) : AC\(8\)](#), [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Vaccines and flu shots containing mercury may contribute to severe neurological diseases and/or death in children.](#) - GMI Summary

Pubmed Data : J Pediatr. 2009 Apr;154(4):514-520.e4. Epub 2008 Dec 3. PMID: [19205900](#)

Article Published Date : Apr 01, 2009

Authors : Donald A Drum

Study Type : Commentary

Additional Links

Diseases : [Attention Deficit Disorder : CK\(134\) : AC\(12\)](#), [Attention Deficit Disorder with Hyperactivity : CK\(240\) : AC\(30\)](#), [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Child Mortality : CK\(64\) : AC\(8\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Mental Retardation : CK\(71\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Rabies](#)

[Vaccination for rabies, varicella or Lyme disease may result in acute or subacute post-vaccination small fiber neuropathy.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7322-5. Epub 2009 Oct 4. PMID: [19808027](#)

Article Published Date : Dec 09, 2009

Authors : Nizar Souayah, Senda Ajroud-Driss, Howard W Sander, Thomas H Brannagan, Arthur P Hays, Russell L Chin

Study Type : Human Study

Additional Links

Diseases : [Lyme Disease : CK\(32\) : AC\(9\)](#), [Neuropathy: Small Fiber : CK\(10\) : AC\(1\)](#), [Rabies : CK\(13\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Rabies vaccine may be ineffective during symptomatic rabies and may contribute to "early death."](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Nov 27;27(51):7173-7. PMID: [19925949](#)

Article Published Date : Nov 27, 2009

Authors : Rodney E Willoughby

Study Type : Animal Study

Additional Links

Diseases : [Rabies : CK\(13\) : AC\(3\)](#)

Anti Therapeutic Actions : [Vaccination: Rabies : CK\(4\) : AC\(3\)](#)

Topic: [Polio](#)

[The oral polio vaccine is unlikely to be able to eradicate polio from India.](#) - GMI Summary

Pubmed Data : Vaccine. 2008 Apr 16 ;26(17):2058-61. Epub 2008 Mar 14. PMID: [18378367](#)

Article Published Date : Apr 16, 2008

Authors : Yash Paul

Study Type : Human Study

Additional Links

Diseases : [Polio : CK\(19\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Vaccine-derived poliovirus may become pathogenic in complex viral ecosystems, through frequent recombination events and mutations.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2012 May 1 ;205(9):1363-73. Epub 2012 Mar 29. PMID: [22457288](#)

Article Published Date : May 01, 2012

Authors : Marie-Line Joffret, Sophie Jégouic, Maël Bessaud, Jean Balanant, Coralie Tran, Valerie Caro, Barbara Holmblat, Richter Razafindratsimandresy, Jean-Marc Reynes, Mala Rakoto-Andrianarivelo, Francis Delpeyroux

Study Type : Review

Additional Links

Diseases : [Polio : CK\(19\) : AC\(8\)](#), [Polio: Vaccine-Related : CK\(1\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Topic: [Alopecia](#)

[Hepatitis B vaccination significantly increases the risk of a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Autoimmunity. 2005 Jun;38(4):295-301. PMID: [16206512](#)

Article Published Date : Jun 01, 2005

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Alopecia : CK\(131\) : AC\(28\)](#), [Arthritis : CK\(1430\) : AC\(218\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Anemia: Aplastic](#)

[Varicella vaccine may be associated with aplastic anemia in children.](#) - GMI Summary

Pubmed Data : Pediatr Infect Dis J. 2009 Aug;28(8):746-8. PMID: [19633522](#)

Article Published Date : Aug 01, 2009

Authors : Paola Angelini, Fotini Kavadas, Navneet Sharma, Susan E Richardson, Graham Tipples, Chaim Roifman, Yigal Dror, Yehuda Nofech-Mozes

Study Type : Human Study

Additional Links

Diseases : [Anemia: Aplastic : CK\(30\) : AC\(3\)](#), [Chickenpox : CK\(80\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Arthritis: Juvenile Chronic](#)

[Hepatitis B vaccine is positively associated with adverse health outcomes in the general population of US children.](#) - GMI Summary

Pubmed Data : Ann Epidemiol. 2001 Jan;11(1):13-21. PMID: [11164115](#)

Article Published Date : Jan 01, 2001

Authors : M A Fisher, S A Eklund, S A James, X Lin

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Juvenile Chronic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Rheumatoid : CK\(10\) : AC\(1\)](#), [Ear Infection : CK\(604\) : AC\(33\)](#), [Pharyngeal Diseases : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Arthritis: Juvenile Rheumatoid](#)

[Hepatitis B vaccine is positively associated with adverse health outcomes in the general population of US children. - GMI Summary](#)

Pubmed Data : Ann Epidemiol. 2001 Jan;11(1):13-21. PMID: [11164115](#)

Article Published Date : Jan 01, 2001

Authors : M A Fisher, S A Eklund, S A James, X Lin

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Juvenile Chronic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Rheumatoid : CK\(10\) : AC\(1\)](#), [Ear Infection : CK\(604\) : AC\(33\)](#), [Pharyngeal Diseases : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Arthritis: Rheumatoid](#)

[Hepatitis B vaccination is associated with a wide range of autoimmune diseases. - GMI Summary](#)

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Atopic Disease](#)

[Diphtheria immunisation is weakly associated with an increased risk of asthma by age 7 years. - GMI Summary](#)

Pubmed Data : Thorax. 2007 Mar;62(3):270-5. Epub 2006 Nov 7. PMID: [17090571](#)

Article Published Date : Mar 01, 2007

Authors : Kazunori Nakajima, Shyamali C Dharmage, John B Carlin, Cathryn L Wharton, Mark A Jenkins, Graham G Giles, Michael J Abramson, E Haydn Walters, John L Hopper

Study Type : Meta Analysis

Additional Links

Diseases : [Asthma : CK\(918\) : AC\(134\)](#), [Atopic Disease : CK\(91\) : AC\(9\)](#), [Hypersensitivity: Immediate : CK\(93\) : AC\(9\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria : CK\(50\) : AC\(2\)](#)

Topic: [Autoimmune inflammatory polyneuropathy \(PN\)](#)

[Hepatitis B vaccination has been linked to autoimmune inflammatory polyneuropathy \(PN\).](#) - GMI Summary

Pubmed Data : J Peripher Nerv Syst. 2002 Sep;7(3):163-7. PMID: [12365564](#)

Article Published Date : Sep 01, 2002

Authors : Claude Vital, Anne Vital, Georges Gbikpi-Benissan, Maïté Longy-Boursier, Marie-Thérèse Climas, Yves Castaing, Marie-Hélène Carron, Michel Le Bras, Klaus Petry

Study Type : Human Study

Additional Links

Diseases : [Acute Autoimmune Neuropathy : CK\(104\) : AC\(2\)](#), [Autoimmune inflammatory polyneuropathy \(PN\) : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [CRP](#)

[Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclampsia and adverse outcomes such as preterm birth.](#) - GMI Summary

Pubmed Data : Vaccine. 2011 Sep 20. Epub 2011 Sep 20. PMID: [21945263](#)

Article Published Date : Sep 20, 2011

Authors : Lisa M Christian, Jay D Iams, Kyle Porter, Ronald Glaser

Study Type : Human Study

Additional Links

Diseases : [CRP : CK\(30\) : AC\(3\)](#), [Elevated CRP : CK\(72\) : AC\(8\)](#), [Pre-Eclampsia : CK\(309\) : AC\(33\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Pregnancy Complications : CK\(166\) : AC\(19\)](#), [Preterm Birth: Prevention : CK\(111\) : AC\(9\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Interleukin-6 up-regulation : CK\(14\) : AC\(3\)](#), [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

Topic: [Cardiovascular Diseases](#)

[Influenza A vaccination containing adjuvant causes cardiac autonomic dysfunction and inflammation which may transiently increase the risk of cardiovascular events.](#) - GMI Summary

Pubmed Data : J Intern Med. 2010 Sep 1. Epub 2010 Sep 1. PMID: [20964738](#)

Article Published Date : Sep 01, 2010

Authors : Gaetano A Lanza, Lucy Barone, Giancarla Scalone, Dario Pitocco, Gregory A Sgueglia, Roberto Mollo, Roberto Nerla, Francesco Zaccardi, Giovanni Ghirlanda, Filippo Crea

Study Type : Human Study

Additional Links

Diseases : [C-Reactive Protein : CK\(819\) : AC\(74\)](#), [Cardiovascular Diseases : CK\(5138\) : AC\(641\)](#), [Diabetes Mellitus: Type 2 : CK\(3492\) : AC\(341\)](#), [Influenza A : CK\(305\) : AC\(73\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Pharmacological Actions : [Interleukin-6 upregulation : CK\(26\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: [Cervical Cancer](#)

[The risk of miscarriage increases following HPV vaccination.](#) - GMI Summary

Pubmed Data : BMJ. 2010;340:c712. Epub 2010 Mar 2. PMID: [20197322](#)

Article Published Date : Jan 01, 2010

Authors : Sholom Wacholder, Bingshu Eric Chen, Allen Wilcox, George Macones, Paula Gonzalez, Brian Befano, Allan Hildesheim, Ana Cecilia Rodríguez, Diane Solomon, Rolando Herrero, Mark Schiffman,

Study Type : Human Study

Additional Links

Diseases : [Cervical Cancer](#) : CK(368) : AC(69)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13)

Topic: [Diabetes Mellitus: Type 2](#)

[Influenza A vaccination containing adjuvant causes cardiac autonomic dysfunction and inflammation which may transiently increase the risk of cardiovascular events.](#) - GMI Summary

Pubmed Data : J Intern Med. 2010 Sep 1. Epub 2010 Sep 1. PMID: [20964738](#)

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Authors : Gaetano A Lanza, Lucy Barone, Giancarla Scalone, Dario Pitocco, Gregory A Sgueglia, Roberto Mollo, Roberto Nerla, Francesco Zaccardi, Giovanni Ghirlanda, Filippo Crea

Study Type : Human Study

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Diseases : [C-Reactive Protein](#) : CK(819) : AC(74), [Cardiovascular Diseases](#) : CK(5138) : AC(641), [Diabetes Mellitus: Type 2](#) : CK(3492) : AC(341), [Influenza A](#) : CK(305) : AC(73), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Pharmacological Actions : [Interleukin-6 upregulation](#) : CK(26) : AC(7)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

Topic: [Gastroenteritis](#)

[Rotavirus vaccination has been associated with increased risk for gastroenteritis and intussusception.](#) - GMI Summary

Pubmed Data : Pediatrics. 2004 Apr;113(4):e353-9. PMID: [15060267](#)

Article Published Date : Apr 01, 2004

Authors : Penina Haber, Robert T Chen, Lynn R Zanardi, Gina T Mootrey, Roseanne English, M Miles Braun,

Study Type : Human Study

Additional Links

Diseases : [Gastroenteritis](#) : CK(96) : AC(11), [Intussusception](#) : CK(30) : AC(3), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Rotavirus](#) : CK(33) : AC(6)

Topic: [Gastrointestinal Diseases](#)

[Hepatitis B vaccination was statistically associated with gastrointestinal reactions including: hepatitis, gastrointestinal disease and liver function test abnormalities.](#) - GMI Summary

Pubmed Data : Hepatogastroenterology. 2002 Nov-Dec;49(48):1571-5. PMID: [12397738](#)

Article Published Date : Nov 01, 2002

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Gastrointestinal Diseases](#) : CK(38) : AC(14), [Hepatitis](#) : CK(64) : AC(23), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) :

Topic: Haemophilus influenzae

[A Haemophilus b polysaccharide vaccine resulted in minus 58 percent efficacy in children in Minnesota in August 1985. - GMI Summary](#)

Pubmed Data : JAMA. 1988 Sep 9;260(10):1423-8. PMID: [3261350](#)

Article Published Date : Sep 09, 1988

Authors : M T Osterholm, J H Rambeck, K E White, J L Jacobs, L M Pierson, J D Neaton, C W Hedberg, K L MacDonald, D M Granoff

Study Type : Human Study

Additional Links

Diseases : [Haemophilus influenzae](#) : CK(54) : AC(9)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Haemophilus Influenzae](#) : CK(32) : AC(4)

Topic: Hearing Loss: Sudden

[38,787 adverse events including infant death \(highest in 1-3 month olds\) after vaccination were reported between 1991-1994. \(The authors speciously claim SIDS and not vaccination caused these deaths\). - GMI Summary](#)

Pubmed Data : J Pediatr. 1997 Oct;131(4):529-35. PMID: [9386653](#)

Article Published Date : Oct 01, 1997

Authors : M M Braun, S S Ellenberg

Study Type : Meta Analysis

Additional Links

Diseases : [Hearing Loss: Sudden](#) : CK(30) : AC(3), [Infant Mortality](#) : CK(229) : AC(23), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Topic: Hepatitis

[Hepatitis B vaccination was statistically associated with gastrointestinal reactions including: hepatitis, gastrointestinal disease and liver function test abnormalities. - GMI Summary](#)

Pubmed Data : Hepatogastroenterology. 2002 Nov-Dec;49(48):1571-5. PMID: [12397738](#)

Article Published Date : Nov 01, 2002

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Gastrointestinal Diseases](#) : CK(38) : AC(14), [Hepatitis](#) : CK(64) : AC(23), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

Topic: Herpes: Ocular

[Varicella-zoster vaccine has been linked to herpes zoster ophthalmicus and encephalitis as possible, though rare side effects. - GMI Summary](#)

Pubmed Data : Pediatrics. 2010 Apr;125(4):e969-72. Epub 2010 Mar 1. PMID: [20194287](#)

Article Published Date : Apr 01, 2010

Authors : Giorgos Chouliaras, Vana Spoulou, Mark Quinlivan, Judith Breuer, Maria Theodoridou

Study Type : Human Study

Additional Links

Diseases : [Encephalitis : CK\(23\) : AC\(4\)](#), [Herpes: Ocular : CK\(12\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Hypersensitivity: Immediate](#)

[Diphtheria immunisation is weakly associated with an increased risk of asthma by age 7 years.](#) - GMI Summary

Pubmed Data : Thorax. 2007 Mar;62(3):270-5. Epub 2006 Nov 7. PMID: [17090571](#)

Article Published Date : Mar 01, 2007

Authors : Kazunori Nakajima, Shyamali C Dharmage, John B Carlin, Cathryn L Wharton, Mark A Jenkins, Graham G Giles, Michael J Abramson, E Haydn Walters, John L Hopper

Study Type : Meta Analysis

Additional Links

Diseases : [Asthma : CK\(918\) : AC\(134\)](#), [Atopic Disease : CK\(91\) : AC\(9\)](#), [Hypersensitivity: Immediate : CK\(93\) : AC\(9\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria : CK\(50\) : AC\(2\)](#)

Topic: [Iatrogenic Disease](#)

[Acute hepatitis B can occur in those who are vaccinated against it and who are exposed through unprotected sexual contact and iatrogenically.](#) - GMI Summary

Pubmed Data : Postgrad Med J. 2006 Mar;82(965):207-10. PMID: [16517803](#)

Article Published Date : Mar 01, 2006

Authors : G Rosner, Y Lurie, L Blendis, Z Halpern, R Oren

Study Type : Human Study

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Iatrogenic Disease : CK\(62\) : AC\(7\)](#)

Additional Keywords : [Iatrogenic Disease : CK\(226\) : AC\(26\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Inflammation](#)

[Hepatitis B vaccination is associated with an increased risk of CNS inflammatory demyelination after 3 years of age.](#) - GMI Summary

Pubmed Data : Reprod Toxicol. 2002 May-Jun;16(3):237-43. PMID: [18843097](#)

Article Published Date : May 01, 2002

Authors : Yann Mikaeloff, Guillaume Caridade, Samy Suissa, Marc Tardieu

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Inflammation : CK\(1077\) : AC\(363\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Inflammatory Bowel Diseases](#)

[Measles virus DNA from the MMR vaccine has been found in peripheral mononuclear cells in patients with ulcerative colitis and children with autism,](#)

[indicating its possible role in the pathogenesis of these disorders.](#) - GMI

Summary

Pubmed Data : Dig Dis Sci. 2000 Apr;45(4):723-9. PMID: [10759242](#)

Article Published Date : Apr 01, 2000

Authors : H Kawashima, T Mori, Y Kashiwagi, K Takekuma, A Hoshika, A Wakefield

Study Type : Human Study

Additional Links

Diseases : [Autism Spectrum Disorders](#) : CK(1140) : AC(108), [Inflammatory Bowel Diseases](#) : CK(1227) : AC(103), [Ulcerative Colitis](#) : CK(429) : AC(39), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

Topic: [Influenza B](#)

[There is little evidence supporting the belief that vaccines are effective in preventing influenza in healthy adults.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2010(7):CD001269. Epub 2010 Jul 7. PMID: [20614424](#)

Article Published Date : Jan 01, 2010

Authors : Tom Jefferson, Carlo Di Pietrantonj, Alessandro Rivetti, Ghada A Bawazeer, Lubna A Al-Ansary, Eliana Ferroni

Study Type : Meta Analysis

Additional Links

Diseases : [Influenza A](#) : CK(305) : AC(73), [Influenza B](#) : CK(72) : AC(14)

Anti Therapeutic Actions : [Vaccination: Influenza](#) : CK(356) : AC(37)

Topic: [Joint Diseases](#)

[Anthrax vaccination contributes to joint related adverse reactions.](#) - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2002 Mar-Apr;20(2):217-20. PMID: [12051402](#)

Article Published Date : Mar 01, 2002

Authors : D A Geier, M R Geier

Study Type : Human Study

Additional Links

Diseases : [Joint Diseases](#) : CK(10) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Anthrax](#) : CK(62) : AC(8)

Topic: [Liver Disease](#)

[Hepatitis B vaccine is associated with an increased risk of liver problems in U.S. children less than 6 years old, 1993 and 1994.](#) - GMI Summary

Pubmed Data : Epidemiology. 1999 May;10(3):337-9. PMID: [10230847](#)

Article Published Date : May 01, 1999

Authors : M A Fisher, S A Eklund

Study Type : Human Study

Additional Links

Diseases : [Liver Disease](#) : CK(112) : AC(31), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

Topic: [Lyme Disease](#)

[Vaccination for rabies, varicella or Lyme disease may result in acute or subacute post-vaccination small fiber neuropathy.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7322-5. Epub 2009 Oct 4. PMID: [19808027](#)

Article Published Date : Dec 09, 2009

Authors : Nizar Souayah, Senda Ajroud-Driss, Howard W Sander, Thomas H Brannagan, Arthur P Hays, Russell L Chin

Study Type : Human Study

Additional Links

Diseases : [Lyme Disease : CK\(32\) : AC\(9\)](#), [Neuropathy: Small Fiber : CK\(10\) : AC\(1\)](#), [Rabies : CK\(13\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Neuropathy: Small Fiber](#)

[Vaccination for rabies, varicella or Lyme disease may result in acute or subacute post-vaccination small fiber neuropathy.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7322-5. Epub 2009 Oct 4. PMID: [19808027](#)

Article Published Date : Dec 09, 2009

Authors : Nizar Souayah, Senda Ajroud-Driss, Howard W Sander, Thomas H Brannagan, Arthur P Hays, Russell L Chin

Study Type : Human Study

Additional Links

Diseases : [Lyme Disease : CK\(32\) : AC\(9\)](#), [Neuropathy: Small Fiber : CK\(10\) : AC\(1\)](#), [Rabies : CK\(13\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Pancytopenia](#)

[Hepatitis B vaccination is associated with a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Pharyngeal Diseases](#)

[Hepatitis B vaccine is positively associated with adverse health outcomes in the general population of US children.](#) - GMI Summary

Pubmed Data : Ann Epidemiol. 2001 Jan;11(1):13-21. PMID: [11164115](#)

Article Published Date : Jan 01, 2001

Authors : M A Fisher, S A Eklund, S A James, X Lin

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Juvenile Chronic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Rheumatoid : CK\(10\) : AC\(1\)](#), [Ear Infection : CK\(604\) : AC\(33\)](#), [Pharyngeal Diseases : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Pre-Eclampsia](#)

[Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclampsia and adverse outcomes such as preterm birth. - GMI Summary](#)

Pubmed Data : Vaccine. 2011 Sep 20. Epub 2011 Sep 20. PMID: [21945263](#)

Article Published Date : Sep 20, 2011

Authors : Lisa M Christian, Jay D Iams, Kyle Porter, Ronald Glaser

Study Type : Human Study

Additional Links

Diseases : [CRP : CK\(30\) : AC\(3\)](#), [Elevated CRP : CK\(72\) : AC\(8\)](#), [Pre-Eclampsia : CK\(309\) : AC\(33\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Pregnancy Complications : CK\(166\) : AC\(19\)](#), [Preterm Birth: Prevention : CK\(111\) : AC\(9\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Interleukin-6 up-regulation : CK\(14\) : AC\(3\)](#), [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

Topic: [Pregnancy Complications](#)

[Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclampsia and adverse outcomes such as preterm birth. - GMI Summary](#)

Pubmed Data : Vaccine. 2011 Sep 20. Epub 2011 Sep 20. PMID: [21945263](#)

Article Published Date : Sep 20, 2011

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Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Interleukin-6 up-regulation : CK\(14\) : AC\(3\)](#), [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

Topic: [Preterm Birth: Prevention](#)

[Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclampsia and adverse outcomes such as preterm birth. - GMI Summary](#)

Pubmed Data : Vaccine. 2011 Sep 20. Epub 2011 Sep 20. PMID: [21945263](#)

Article Published Date : Sep 20, 2011

Authors : Lisa M Christian, Jay D Iams, Kyle Porter, Ronald Glaser

Study Type : Human Study

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Diseases : [CRP : CK\(30\) : AC\(3\)](#), [Elevated CRP : CK\(72\) : AC\(8\)](#), [Pre-Eclampsia : CK\(309\) : AC\(33\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Pregnancy Complications : CK\(166\) : AC\(19\)](#), [Preterm Birth: Prevention : CK\(111\) : AC\(9\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Interleukin-6 up-regulation : CK\(14\) : AC\(3\)](#), [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

Topic: [Shingles](#)

[Increasing varicella vaccine coverage in Australia between 1998-2009 corresponds with increased levels of herpes zoster \(shingles\) cases managed in the same time period.](#) - GMI Summary

Pubmed Data : Med J Aust. 2010 Jul 19;193(2):110-3. PMID: [20642419](#)

Article Published Date : Jul 19, 2010

Authors : Mark R Nelson, Helena C Britt, Christopher M Harrison

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Shingles : CK\(521\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Chicken Pox \(Varicella\) Shingles \(Herpes Zoster\) Connection : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Stroke: Prevention](#)

[Influenza vaccination does not prevent ischemic stroke and it does not reduce the rate of acute previous infections in stroke patients.](#) - GMI Summary

Pubmed Data : Cerebrovasc Dis. 2008;26(4):339-47. Epub 2008 Aug 27. PMID: [18728360](#)

Article Published Date : Jan 01, 2008

Authors : G Piñol-Ripoll, I de la Puerta, S Santos, F Purroy, E Mostacero

Study Type : Human Study

Additional Links

Diseases : [Stroke: Prevention : CK\(143\) : AC\(20\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: [Syncope](#)

[Postlicensure safety surveillance has revealed a disproportionate reporting of syncope and venous thromboembolic events following quadrivalent HPV vaccination.](#) - GMI Summary

Pubmed Data : JAMA. 2009 Aug 19;302(7):750-7. PMID: [19690307](#)

Article Published Date : Aug 19, 2009

Authors : Barbara A Slade, Laura Leidel, Claudia Vellozzi, Emily Jane Woo, Wei Hua, Andrea Sutherland, Hector S Izurieta, Robert Ball, Nancy Miller, M Miles Braun, Lauri E Markowitz, John Iskander

Study Type : Human Study

Additional Links

Diseases : [Syncope : CK\(10\) : AC\(1\)](#), [Thromboembolism : CK\(205\) : AC\(19\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

Topic: [Thromboembolism](#)

[Postlicensure safety surveillance has revealed a disproportionate reporting of syncope and venous thromboembolic events following quadrivalent HPV](#)

vaccination. - GMI Summary

Pubmed Data : JAMA. 2009 Aug 19;302(7):750-7. PMID: [19690307](#)

Article Published Date : Aug 19, 2009

Authors : Barbara A Slade, Laura Leidel, Claudia Vellozzi, Emily Jane Woo, Wei Hua, Andrea Sutherland, Hector S Izurieta, Robert Ball, Nancy Miller, M Miles Braun, Lauri E Markowitz, John Iskander

Study Type : Human Study

Additional Links

Diseases : [Syncope](#) : [CK\(10\)](#) : [AC\(1\)](#), [Thromboembolism](#) : [CK\(205\)](#) : [AC\(19\)](#)

Anti Therapeutic Actions : [Vaccination: All](#) : [CK\(3874\)](#) : [AC\(302\)](#), [Vaccination: HPV \(Gardasil\)](#) : [CK\(105\)](#) : [AC\(13\)](#)

Topic: Ulcerative Colitis

Measles virus DNA from the MMR vaccine has been found in peripheral mononuclear cells in patients with ulcerative colitis and children with autism, indicating its possible role in the pathogenesis of these disorders. - GMI Summary

Pubmed Data : Dig Dis Sci. 2000 Apr;45(4):723-9. PMID: [10759242](#)

Article Published Date : Apr 01, 2000

Authors : H Kawashima, T Mori, Y Kashiwagi, K Takekuma, A Hoshika, A Wakefield

Study Type : Human Study

Additional Links

Diseases : [Autism Spectrum Disorders](#) : [CK\(1140\)](#) : [AC\(108\)](#), [Inflammatory Bowel Diseases](#) : [CK\(1227\)](#) : [AC\(103\)](#), [Ulcerative Colitis](#) : [CK\(429\)](#) : [AC\(39\)](#), [Vaccine-induced Toxicity](#) : [CK\(1130\)](#) : [AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All](#) : [CK\(3874\)](#) : [AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : [CK\(228\)](#) : [AC\(26\)](#)

Topic: Uveitis

Hepatitis B vaccine may have a possible association with the development of uveitis in some patients. - GMI Summary

Pubmed Data : Cutan Ocul Toxicol. 2010 Mar;29(1):26-9. PMID: [19947819](#)

Article Published Date : Mar 01, 2010

Authors : Frederick W Fraunfelder, Eric B Suhler, Frederick T Fraunfelder

Study Type : Human Study

Additional Links

Diseases : [Uveitis](#) : [CK\(63\)](#) : [AC\(10\)](#), [Vaccine-induced Toxicity](#) : [CK\(1130\)](#) : [AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All](#) : [CK\(3874\)](#) : [AC\(302\)](#), [Vaccination: Hepatitis B](#) : [CK\(347\)](#) : [AC\(48\)](#)

Topic: Viremia

Varicella vaccine has been associated with viremia and streptococcal toxic shock syndrome. - GMI Summary

Pubmed Data : Med J Aust. 2009 Apr 20;190(8):451-3. PMID: [19374621](#)

Article Published Date : Apr 20, 2009

Authors : Claire M Italiano, Cheryl S Toi, Simon P Chan, Dominic E Dwyer

Study Type : Human Study

Additional Links

Diseases : [Chickenpox](#) : [CK\(80\)](#) : [AC\(8\)](#), [Viremia](#) : [CK\(10\)](#) : [AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All](#) : [CK\(3874\)](#) : [AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\)](#) : [CK\(164\)](#) : [AC\(20\)](#)

Topic: Animal Diseases: Porcine Circovirus Type 2 (PCV2)

Experimental in utero inoculation of late-term swine fetuses with porcine circovirus type 2 results in a high rate of reproductive abnormalities, including mummification and stillbirth. - GMI Summary

Pubmed Data : J Vet Diagn Invest. 2002 Nov;14(6):507-12. PMID: [12423036](#)

Article Published Date : Nov 01, 2002

Authors : Charles S Johnson, Han S Joo, Kochakorn Direksin, Kyoung-Jin Yoon, Young K Choi

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Porcine circovirus type 2 (PCV2) vaccination of pregnant pigs may result in vertical transmission of PCV2 to the offspring. - GMI Summary

Pubmed Data : Clin Vaccine Immunol. 2009 Jun;16(6):830-4. Epub 2009 Apr 8. PMID: [19357312](#)

Article Published Date : Jun 01, 2009

Authors : D M Madson, A R Patterson, S Ramamoorthy, N Pal, X J Meng, T Opriessnig

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

The intranasal inoculation of pregnant sows with porcine circovirus 2 results in abortion and reproductive failure. - GMI Summary

Pubmed Data : J Nutr. 2009 Nov;139(11):2061-6. Epub 2009 Sep 23. PMID: [15737340](#)

Article Published Date : Nov 01, 2009

Authors : J-S Park, J Kim, Y Ha, K Jung, C Choi, J-K Lim, S-H Kim, C Chae

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Vaccine-induced immunity in pregnant pigs is not effective in preventing viremia in offspring. - GMI Summary

Pubmed Data : Theriogenology. 2009 Oct 1;72(6):747-54. Epub 2009 Jun 25. PMID: [19559470](#)

Article Published Date : Oct 01, 2009

Authors : D M Madson, A R Patterson, S Ramamoorthy, N Pal, X J Meng, T Opriessnig

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

PCV2 infection is now widespread worldwide, and increasing numbers of disease conditions have been linked to PCV2 infection in pigs. - GMI Summary

Pubmed Data : Virus Res. 2012 Mar ;164(1-2):1-3. Epub 2011 Dec 14. PMID: [22192532](#)

Article Published Date : Mar 01, 2012

Authors : Xiang-Jin Meng

Study Type : Review

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

Topic: [Chronic Fatigue Syndrome](#)

[Chronic fatigue syndrome may be associated with silicone implants and/or vaccinations.](#) - GMI Summary

Pubmed Data : Autoimmun Rev. 2008 Oct;8(1):52-5. Epub 2008 Aug 24. PMID: [18725327](#)

Article Published Date : Oct 01, 2008

Authors : Agmon-Levin Nancy, Yehuda Shoenfeld

Study Type : Human Study

Additional Links

Diseases : [Breast Augmentation Complications : CK\(32\) : AC\(4\)](#), [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Silicone Implant Toxicity : CK\(10\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Silicone Implants : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The pathogenic role of aluminium hydroxide is now recognized by the presence of chronic fatigue syndrome, macrophagic myofasciitis and subcutaneous pseudolymphoma, linked to intramuscular injection of aluminium hydroxide-containing vaccines.](#) - GMI Summary

Pubmed Data : J Trace Elem Med Biol. 2012 Mar 14. Epub 2012 Mar 14. PMID: [22425036](#)

Article Published Date : Mar 14, 2012

Authors : Olivier Guillard, Bernard Fauconneau, Alain Pineau, Annie Marraud, Jean-Pierre Bellocq, Marie-Pierre Chenard

Study Type : Human: Case Report, Review

Additional Links

Diseases : [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Pseudolymphoma : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

Adverse Pharmacological Actions : [Immunotoxic : CK\(230\) : AC\(38\)](#)

[The use of animal cells in the production of vaccines may cause infection by endogenous retroviruses associated with chronic fatigue and prostate cancer.](#) - GMI Summary

Pubmed Data : Biologicals. 2010 May;38(3):371-6. Epub 2010 Apr 8. PMID: [20378372](#)

Article Published Date : May 01, 2010

Authors : Takayuki Miyazawa

Study Type : Animal Study

Additional Links

Diseases : [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Prostate Cancer : CK\(998\) : AC\(288\)](#), [Retroviruses : CK\(2\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Aluminium-containing adjuvants in vaccines may be causing autoimmune conditions such as chronic fatigue syndrome and the inflammatory myopathy known as macrophagic myofasciitis.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2009 Feb;72(2):135-9. Epub 2008 Nov 11. PMID: [19004564](#)

Article Published Date : Feb 01, 2009

Authors : Christopher Exley, Louise Swarbrick, Rhomain K Gherardi, Francois-Jérôme Authier

Study Type : Commentary

Additional Links

Diseases : [Aluminum Toxicity : CK\(107\) : AC\(36\)](#), [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Myopathy: Inflammatory : CK\(1\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Guillain Barre Syndrome: Miller Fisher Variant

Influenza vaccination may increase the risk of Guillain-Barré Syndrome. - GMI Summary

Pubmed Data : Kidney Int. 2008 Dec;74(11):1461-7. Epub 2008 Sep 24. PMID: [18592444](#)

Article Published Date : Dec 01, 2008

Authors : C I Blanco-Marchite, L Buznego-Suárez, M A Fagúndez-Vargas, M Méndez-Llatas, P Pozo-Martos

Study Type : Human Study

Additional Links

Diseases : [Guillain Barre Syndrome: Miller Fisher Variant : CK\(13\) : AC\(2\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Influenza vaccination has been reported to cause miller fisher syndrome. - GMI Summary

Pubmed Data : Arch Neurol. 2011 Oct ;68(10):1327-9. PMID: [21987549](#)

Article Published Date : Oct 01, 2011

Authors : Ashkan Shoamanesh, Kristine Chapman, Anthony Traboulsee

Study Type : Human: Case Report

Additional Links

Diseases : [Guillain Barre Syndrome: Miller Fisher Variant : CK\(13\) : AC\(2\)](#), [Miller Fisher Syndrome : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: Tetanus

Adverse effects of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis vaccine in 6- to 7-year-old children. - GMI Summary

Pubmed Data : Pediatr Neonatol. 2011 Feb;52(1):38-41. Epub 2011 Feb 17. PMID: [21385656](#)

Article Published Date : Feb 01, 2011

Authors : Sung-Hsi Wei, Yen-Nan Chao, Song-En Huang, Tsuey-Feng Lee, Luan-Yin Chang

Study Type : Human Study

Additional Links

Diseases : [Tetanus : CK\(32\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

Severe tetanus has been reported in immunized patients with high anti-tetanus titers. - GMI Summary

Pubmed Data : Neurology. 1992 Apr ;42(4):761-4. PMID: [1565228](#)

Article Published Date : Apr 01, 1992

Authors : N E Crone, A T Reder

Study Type : Human: Case Report

Additional Links

Diseases : [Tetanus : CK\(32\) : AC\(5\)](#)

Additional Keywords : [Antibody Theory Of Vaccinology : CK\(35\) : AC\(5\)](#), [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Topic: Animal Diseases: Smithburn Rift Valley Fever

Pregnant cows vaccinated with live attenuated Smithburn Rift Valley virus had a high rate of abortions which were associated with elevations in IgG and IgM antibodies. - GMI Summary

Pubmed Data : J Med Virol. 2006 Jun;78(6):787-91. PMID: [16628582](#)

Article Published Date : Jun 01, 2006

Authors : Boulos Botros, Adel Omar, Khairat Elian, Gihan Mohamed, Atef Soliman, Adel Salib, Diaa Salman, Magdi Saad, Kenneth Earhart

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever : CK\(4\) : AC\(2\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Rift Valley fever vaccine in goats cause severe deleterious pathological changes in liver especially in kids and causing abortion in pregnant does. - GMI Summary

Pubmed Data : Virol J. 2009;6:94. Epub 2009 Jul 6. PMID: [19580675](#)

Article Published Date : Jan 01, 2009

Authors : Samia Ahmed Kamal

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever : CK\(4\) : AC\(2\)](#), [Rift Valley Fever : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Topic: Inflammatory Myopathy

Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: Smallpox

Smallpox vaccine caused iatrogenic vaccinia in children in Russia. - GMI Summary

Pubmed Data : Zh Mikrobiol Epidemiol Immunobiol. 2001 Mar-Apr(2):40-5. PMID: [11548257](#)

Article Published Date : Mar 01, 2001

Authors : G G Onishchenko, V I Markov, V N Ustiushin, S V Borisevich, G I Kuznetsova, S Ia Loginova, A

M Bereznoi, N T Vasil'ev, V A Maksimov, A A Makhlaï

Study Type : Human Study

Additional Links

Diseases : [Smallpox : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vaccinia virus : CK\(22\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Review: possible adverse effects that are associated with smallpox vaccination.](#) **- GMI Summary**

Pubmed Data : MMWR Recomm Rep. 2003 Feb 21;52(RR-4):1-28. PMID: [12617510](#)

Article Published Date : Feb 21, 2003

Authors : Joanne Cono, Christine G Casey, David M Bell,

Study Type : Review

Additional Links

Diseases : [Smallpox : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Topic: Anaphylaxis](#)

[Hepatitis B vaccination has been linked to anaphylactic shock and death in infants.](#) - GMI Summary

Pubmed Data : Adv Exp Med Biol. 1990;272:183-95. PMID: [20077677](#)

Article Published Date : Jan 01, 1990

Authors : Fu-Zhen Wang, Fu-Qiang Cui, Da-Wei Liu

Study Type : Human: Case Report

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.](#) - GMI Summary

Pubmed Data : JAMA. 1994 May 25;271(20):1602-5. PMID: [8182813](#)

Article Published Date : May 25, 1994

Authors : K R Stratton, C J Howe, R B Johnston

Study Type : Review

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Neuritis: Brachial Plexus : CK\(1\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Topic: Breast Augmentation Complications](#)

[Chronic fatigue syndrome may be associated with silicone implants and/or vaccinations.](#) - GMI Summary

Pubmed Data : Autoimmun Rev. 2008 Oct;8(1):52-5. Epub 2008 Aug 24. PMID: [18725327](#)

Article Published Date : Oct 01, 2008

Authors : Agmon-Levin Nancy, Yehuda Shoenfeld

Study Type : Human Study

Additional Links

Diseases : [Breast Augmentation Complications : CK\(32\) : AC\(4\)](#), [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Silicone Implant Toxicity : CK\(10\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Silicone Implants : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Cholera](#)

[killed cholera vaccination generates an inferior immune response in comparison to patients with naturally acquired cholera.](#) - GMI Summary

Pubmed Data : Clin Vaccine Immunol. 2011 May ;18(5):844-50. Epub 2011 Feb 23. PMID: [21346055](#)

Article Published Date : May 01, 2011

Authors : Mohammad Murshid Alam, M Asrafuzzaman Riyadh, Kaniz Fatema, Mohammad Arif Rahman, Nayeema Akhtar, Tanvir Ahmed, Mohiul Islam Chowdhury, Fahima Chowdhury, Stephen B Calderwood, Jason B Harris, Edward T Ryan, Firdausi Qadri

Study Type : Human Study

Additional Links

Diseases : [Cholera : CK\(27\) : AC\(17\)](#)

Additional Keywords : [Cholera : CK\(27\) : AC\(17\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Cholera : CK\(20\) : AC\(2\)](#)

Topic: [Dravet syndrome](#)

[Pertussis vaccination may activate a genetic predisposition for encephalopathy in susceptible individuals.](#) - GMI Summary

Pubmed Data : Cytotechnology. 2002 Nov;40(1-3):139-49. PMID: [20447868](#)

Article Published Date : Nov 01, 2002

Authors : Anne M McIntosh, Jacinta McMahon, Leanne M Dibbens, Xenia Iona, John C Mulley, Ingrid E Scheffer, Samuel F Berkovic

Study Type : Human Study

Additional Links

Diseases : [Dravet syndrome : CK\(30\) : AC\(3\)](#), [Encephalitis : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Topic: [Fever](#)

[Breastfeeding is associated with a decreased incidence of fever after immunizations.](#) - GMI Summary

Pubmed Data : Pediatrics. 2010 Jun;125(6):e1448-52. Epub 2010 May 17. PMID: [20478932](#)

Article Published Date : Jun 01, 2010

Authors : Alfredo Pisacane, Paola Continisio, Orsola Palma, Stefania Cataldo, Fabiola De Michele, Ugo Vairo

Study Type : Human Study

Additional Links

Substances : [Breast Milk : CK\(428\) : AC\(49\)](#)

Diseases : [Fever : CK\(77\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Therapeutic Actions : [Breastfeeding : CK\(708\) : AC\(67\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Hepatitis C](#)

[Hepatitis C prevalence in Southern Italy may be due to iatrogenic transmission through the Salk Polio vaccine 1956-1965.](#) - GMI Summary

Pubmed Data : J Med Virol. 2003 May;70(1):49-50. PMID: [12629643](#)

Article Published Date : May 01, 2003

Authors : Maurizio Montella, Anna Crispo, Maria Grimaldi, Vincenzo Tridente, Mario Fusco

Study Type : Human Study

Additional Links

Diseases : [Hepatitis C : CK\(403\) : AC\(62\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Infant Neurological Development

[Whole cell pertussis vaccines may have been causing serious neurological disorders.](#) - GMI Summary

Pubmed Data : Brain Dev. 2004 Aug;26(5):296-300. PMID: [15165669](#)

Article Published Date : Aug 01, 2004

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Infant Neurological Development : CK\(46\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Topic: Miscarriage

[The use of misoprostol for early pregnancy failure after failed expectant management is less costly than curettage.](#) - GMI Summary

Pubmed Data : Hum Reprod. 2005 Apr;20(4):1067-71. Epub 2004 Dec 23. PMID: [15618248](#)

Article Published Date : Apr 01, 2005

Authors : G C M Graziosi, J W van der Steeg, P H W Reuwer, A P Drogdrop, H W Bruinse, B W J Mol

Study Type : Human Study

Additional Links

Diseases : [Miscarriage : CK\(507\) : AC\(35\)](#), [Miscarriage: Medical Intervention : CK\(125\) : AC\(14\)](#)

Additional Keywords : [Surgical Alternatives : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Obstetric Interventions : CK\(989\) : AC\(64\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

Topic: Miscarriage: Medical Intervention

[The use of misoprostol for early pregnancy failure after failed expectant management is less costly than curettage.](#) - GMI Summary

Pubmed Data : Hum Reprod. 2005 Apr;20(4):1067-71. Epub 2004 Dec 23. PMID: [15618248](#)

Article Published Date : Apr 01, 2005

Authors : G C M Graziosi, J W van der Steeg, P H W Reuwer, A P Drogdrop, H W Bruinse, B W J Mol

Study Type : Human Study

Additional Links

Diseases : [Miscarriage : CK\(507\) : AC\(35\)](#), [Miscarriage: Medical Intervention : CK\(125\) : AC\(14\)](#)

Additional Keywords : [Surgical Alternatives : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Obstetric Interventions : CK\(989\) : AC\(64\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

Topic: Pregnancy: Flu

Influenza vaccination does not appear to be effective during pregnancy in preventing hospitalizations and outpatient visits for respiratory illness in pregnant women and their infants. - GMI Summary

Pubmed Data : Am J Perinatol. 2004 Aug;21(6):333-9. PMID: [15311370](#)

Article Published Date : Aug 01, 2004

Authors : Steven B Black, Henry R Shinefield, Eric K France, Bruce H Fireman, Sharon T Platt, David Shay,

Study Type : Human Study

Additional Links

Diseases : [Pregnancy: Flu : CK\(10\) : AC\(1\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Silicone Implant Toxicity

Chronic fatigue syndrome may be associated with silicone implants and/or vaccinations. - GMI Summary

Pubmed Data : Autoimmun Rev. 2008 Oct;8(1):52-5. Epub 2008 Aug 24. PMID: [18725327](#)

Article Published Date : Oct 01, 2008

Authors : Agmon-Levin Nancy, Yehuda Shoenfeld

Study Type : Human Study

Additional Links

Diseases : [Breast Augmentation Complications : CK\(32\) : AC\(4\)](#), [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Silicone Implant Toxicity : CK\(10\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Silicone Implants : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Tuberculosis

BCG revaccination may raise mortality in young children. - GMI Summary

Pubmed Data : BMJ. 2010;340:c671. Epub 2010 Mar 15. PMID: [20231251](#)

Article Published Date : Jan 01, 2010

Authors : Adam Edvin Roth, Christine Stabell Benn, Henrik Ravn, Amabelia Rodrigues, Ida Maria Lisse, Maria Yazdanbakhsh, Hilton Whittle, Peter Aaby

Study Type : Human Study

Additional Links

Diseases : [Childhood Infections : CK\(275\) : AC\(29\)](#), [Tuberculosis : CK\(255\) : AC\(44\)](#)

Anti Therapeutic Actions : [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#)

Topic: Vaccinia virus

Smallpox vaccine caused iatrogenic vaccinia in children in Russia. - GMI Summary

Pubmed Data : Zh Mikrobiol Epidemiol Immunobiol. 2001 Mar-Apr(2):40-5. PMID: [11548257](#)

Article Published Date : Mar 01, 2001

Authors : G G Onishchenko, V I Markov, V N Ustiushin, S V Borisevich, G I Kuznetsova, S Ia Loginova, A M Berezhnoĭ, N T Vasil'ev, V A Maksimov, A A Makhlaĭ

Study Type : Human Study

Additional Links

Diseases : [Smallpox : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vaccinia virus :](#)

[CK\(22\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

Topic: [Dermatomyositis](#)

[Hepatitis B vaccine associated with dermatomyositis has been reported.](#) - GMI Summary

Pubmed Data : Rheumatol Int. 2008 Apr;28(6):609-12. Epub 2007 Nov 23. PMID: [18034245](#)

Article Published Date : Apr 01, 2008

Authors : Arie Altman, Martine Szyper-Kravitz, Yehuda Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Dermatomyositis : CK\(44\) : AC\(10\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccines have a potential to occasionally trigger the onset of immune diseases in individuals with an underlying genetic or immunological susceptibility.](#) - GMI Summary

Pubmed Data : J Neurol Sci. 2010 May 15;292(1-2):1-4. Epub 2010 Mar 7. PMID: [20207367](#)

Article Published Date : May 15, 2010

Authors : Joerg-Patrick Stübgen

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Dermatomyositis : CK\(44\) : AC\(10\)](#), [Myasthenia Gravis : CK\(82\) : AC\(14\)](#), [Neuromuscular Diseases : CK\(16\) : AC\(4\)](#), [Neuropathies : CK\(450\) : AC\(67\)](#), [Polyarteritis Nodosa : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Acute Inflammatory Demyelinating Polyradiculoneuropathy](#)

[A case of lethal inflammatory polyradiculoneuropathy with spinal cord involvement after hepatitis B vaccination.](#) - GMI Summary

Pubmed Data : J Neurol Sci. 2001 May 1;186(1-2):81-5. PMID: [11412876](#)

Article Published Date : May 01, 2001

Authors : E Sindern, J M Schröder, M Krismann, J P Malin

Study Type : Human: Case Report

Additional Links

Diseases : [Acute Inflammatory Demyelinating Polyradiculoneuropathy : CK\(87\) : AC\(1\)](#), [Polyradiculoneuropathy: Acute Inflammatory : CK\(87\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Acute Posterior Multifocal Placoid Pigment Epitheliopathy \(APMPPE\)](#)

[Acute posterior multifocal placoid pigment epitheliopathy after hepatitis B vaccine has been reported.](#) - GMI Summary

Pubmed Data : Arch Ophthalmol. 1995 Mar;113(3):297-300. PMID: [7887843](#)

Article Published Date : Mar 01, 1995

Authors : A P Brézin, P Massin-Korobelnik, M Boudin, A Gaudric, P LeHoang

Study Type : Human: Case Report

Additional Links

Diseases : [Acute Posterior Multifocal Placoid Pigment Epitheliopathy \(APMPPE\) : CK\(3\) : AC\(1\)](#), [Chorioretinitis : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Aphthosis: Buccal](#)

[Cutaneous lupus erythematosus and buccal aphthosis after hepatitis B vaccination has been reported in a 6-year-old child](#) - GMI Summary

Pubmed Data : Ann Dermatol Venereol. 1996;123(10):657-9. PMID: [9615128](#)

Article Published Date : Jan 01, 1996

Authors : P Grézar, M Chefaï, V Philippot, H Perrot, M Faisant

Study Type : Human: Case Report

Additional Links

Diseases : [Aphthosis: Buccal : CK\(3\) : AC\(1\)](#), [Lupus Erythematosus: Cutaneous : CK\(17\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Bell's Palsy](#)

[Bell's palsy is a possible complication of hepatitis B vaccination in children.](#) - GMI Summary

Pubmed Data : J Health Popul Nutr. 2009 Oct;27(5):707-8. PMID: [19902808](#)

Article Published Date : Oct 01, 2009

Authors : Handan Alp, Hüseyin Tan, Zerrin Orbak

Study Type : Human: Case Report

Additional Links

Diseases : [Bell's Palsy : CK\(13\) : AC\(3\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Chorioretinitis](#)

[Acute posterior multifocal placoid pigment epitheliopathy after hepatitis B vaccine has been reported.](#) - GMI Summary

Pubmed Data : Arch Ophthalmol. 1995 Mar;113(3):297-300. PMID: [7887843](#)

Article Published Date : Mar 01, 1995

Authors : A P Brézin, P Massin-Korobelnik, M Boudin, A Gaudric, P LeHoang

Study Type : Human: Case Report

Additional Links

Diseases : [Acute Posterior Multifocal Placoid Pigment Epitheliopathy \(APMPPE\) : CK\(3\) : AC\(1\)](#), [Chorioretinitis : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Diabetes Mellitus: Type 1](#)

[Development of fulminant Type 1 diabetes with thrombocytopenia after influenza vaccination has been observed.](#) - GMI Summary

Pubmed Data : Diabet Med. 2011 Jul 22. Epub 2011 Jul 22. PMID: [21781156](#)

Article Published Date : Jul 22, 2011

Authors : H Yasuda, M Nagata, H Moriyama, H Kobayashi, T Akisaki, H Ueda, K Hara, K Yokono

Study Type : Human: Case Report

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Diabetes Mellitus: Type 1 : CK\(1107\) : AC\(218\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: [Epilepsy](#)

[A case of lethal status epilepticus and lymphocytic pneumonitis has been reported.](#) - GMI Summary

Pubmed Data : Eur J Intern Med. 2008 Jul;19(5):383-5. Epub 2007 Dec 4. PMID: [18549949](#)

Article Published Date : Jul 01, 2008

Authors : Jozélio Freire de Carvalho, Yehuda Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Epilepsy : CK\(128\) : AC\(27\)](#), [Pneumonitis : CK\(18\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Hydranencephaly](#)

[The vaccination of pregnant sheep resulted in abortions and hydranencephaly.](#) - GMI Summary

Pubmed Data : Int Immunopharmacol. 2005 Mar;5(3):555-69. PMID: [8825310](#)

Article Published Date : Mar 01, 2005

Authors : M Flanagan, S J Johnson

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Hydranencephaly : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Topic: [Lipoatrophy](#)

[Delayed focal lipoatrophy after AS03-adjuvanted influenza A \(H1N1\) 2009 vaccine has been reported.](#) - GMI Summary

Pubmed Data : Vaccine. 2010 Dec 17. Epub 2010 Dec 17. PMID: [21172376](#)

Article Published Date : Dec 17, 2010

Authors : Emilie Javelle, Benjamin Soulier, Christian Brosset, Solène Lorcy, Fabrice Simon

Study Type : Human: Case Report

Additional Links

Diseases : [Lipoatrophy : CK\(3\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: [Lupus Erythematosus: Cutaneous](#)

[Cutaneous lupus erythematosus and buccal aphthosis after hepatitis B](#)

[vaccination has been reported in a 6-year-old child](#)] - GMI Summary

Pubmed Data : Ann Dermatol Venereol. 1996;123(10):657-9. PMID: [9615128](#)

Article Published Date : Jan 01, 1996

Authors : P Grézard, M Chefai, V Philippot, H Perrot, M Faisant

Study Type : Human: Case Report

Additional Links

Diseases : [Aphthosis: Buccal](#) : CK(3) : AC(1), [Lupus Erythematosus: Cutaneous](#) : CK(17) : AC(4)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

Topic: [Miller Fisher Syndrome](#)

[Influenza vaccination has been reported to cause miller fisher syndrome.](#) - GMI Summary

Pubmed Data : Arch Neurol. 2011 Oct ;68(10):1327-9. PMID: [21987549](#)

Article Published Date : Oct 01, 2011

Authors : Ashkan Shoamanesh, Kristine Chapman, Anthony Traboulsee

Study Type : Human: Case Report

Additional Links

Diseases : [Guillain Barre Syndrome: Miller Fisher Variant](#) : CK(13) : AC(2), [Miller Fisher Syndrome](#) : CK(3) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

Topic: [Pneumonitis](#)

[A case of lethal status epilepticus and lymphocytic pneumonitis has been reported.](#) - GMI Summary

Pubmed Data : Eur J Intern Med. 2008 Jul;19(5):383-5. Epub 2007 Dec 4. PMID: [18549949](#)

Article Published Date : Jul 01, 2008

Authors : Jozélio Freire de Carvalho, Yehuda Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Epilepsy](#) : CK(128) : AC(27), [Pneumonitis](#) : CK(18) : AC(4)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

Topic: [Polyradiculoneuropathy: Acute Inflammatory](#)

[A case of lethal inflammatory polyradiculoneuropathy with spinal cord involvement after hepatitis B vaccination.](#) - GMI Summary

Pubmed Data : J Neurol Sci. 2001 May 1;186(1-2):81-5. PMID: [11412876](#)

Article Published Date : May 01, 2001

Authors : E Sindern, J M Schröder, M Krismann, J P Malin

Study Type : Human: Case Report

Additional Links

Diseases : [Acute Inflammatory Demyelinating Polyradiculoneuropathy](#) : CK(87) : AC(1), [Polyradiculoneuropathy: Acute Inflammatory](#) : CK(87) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

Topic: [Rhabdomyolysis](#)

[Influenza vaccine has been reported to be a possible trigger of rhabdomyolysis induced acute renal failure in those taking statin drugs.](#) - GMI Summary

Pubmed Data : Nephrol Dial Transplant. 2000 May ;15(5):740-1. PMID: [10809833](#)

Article Published Date : May 01, 2000

Authors : E Plotkin, J Bernheim, S Ben-Chetrit, A Mor, Z Korzets

Study Type : Human: Case Report

Additional Links

Diseases : [Rhabdomyolysis](#) : CK(165) : AC(38), [Statin-Induced Pathologies](#) : CK(1570) : AC(315)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

Problem Substances : [Statin Drugs](#) : CK(3969) : AC(465)

Adverse Pharmacological Actions : [Myotoxicity](#) : CK(317) : AC(79)

[Topic: Rift Valley Fever](#)

[Rift Valley fever vaccine in goats cause severe deleterious pathological changes in liver especially in kids and causing abortion in pregnant does.](#) - GMI Summary

Pubmed Data : Virol J. 2009;6:94. Epub 2009 Jul 6. PMID: [19580675](#)

Article Published Date : Jan 01, 2009

Authors : Samia Ahmed Kamal

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous](#) : CK(204) : AC(29), [Animal Diseases: Smithburn Rift Valley Fever](#) : CK(4) : AC(2), [Rift Valley Fever](#) : CK(2) : AC(1), [Vaccination: Abortion](#) : CK(40) : AC(14), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Animal Model](#) : CK(39) : AC(16)

[Topic: Statin-Induced Pathologies](#)

[Influenza vaccine has been reported to be a possible trigger of rhabdomyolysis induced acute renal failure in those taking statin drugs.](#) - GMI Summary

Pubmed Data : Nephrol Dial Transplant. 2000 May ;15(5):740-1. PMID: [10809833](#)

Article Published Date : May 01, 2000

Authors : E Plotkin, J Bernheim, S Ben-Chetrit, A Mor, Z Korzets

Study Type : Human: Case Report

Additional Links

Diseases : [Rhabdomyolysis](#) : CK(165) : AC(38), [Statin-Induced Pathologies](#) : CK(1570) : AC(315)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

Problem Substances : [Statin Drugs](#) : CK(3969) : AC(465)

Adverse Pharmacological Actions : [Myotoxicity](#) : CK(317) : AC(79)

[Topic: Simian virus 40 \(SV40\)](#)

[Some oral poliovirus vaccines were contaminated with infectious SV40 after 1961.](#) - GMI Summary

Pubmed Data : Cancer Res. 2005 Nov 15 ;65(22):10273-9. PMID: [16288015](#)

Article Published Date : Nov 15, 2005

Authors : Rochelle Cutrone, John Lednicky, Glynis Dunn, Paola Rizzo, Maurizio Bocchetta, Konstantin Chumakov, Philip Minor, Michele Carbone

Study Type : Human In Vitro

Additional Links

Diseases : [Simian virus 40 \(SV40\)](#) : CK(7) : AC(5)
Additional Keywords : [Vaccine Contamination](#) : CK(5) : AC(1)
Anti Therapeutic Actions : [Vaccination: Polio](#) : CK(94) : AC(15)
Problem Substances : [Simian virus 40 \(SV40\)](#) : CK(84) : AC(16)

Topic: [Acute Flaccid Paralysis](#)

[Differential diagnosis of acute flaccid paralysis and its role in poliomyelitis surveillance.](#) - GMI Summary

Pubmed Data : Epidemiol Rev. 2000 ;22(2):298-316. PMID: [11218380](#)

Article Published Date : Jan 01, 2000

Authors : A Marx, J D Glass, R W Sutter

Study Type : Review

Additional Links

Diseases : [Acute Flaccid Paralysis](#) : CK(3) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Polio](#) : CK(94) : AC(15)

[Over 40,000 cases of AFP are reported annually since 2007 regardless of the number of actual polio cases.](#) - GMI Summary

Pubmed Data : BMC Public Health. 2012 ;12:229. Epub 2012 Mar 22. PMID: [22439606](#)

Article Published Date : Jan 01, 2012

Authors : Rie R Yotsu, Katharine Abba, Helen Smith, Abhijit Das

Study Type : Review

Additional Links

Diseases : [Acute Flaccid Paralysis](#) : CK(3) : AC(1), [Non-polio acute flaccid paralysis \(NPAFP\)](#) : CK(12) : AC(1), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Polio](#) : CK(94) : AC(15)

Topic: [Amygdala: Damage/Abnormalities](#)

[Maturational changes in amygdala volume and the binding capacity of an opioid antagonist in the amygdala was significantly altered in infant macaques receiving the vaccine schedule.](#) - GMI Summary

Pubmed Data : Acta Neurobiol Exp (Wars). 2010 ;70(2):147-64. PMID: [20628439](#)

Article Published Date : Dec 31, 2009

Authors : Laura Hewitson, Brian J Lopresti, Carol Stott, N Scott Mason, Jaime Tomko

Study Type : Animal Study

Additional Links

Diseases : [Amygdala: Damage/Abnormalities](#) : CK(10) : AC(1), [Neurodevelopmental Disorders](#) : CK(163) : AC(13), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Animal Model](#) : CK(39) : AC(16)

Problem Substances : [Thimerosal](#) : CK(216) : AC(23)

Topic: [Animal Diseases: Scrapie](#)

[Vaccine-induced scrapie has been reported in animals.](#) - GMI Summary

Pubmed Data : J Gen Virol. 2003 Apr;84(Pt 4):1047-52. PMID: [12655108](#)

Article Published Date : Apr 01, 2003

Authors : Gianluigi Zanusso, Cristina Casalone, Pierluigi Acutis, Elena Bozzetta, Alessia Farinazzo, Matteo Gelati, Michele Fiorini, Gianluigi Forloni, Man Sun Sy, Salvatore Monaco, Maria Caramelli

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Animal Diseases: Scrapie : CK\(4\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Topic: [Animal Diseases: Simian Immunodeficiency Virus \(SIV\)](#)

[Vaccine-induced, simian immunodeficiency virus-specific CD8+ T cells reduce virus replication but do not protect from simian immunodeficiency virus disease progression.](#) - GMI Summary

Pubmed Data : J Immunol. 2009 Jul 1;183(1):706-17. PMID: [19542473](#)

Article Published Date : Jul 01, 2009

Authors : Jessica C Engram, Richard M Dunham, George Makedonas, Thomas H Vanderford, Beth Sumpter, Nichole R Klatt, Sarah J Ratcliffe, Seema Garg, Mirko Paiardini, Monica McQuoid, John D Altman, Silvija I Staprans, Michael R Betts, David A Garber, Mark B Feinberg, Guido Silvestri

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Simian Immunodeficiency Virus \(SIV\) : CK\(2\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Topic: [Infertility](#)

[There is evidence that a DNA vaccine exhibits anti-fertility properties.](#) - GMI Summary

Pubmed Data : Vaccine. 2011 Jul 12 ;29(31):4933-9. Epub 2011 May 17. PMID: [21596079](#)

Article Published Date : Jul 12, 2011

Authors : Meng-Fei Yu, Wen-Ning Fang, Gao-Feng Xiong, Ying Yang, Jing-Pian Peng

Study Type : Animal Study

Additional Links

Diseases : [Infertility : CK\(455\) : AC\(94\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Plasmid DNA Vaccines : CK\(3\) : AC\(2\)](#)

Topic: [Liver Damage](#)

[Hepatitis B vaccine induces cell death in liver cells and mouse liver.](#) - GMI Summary

Pubmed Data : Apoptosis. 2012 Jan 17. Epub 2012 Jan 17. PMID: [22249285](#)

Article Published Date : Jan 17, 2012

Authors : Heyam Hamza, Jianhua Cao, Xinyun Li, Changchun Li, Mengjin Zhu, Shuhong Zhao

Study Type : Animal Study

Additional Links

Diseases : [Liver Damage : CK\(597\) : AC\(213\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

Adverse Pharmacological Actions : [Hepatotoxic : CK\(283\) : AC\(80\)](#)

Topic: [Neuritis: Brachial Plexus](#)

[The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.](#) - GMI Summary

Pubmed Data : JAMA. 1994 May 25;271(20):1602-5. PMID: [8182813](#)

Article Published Date : May 25, 1994

Authors : K R Stratton, C J Howe, R B Johnston

Study Type : Review

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Neuritis: Brachial Plexus : CK\(1\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Topic: [Neurodevelopmental Disorders](#)

[Maturational changes in amygdala volume and the binding capacity of an opioid antagonist in the amygdala was significantly altered in infant macaques receiving the vaccine schedule.](#) - GMI Summary

Pubmed Data : Acta Neurobiol Exp (Wars). 2010 ;70(2):147-64. PMID: [20628439](#)

Article Published Date : Dec 31, 2009

Authors : Laura Hewitson, Brian J Lopresti, Carol Stott, N Scott Mason, Jaime Tomko

Study Type : Animal Study

Additional Links

Diseases : [Amygdala: Damage/Abnormalities : CK\(10\) : AC\(1\)](#), [Neurodevelopmental Disorders : CK\(163\) : AC\(13\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Problem Substances : [Thimerosal : CK\(216\) : AC\(23\)](#)

Topic: [Incontinentia Pigmenti](#)

[Vaccination as a probable cause of incontinentia pigmenti reactivation has been reported.](#) - GMI Summary

Pubmed Data : Pediatr Dermatol. 2010 Jan-Feb;27(1):62-4. PMID: [20199413](#)

Article Published Date : Jan 01, 2010

Authors : Ali Alikhan, Andrew D Lee, Donald Swing, Christie Carroll, Gil Yosipovitch

Study Type : Human: Case Report

Additional Links

Diseases : [Incontinentia Pigmenti : CK\(3\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Leukemia Cutis](#)

[A case of Leukemia Cutis arising at the site of injection of a Tetanus Booster has been reported.](#) - GMI Summary

Pubmed Data : Actas Dermosifiliogr. 2010 Oct;101(8):727-9. PMID: [20965018](#)

Article Published Date : Oct 01, 2010

Authors : R M Guinovart, J M Carrascosa, C Ferrándiz

Study Type : Human: Case Report

Additional Links

Diseases : [Leukemia Cutis : CK\(3\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Topic: [Morphea profunda](#)

[Deep morphea after vaccination in two young children has been reported.](#) - GMI Summary

Pubmed Data : Pediatr Dermatol. 2006 Sep-Oct;23(5):484-7. PMID: [17014648](#)

Article Published Date : Sep 01, 2006

Authors : Antonio Torrelo, José Suárez, Isabel Colmenero, Daniel Azorín, Antonio Perera, Antonio Zambrano

Study Type : Human: Case Report

Additional Links

Diseases : [Morphea profunda](#) : CK(3) : AC(1), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Topic: [Pseudolymphoma](#)

[The pathogenic role of aluminium hydroxide is now recognized by the presence of chronic fatigue syndrome, macrophagic myofasciitis and subcutaneous pseudolymphoma, linked to intramuscular injection of aluminium hydroxide-containing vaccines.](#) - GMI Summary

Pubmed Data : J Trace Elem Med Biol. 2012 Mar 14. Epub 2012 Mar 14. PMID: [22425036](#)

Article Published Date : Mar 14, 2012

Authors : Olivier Guillard, Bernard Fauconneau, Alain Pineau, Annie Marraud, Jean-Pierre Bellocq, Marie-Pierre Chenard

Study Type : Human: Case Report, Review

Additional Links

Diseases : [Chronic Fatigue Syndrome](#) : CK(397) : AC(28), [Macrophagic myofasciitis](#) : CK(15) : AC(3), [Pseudolymphoma](#) : CK(3) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Problem Substances : [Aluminum Hydroxide](#) : CK(56) : AC(14), [Vaccine Adjuvants](#) : CK(383) : AC(77)

Adverse Pharmacological Actions : [Immunotoxic](#) : CK(230) : AC(38)

Topic: [Psychiatric Disorders](#)

[The psychic reactions following injections of bacterial vaccines.](#) - GMI Summary

Pubmed Data : Int Arch Allergy Appl Immunol. 1950 ;1(3):226-43. PMID: [14794265](#)

Authors : J ILAVSKY

Study Type : Human: Case Report

Additional Links

Diseases : [Psychiatric Disorders](#) : CK(71) : AC(10), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Topic: [Retroviruses](#)

[The use of animal cells in the production of vaccines may cause infection by endogenous retroviruses associated with chronic fatigue and prostate cancer.](#) - GMI Summary

Pubmed Data : Biologicals. 2010 May;38(3):371-6. Epub 2010 Apr 8. PMID: [20378372](#)

Article Published Date : May 01, 2010

Authors : Takayuki Miyazawa

Study Type : Animal Study

Additional Links

Diseases : [Chronic Fatigue Syndrome](#) : CK(397) : AC(28), [Prostate Cancer](#) : CK(998) : AC(288), [Retroviruses](#) : CK(2) : AC(1), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Vaccines produced in chick embryo cells had significant reverse transcriptase activity. - GMI Summary

Pubmed Data : J Clin Virol. 1998 Jul 24 ;11(1):19-28. PMID: [9784140](#)

Article Published Date : Jul 23, 1998

Authors : T Maudru, K W Peden

Study Type : In Vitro Study

Additional Links

Diseases : [Retroviruses : CK\(2\) : AC\(1\)](#)

Additional Keywords : [Endogenous Retroviruses : CK\(31\) : AC\(12\)](#), [Live Attenuated Vaccines : CK\(2\) : AC\(2\)](#), [Retroviruses : CK\(7\) : AC\(7\)](#), [Vaccine Contamination : CK\(5\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Shoulder Injuries

Case report: a shoulder injury related to vaccine administration. - GMI Summary

Pubmed Data : J Am Board Fam Med. 2012 Nov ;25(6):919-22. PMID: [23136333](#)

Article Published Date : Oct 31, 2012

Authors : Matthew G Barnes, Christopher Ledford, Karen Hogan

Study Type : Human: Case Report

Additional Links

Diseases : [Shoulder Injuries : CK\(23\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: Aluminum Toxicity

"Mechanisms of aluminum adjuvant toxicity and autoimmunity in pediatric populations." - GMI Summary

Pubmed Data : Lupus. 2012 ;21(2):223-30. PMID: [22235057](#)

Article Published Date : Jan 01, 2012

Authors : L Tomljenovic, Ca Shaw

Study Type : Review

Additional Links

Diseases : [Aluminum Toxicity : CK\(107\) : AC\(36\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum : CK\(154\) : AC\(41\)](#), [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

Aluminium-containing adjuvants in vaccines may be causing autoimmune conditions such as chronic fatigue syndrome and the inflammatory myopathy known as macrophagic myofasciitis. - GMI Summary

Pubmed Data : Med Hypotheses. 2009 Feb;72(2):135-9. Epub 2008 Nov 11. PMID: [19004564](#)

Article Published Date : Feb 01, 2009

Authors : Christopher Exley, Louise Swarbrick, Rhomain K Gherardi, Francois-Jérôme Authier

Study Type : Commentary

Additional Links

Diseases : [Aluminum Toxicity : CK\(107\) : AC\(36\)](#), [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Myopathy: Inflammatory : CK\(1\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Epstein-Barr Virus Infections

The hepatitis B vaccine may induce autoimmune demyelinating disease through the molecular mimicry that exists between the vaccine antigen, Epstein-Barr virus and human myelin. - GMI Summary

Pubmed Data : Med Hypotheses. 2008;70(2):346-8. Epub 2007 Jul 13. PMID: [17630224](#)

Article Published Date : Jan 01, 2008

Authors : Burton A Waisbren

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Epstein-Barr Virus Infections : CK\(100\) : AC\(43\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: Myasthenia Gravis

Hepatitis B vaccines have a potential to occasionally trigger the onset of immune diseases in individuals with an underlying genetic or immunological susceptibility. - GMI Summary

Pubmed Data : J Neurol Sci. 2010 May 15;292(1-2):1-4. Epub 2010 Mar 7. PMID: [20207367](#)

Article Published Date : May 15, 2010

Authors : Joerg-Patrick Stübgen

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Dermatomyositis : CK\(44\) : AC\(10\)](#), [Myasthenia Gravis : CK\(82\) : AC\(14\)](#), [Neuromuscular Diseases : CK\(16\) : AC\(4\)](#), [Neuropathies : CK\(450\) : AC\(67\)](#), [Polyarteritis Nodosa : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: Neuromuscular Diseases

Hepatitis B vaccines have a potential to occasionally trigger the onset of immune diseases in individuals with an underlying genetic or immunological susceptibility. - GMI Summary

Pubmed Data : J Neurol Sci. 2010 May 15;292(1-2):1-4. Epub 2010 Mar 7. PMID: [20207367](#)

Article Published Date : May 15, 2010

Authors : Joerg-Patrick Stübgen

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Dermatomyositis : CK\(44\) : AC\(10\)](#), [Myasthenia Gravis : CK\(82\) : AC\(14\)](#), [Neuromuscular Diseases : CK\(16\) : AC\(4\)](#), [Neuropathies : CK\(450\) : AC\(67\)](#), [Polyarteritis Nodosa : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: Neuropathies

Hepatitis B vaccines have a potential to occasionally trigger the onset of immune diseases in individuals with an underlying genetic or immunological susceptibility. - GMI Summary

Pubmed Data : J Neurol Sci. 2010 May 15;292(1-2):1-4. Epub 2010 Mar 7. PMID: [20207367](#)

Article Published Date : May 15, 2010

Authors : Joerg-Patrick Stübgen

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Dermatomyositis : CK\(44\) : AC\(10\)](#), [Myasthenia Gravis : CK\(82\) : AC\(14\)](#), [Neuromuscular Diseases : CK\(16\) : AC\(4\)](#), [Neuropathies : CK\(450\) : AC\(67\)](#), [Polyarteritis Nodosa : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Oxidative Stress](#)

[Coriandrum sativum has antioxidant activity.](#) - GMI Summary

Pubmed Data : J Nutr Biochem. 2009 Nov;20(11):901-8. Epub 2008 Nov 6. PMID: [10549163](#)

Article Published Date : Nov 01, 2009

Authors : V Chithra, S Leelamma

Study Type : Animal Study

Additional Links

Substances : [Coriandrum sativum : CK\(53\) : AC\(27\)](#)

Diseases : [Oxidative Stress : CK\(1975\) : AC\(710\)](#)

Pharmacological Actions : [Antioxidants : CK\(3723\) : AC\(1318\)](#)

Anti Therapeutic Actions : [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Topic: [Peripheral Neuropathies](#)

[Influenza vaccines may induce hepatitis-B virus-related vasculitis and severe neuropathy.](#) - GMI Summary

Pubmed Data : J Cardiovasc Pharmacol. 2003 Sep;42(3):329-38. PMID: [18579284](#)

Article Published Date : Sep 01, 2003

Authors : Yuko Wada, Chie Yanagihara, Yo Nishimura, Nobuyuki Oka

Study Type : Commentary

Additional Links

Diseases : [Peripheral Neuropathies : CK\(394\) : AC\(31\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Topic: [Polyarteritis Nodosa](#)

[Hepatitis B vaccines have a potential to occasionally trigger the onset of immune diseases in individuals with an underlying genetic or immunological susceptibility.](#) - GMI Summary

Pubmed Data : J Neurol Sci. 2010 May 15;292(1-2):1-4. Epub 2010 Mar 7. PMID: [20207367](#)

Article Published Date : May 15, 2010

Authors : Joerg-Patrick Stübgen

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Dermatomyositis : CK\(44\) : AC\(10\)](#), [Myasthenia Gravis : CK\(82\) : AC\(14\)](#), [Neuromuscular Diseases : CK\(16\) : AC\(4\)](#), [Neuropathies : CK\(450\) : AC\(67\)](#), [Polyarteritis Nodosa : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Topic: [Prostate Cancer](#)

[The use of animal cells in the production of vaccines may cause infection by endogenous retroviruses associated with chronic fatigue and prostate cancer.](#) - GMI Summary

GMI Summary

Pubmed Data : Biologicals. 2010 May;38(3):371-6. Epub 2010 Apr 8. PMID: [20378372](#)

Article Published Date : May 01, 2010

Authors : Takayuki Miyazawa

Study Type : Animal Study

Additional Links

Diseases : [Chronic Fatigue Syndrome](#) : CK(397) : AC(28), [Prostate Cancer](#) : CK(998) : AC(288),

[Retroviruses](#) : CK(2) : AC(1), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Topic: [Sarcoma](#)

[Feline injection site-associated sarcoma is a serious problem associated with malignancy.](#) - GMI Summary

Pubmed Data : Vet Microbiol. 2006 Oct 5;117(1):59-65. PMID: [16769184](#)

Article Published Date : Oct 05, 2006

Authors : Jolle Kirpensteijn

Study Type : Review

Additional Links

Diseases : [Sarcoma](#) : CK(36) : AC(21), [Tumors](#) : CK(199) : AC(110), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Animal Model](#) : CK(39) : AC(16)

Topic: [Tumors](#)

[Feline injection site-associated sarcoma is a serious problem associated with malignancy.](#) - GMI Summary

Pubmed Data : Vet Microbiol. 2006 Oct 5;117(1):59-65. PMID: [16769184](#)

Article Published Date : Oct 05, 2006

Authors : Jolle Kirpensteijn

Study Type : Review

Additional Links

Diseases : [Sarcoma](#) : CK(36) : AC(21), [Tumors](#) : CK(199) : AC(110), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Animal Model](#) : CK(39) : AC(16)

Topic: [Urinary Tract Infections](#)

[DTP vaccination may contribute to urinary tract disease and sudden infant death syndrome.](#) - GMI Summary

Pubmed Data : Reprod Biomed Online. 2010 Jul;21(1):100-8. Epub 2010 Mar 30. PMID: [15356430](#)

Article Published Date : Jul 01, 2010

Authors : Joseph Prandota

Study Type : Commentary

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Urinary Tract Infections](#) : CK(338) : AC(47), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

Topic: Attention Deficit Disorder

Vaccines and flu shots containing mercury may contribute to severe neurological diseases and/or death in children. - GMI Summary

Pubmed Data : J Pediatr. 2009 Apr;154(4):514-520.e4. Epub 2008 Dec 3. PMID: [19205900](#)

Article Published Date : Apr 01, 2009

Authors : Donald A Drum

Study Type : Commentary

Additional Links

Diseases : [Attention Deficit Disorder : CK\(134\) : AC\(12\)](#), [Attention Deficit Disorder with Hyperactivity : CK\(240\) : AC\(30\)](#), [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Child Mortality : CK\(64\) : AC\(8\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Mental Retardation : CK\(71\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Attention Deficit Disorder with Hyperactivity

Vaccines and flu shots containing mercury may contribute to severe neurological diseases and/or death in children. - GMI Summary

Pubmed Data : J Pediatr. 2009 Apr;154(4):514-520.e4. Epub 2008 Dec 3. PMID: [19205900](#)

Article Published Date : Apr 01, 2009

Authors : Donald A Drum

Study Type : Commentary

Additional Links

Diseases : [Attention Deficit Disorder : CK\(134\) : AC\(12\)](#), [Attention Deficit Disorder with Hyperactivity : CK\(240\) : AC\(30\)](#), [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Child Mortality : CK\(64\) : AC\(8\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Mental Retardation : CK\(71\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Brain Inflammation

"Adverse events associated with 17D-derived yellow fever vaccination--United States, 2001-2002." - GMI Summary

Pubmed Data : MMWR Morb Mortal Wkly Rep. 2002 Nov 8 ;51(44):989-93. PMID: [12455906](#)

Article Published Date : Nov 08, 2002

Study Type : Review

Additional Links

Diseases : [Brain Inflammation : CK\(79\) : AC\(35\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Yellow Fever : CK\(13\) : AC\(2\)](#)

Topic: Encephalomyelitis

Acute disseminated encephalomyelitis (ADEM) may be caused by vaccination. - GMI Summary

Pubmed Data : J Clin Neurosci. 2008 Dec;15(12):1315-22. Epub 2008 Oct 30. PMID: [18976924](#)

Article Published Date : Dec 01, 2008

Authors : William Huynh, Dennis J Cordato, Elias Kehdi, Lynette T Masters, Chris Dedousis

Study Type : Commentary

Additional Links

Diseases : [Demyelinating Diseases](#) : CK(1278) : AC(250), [Encephalomyelitis](#) : CK(12) : AC(7), [Neuromyelitis Optica](#) : CK(4) : AC(2), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Topic: [Encephalopathies](#)

[The use of post-mortem tissues in the production of biologicals, vaccines and feedstuffs may be contributing to transmissible encephalopathies.](#) - GMI

Summary

Pubmed Data : Dev Biol Stand. 1996;88:237-41. PMID: [9119144](#)

Article Published Date : Jan 01, 1996

Authors : M M Robinson

Study Type : Review

Additional Links

Diseases : [Encephalopathies](#) : CK(11) : AC(5)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Topic: [Excitotoxicity](#)

[Autism spectrum disorders are associated with vaccination, heavy metal toxicity and excitotoxicity.](#) - GMI Summary

Pubmed Data : Altern Ther Health Med. 2008 Nov-Dec;14(6):46-53. PMID: [19043938](#)

Article Published Date : Nov 01, 2008

Authors : Russell L Blaylock

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders](#) : CK(1140) : AC(108), [Excitotoxicity](#) : CK(56) : AC(33), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Topic: [Immune Disorders: B-Cell Over-Activity](#)

[Adjuvants in vaccines may trigger innate cells response by toll-like receptors, thus eliciting a possible non-IgE mediated allergy phenomenon or causing B-cell activation and autoimmunity.](#) - GMI Summary

Pubmed Data : Hum Vaccin. 2011 Aug 1 ;7(8). Epub 2011 Aug 1. PMID: [21785282](#)

Article Published Date : Aug 01, 2011

Authors : Salvatore Chirumbolo

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Hypersensitivity](#) : CK(64) : AC(15), [Immune Disorders: B-Cell Over-Activity](#) : CK(2) : AC(2), [Immune Dysregulation: TH1/TH2 imbalance](#) : CK(146) : AC(36), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Problem Substances : [Adjuvant](#) : CK(18) : AC(6)

Topic: [Infertility: Female](#)

[Tetanus vaccine given to Phillipino women of reproductive age may have been designed to induce an anti-fertility action.](#) - GMI Summary

Pubmed Data : Vaccine Wkly. 1995 May 29 - Jun 5:9-10. PMID: [12346214](#)

Article Published Date : May 29, 1995

Authors : [No authors listed]

Study Type : Commentary

Additional Links

Diseases : [Infertility: Female : CK\(182\) : AC\(33\)](#)

Additional Keywords : [Population Control : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Topic: [Mental Retardation](#)

[Vaccines and flu shots containing mercury may contribute to severe neurological diseases and/or death in children.](#) - GMI Summary

Pubmed Data : J Pediatr. 2009 Apr;154(4):514-520.e4. Epub 2008 Dec 3. PMID: [19205900](#)

Article Published Date : Apr 01, 2009

Authors : Donald A Drum

Study Type : Commentary

Additional Links

Diseases : [Attention Deficit Disorder : CK\(134\) : AC\(12\)](#), [Attention Deficit Disorder with Hyperactivity : CK\(240\) : AC\(30\)](#), [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Child Mortality : CK\(64\) : AC\(8\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Mental Retardation : CK\(71\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Mitochondrial Diseases](#)

[The epidemic of autism may be linked to both vaccinations and mitochondrial diseases.](#) - GMI Summary

Pubmed Data : Clin Exp Pharmacol Physiol. 2004 Dec;31 Suppl 2:S51-3 PMID: [19043939](#)

Article Published Date : Dec 01, 2004

Authors : Stephanie F Cave

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Mitochondrial Diseases : CK\(149\) : AC\(50\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Diseases that are Linked : CK\(2122\) : AC\(270\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Mycoplasma Infections](#)

[Mycoplasma testing of cell substrates and biologics is often not performed due to the long turn around.](#) - GMI Summary

Pubmed Data : Mol Cell Probes. 2011 Apr-Jun;25(2-3):69-77. Epub 2011 Jan 11. PMID: [21232597](#)

Article Published Date : Apr 01, 2011

Authors : Dmitriy V Volokhov, Laurie J Graham, Kurt A Brorson, Vladimir E Chizhikov

Study Type : Review

Additional Links

Diseases : [Mycoplasma Infections : CK\(2\) : AC\(2\)](#)

Additional Keywords : [Mycoplasma Infections : CK\(2\) : AC\(2\)](#), [Vaccine Safety : CK\(21\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Myopathy: Inflammatory](#)

Aluminium-containing adjuvants in vaccines may be causing autoimmune conditions such as chronic fatigue syndrome and the inflammatory myopathy known as macrophagic myofasciitis. - GMI Summary

Pubmed Data : Med Hypotheses. 2009 Feb;72(2):135-9. Epub 2008 Nov 11. PMID: [19004564](#)

Article Published Date : Feb 01, 2009

Authors : Christopher Exley, Louise Swarbrick, Rhomain K Gherardi, Francois-Jérôme Authier

Study Type : Commentary

Additional Links

Diseases : [Aluminum Toxicity : CK\(107\) : AC\(36\)](#), [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#),

[Myopathy: Inflammatory : CK\(1\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Neuromyelitis Optica

Acute disseminated encephalomyelitis (ADEM) may be caused by vaccination. - GMI Summary

Pubmed Data : J Clin Neurosci. 2008 Dec;15(12):1315-22. Epub 2008 Oct 30. PMID: [18976924](#)

Article Published Date : Dec 01, 2008

Authors : William Huynh, Dennis J Cordato, Elias Kehdi, Lynette T Masters, Chris Dedousis

Study Type : Commentary

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Encephalomyelitis : CK\(12\) : AC\(7\)](#),

[Neuromyelitis Optica : CK\(4\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Polio: Vaccine-Related

Vaccine-derived poliovirus may become pathogenic in complex viral ecosystems, through frequent recombination events and mutations. - GMI Summary

Pubmed Data : J Infect Dis. 2012 May 1 ;205(9):1363-73. Epub 2012 Mar 29. PMID: [22457288](#)

Article Published Date : May 01, 2012

Authors : Marie-Line Joffret, Sophie Jégouic, Maël Bessaud, Jean Balanant, Coralie Tran, Valerie Caro, Barbara Holmblat, Richter Razafindratsimandresy, Jean-Marc Reynes, Mala Rakoto-Andrianarivelo, Francis Delpeyroux

Study Type : Review

Additional Links

Diseases : [Polio : CK\(19\) : AC\(8\)](#), [Polio: Vaccine-Related : CK\(1\) : AC\(1\)](#), [Vaccine-induced Toxicity :](#)

[CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Topic: Spongiform Encephalopathies: Transmissible

Transmissible spongiform encephalopathies may be passed iatrogenically through vaccines. - GMI Summary

Pubmed Data : Dev Biol (Basel). 2001;106:455-9; discussion 460-1, 465-75. PMID: [11761262](#)

Article Published Date : Jan 01, 2001

Authors : N R Cashman

Study Type : Commentary

Additional Links

Diseases : [Spongiform Encephalopathies: Transmissible : CK\(2\) : AC\(2\)](#), [Vaccine-induced Toxicity :](#)

[CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: Yellow Fever

From 1990 to the present, the number of cases (n = 31) and deaths (n = 12) from the yellow fever vaccine in travelers has exceeded the reports of YF (n = 6) acquired by natural infection. - GMI Summary

Pubmed Data : Expert Rev Vaccines. 2012 Apr ;11(4):427-48. PMID: [22551029](#)

Article Published Date : Apr 01, 2012

Authors : Thomas P Monath

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Yellow Fever : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Yellow Fever : CK\(13\) : AC\(2\)](#)

Category: Adverse Pharmacological Actions

Topic: Tumor necrosis factor α (TNF α) up-regulation

Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclampsia and adverse outcomes such as preterm birth. - GMI Summary

Pubmed Data : Vaccine. 2011 Sep 20. Epub 2011 Sep 20. PMID: [21945263](#)

Article Published Date : Sep 20, 2011

Authors : Lisa M Christian, Jay D Iams, Kyle Porter, Ronald Glaser

Study Type : Human Study

Additional Links

Diseases : [CRP : CK\(30\) : AC\(3\)](#), [Elevated CRP : CK\(72\) : AC\(8\)](#), [Pre-Eclampsia : CK\(309\) : AC\(33\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Pregnancy Complications : CK\(166\) : AC\(19\)](#), [Preterm Birth: Prevention : CK\(111\) : AC\(9\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Interleukin-6 up-regulation : CK\(14\) : AC\(3\)](#), [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

Thirty-five percent of children with juvenile idiopathic arthritis experienced flare of the disease after vaccination. - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2012 Mar 15. Epub 2012 Mar 15. PMID: [22513085](#)

Article Published Date : Mar 15, 2012

Authors : Natasa Toplak, Vesna Subelj, Tanja Kveder, Sasa Cucnik, Katarina Prosenc, Alenka Trampus-Bakija, Ljupco Todorovski, Tadej Avcin

Study Type : Human Study

Additional Links

Diseases : [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

Topic: Immunosuppressive

Annual influenza vaccination hampers the development of virus-specific CD8(+) T cell responses necessary to protect against influenza infection. - GMI Summary

Pubmed Data : J Virol. 2011 Nov ;85(22):11995-2000. Epub 2011 Aug 31. PMID: [21880755](#)

Article Published Date : Nov 01, 2011

Authors : Rogier Bodewes, Pieter L A Fraaij, Martina M Geelhoed-Mieras, Carel A van Baalen, Harm A W M Tiddens, Annemarie M C van Rossum, Fiona R van der Klis, Ron A M Fouchier, Albert D M E Osterhaus, Guus F Rimmelzwaan

Study Type : Human Study

Additional Links

Diseases : [Cystic Fibrosis : CK\(703\) : AC\(77\)](#), [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Immunosuppressive : CK\(155\) : AC\(23\)](#)

Topic: [Interleukin-6 up-regulation](#)

[Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclampsia and adverse outcomes such as preterm birth.](#) - GMI Summary

Pubmed Data : Vaccine. 2011 Sep 20. Epub 2011 Sep 20. PMID: [21945263](#)

Article Published Date : Sep 20, 2011

Authors : Lisa M Christian, Jay D Iams, Kyle Porter, Ronald Glaser

Study Type : Human Study

Additional Links

Diseases : [CRP : CK\(30\) : AC\(3\)](#), [Elevated CRP : CK\(72\) : AC\(8\)](#), [Pre-Eclampsia : CK\(309\) : AC\(33\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Pregnancy Complications : CK\(166\) : AC\(19\)](#), [Preterm Birth: Prevention : CK\(111\) : AC\(9\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Interleukin-6 up-regulation : CK\(14\) : AC\(3\)](#), [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

Topic: [Teratogenic](#)

[Birth defects are more common in pregnant women who received the anthrax vaccine during their first trimester versus later in pregnancy.](#) - GMI Summary

Pubmed Data : Am J Epidemiol. 2008 Aug 15 ;168(4):434-42. Epub 2008 Jul 2. PMID: [18599489](#)

Article Published Date : Aug 15, 2008

Authors : Margaret A K Ryan, Tyler C Smith, Carter J Sevick, William K Honner, Rosha A Loach, Cynthia A Moore, J David Erickson

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Birth Defects : CK\(196\) : AC\(37\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

Adverse Pharmacological Actions : [Teratogenic : CK\(304\) : AC\(59\)](#)

Topic: [Immunotoxic](#)

[Aluminum vaccine adjuvants appear to contribute to the rising prevalence of autism.](#) - GMI Summary

Pubmed Data : J Inorg Biochem. 2011 Nov ;105(11):1489-99. Epub 2011 Aug 23. PMID: [22099159](#)

Article Published Date : Nov 01, 2011

Authors : Lucija Tomljenovic, Christopher A Shaw

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)
Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#)
Adverse Pharmacological Actions : [Immunotoxic : CK\(230\) : AC\(38\)](#), [Neurotoxic : CK\(1076\) : AC\(179\)](#)

[Autoimmunity following hepatitis B vaccine has been reported.](#) - GMI Summary

Pubmed Data : Lupus. 2012 Feb ;21(2):146-52. PMID: [22235045](#)

Article Published Date : Jan 31, 2012

Authors : Y Zafrir, N Agmon-Levin, Z Paz, T Shilton, Y Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Adverse Pharmacological Actions : [Immunotoxic : CK\(230\) : AC\(38\)](#)

[The pathogenic role of aluminium hydroxide is now recognized by the presence of chronic fatigue syndrome, macrophagic myofasciitis and subcutaneous pseudolymphoma, linked to intramuscular injection of aluminium hydroxide-containing vaccines.](#) - GMI Summary

Pubmed Data : J Trace Elem Med Biol. 2012 Mar 14. Epub 2012 Mar 14. PMID: [22425036](#)

Article Published Date : Mar 14, 2012

Authors : Olivier Guillard, Bernard Fauconneau, Alain Pineau, Annie Marraud, Jean-Pierre Bellocq, Marie-Pierre Chenard

Study Type : Human: Case Report, Review

Additional Links

Diseases : [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Pseudolymphoma : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

Adverse Pharmacological Actions : [Immunotoxic : CK\(230\) : AC\(38\)](#)

Topic: [Neurotoxic](#)

[Aluminum vaccine adjuvants appear to contribute to the rising prevalence of autism.](#) - GMI Summary

Pubmed Data : J Inorg Biochem. 2011 Nov ;105(11):1489-99. Epub 2011 Aug 23. PMID: [22099159](#)

Article Published Date : Nov 01, 2011

Authors : Lucija Tomljenovic, Christopher A Shaw

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#)

Adverse Pharmacological Actions : [Immunotoxic : CK\(230\) : AC\(38\)](#), [Neurotoxic : CK\(1076\) : AC\(179\)](#)

Topic: [Myotoxicity](#)

[Influenza vaccine has been reported to be a possible trigger of rhabdomyolysis induced acute renal failure in those taking statin drugs.](#) - GMI Summary

Pubmed Data : Nephrol Dial Transplant. 2000 May ;15(5):740-1. PMID: [10809833](#)

Article Published Date : May 01, 2000

Authors : E Plotkin, J Bernheim, S Ben-Chetrit, A Mor, Z Korzets

Study Type : Human: Case Report

Additional Links

Diseases : [Rhabdomyolysis : CK\(165\) : AC\(38\)](#), [Statin-Induced Pathologies : CK\(1570\) : AC\(315\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) :](#)

[AC\(37\)](#)

Problem Substances : [Statin Drugs](#) : [CK\(3969\)](#) : [AC\(465\)](#)

Adverse Pharmacological Actions : [Myotoxicity](#) : [CK\(317\)](#) : [AC\(79\)](#)

Topic: [Hepatotoxic](#)

[Hepatitis B vaccine induces cell death in liver cells and mouse liver.](#) - GMI Summary

Pubmed Data : Apoptosis. 2012 Jan 17. Epub 2012 Jan 17. PMID: [22249285](#)

Article Published Date : Jan 17, 2012

Authors : Heyam Hamza, Jianhua Cao, Xinyun Li, Changchun Li, Mengjin Zhu, Shuhong Zhao

Study Type : Animal Study

Additional Links

Diseases : [Liver Damage](#) : [CK\(597\)](#) : [AC\(213\)](#), [Vaccine-induced Toxicity](#) : [CK\(1130\)](#) : [AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All](#) : [CK\(3874\)](#) : [AC\(302\)](#), [Vaccination: Hepatitis B](#) : [CK\(347\)](#) : [AC\(48\)](#)

Problem Substances : [Aluminum Hydroxide](#) : [CK\(56\)](#) : [AC\(14\)](#), [Vaccine Adjuvants](#) : [CK\(383\)](#) : [AC\(77\)](#)

Adverse Pharmacological Actions : [Hepatotoxic](#) : [CK\(283\)](#) : [AC\(80\)](#)

Category: [Anti-Therapeutic Actions](#)

Topic: [Vaccination: All](#)

["The design and reporting of safety outcomes in MMR vaccine studies, both pre- and post-marketing, are largely inadequate."](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2012 ;2:CD004407. Epub 2012 Feb 15. PMID: [22336803](#)

Article Published Date : Dec 31, 2011

Authors : Vittorio Demicheli, Alessandro Rivetti, Maria Grazia Debalini, Carlo Di Pietrantonj

Study Type : Meta Analysis

Additional Links

Diseases : [Measles](#) : [CK\(193\)](#) : [AC\(8\)](#), [Mumps](#) : [CK\(41\)](#) : [AC\(1\)](#), [Rubella](#) : [CK\(54\)](#) : [AC\(4\)](#)

Additional Keywords : [Rubella](#) : [CK\(54\)](#) : [AC\(4\)](#), [Vaccine Safety](#) : [CK\(21\)](#) : [AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All](#) : [CK\(3874\)](#) : [AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : [CK\(228\)](#) : [AC\(26\)](#)

[38,787 adverse events including infant death \(highest in 1-3 month olds\) after vaccination were reported between 1991-1994. \(The authors speciously claim SIDS and not vaccination caused these deaths\).](#) - GMI Summary

Pubmed Data : J Pediatr. 1997 Oct;131(4):529-35. PMID: [9386653](#)

Article Published Date : Oct 01, 1997

Authors : M M Braun, S S Ellenberg

Study Type : Meta Analysis

Additional Links

Diseases : [Hearing Loss: Sudden](#) : [CK\(30\)](#) : [AC\(3\)](#), [Infant Mortality](#) : [CK\(229\)](#) : [AC\(23\)](#), [Vaccine-induced Toxicity](#) : [CK\(1130\)](#) : [AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All](#) : [CK\(3874\)](#) : [AC\(302\)](#)

[Diphtheria immunisation is weakly associated with an increased risk of asthma by age 7 years.](#) - GMI Summary

Pubmed Data : Thorax. 2007 Mar;62(3):270-5. Epub 2006 Nov 7. PMID: [17090571](#)

Article Published Date : Mar 01, 2007

Authors : Kazunori Nakajima, Shyamali C Dharmage, John B Carlin, Cathryn L Wharton, Mark A Jenkins, Graham G Giles, Michael J Abramson, E Haydn Walters, John L Hopper

Study Type : Meta Analysis

Additional Links

Diseases : [Asthma : CK\(918\) : AC\(134\)](#), [Atopic Disease : CK\(91\) : AC\(9\)](#), [Hypersensitivity: Immediate : CK\(93\) : AC\(9\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria : CK\(50\) : AC\(2\)](#)

[DTP or tetanus vaccination increases the risk of allergies and related respiratory symptoms in children and adolescents.](#) - GMI Summary

Pubmed Data : J Manipulative Physiol Ther. 2000 Feb;23(2):81-90. PMID: [10714532](#)

Article Published Date : Feb 01, 2000

Authors : E L Hurwitz, H Morgenstern

Study Type : Meta Analysis

Additional Links

Diseases : [Allergies : CK\(502\) : AC\(92\)](#), [Allergies: Childhood : CK\(70\) : AC\(5\)](#), [Asthma : CK\(918\) : AC\(134\)](#), [Hypersensitivity : CK\(64\) : AC\(15\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Inactivated flu vaccines have not been proven to be effective or safe in preventing influenza in healthy children under two.](#) - GMI Summary

Pubmed Data : Altern Ther Health Med. 2009 Sep-Oct;15(5):44-6. PMID: [18425905](#)

Article Published Date : Sep 01, 2009

Authors : Tom Jefferson, Alessandro Rivetti, Anthony Harnden, Carlo Di Pietrantonj, Vittorio Demicheli

Study Type : Meta Analysis

Additional Links

Diseases : [Cold and Flu: Infants & Children : CK\(62\) : AC\(6\)](#), [Infection: In Infants & Children : CK\(111\) : AC\(11\)](#), [Influenza A : CK\(305\) : AC\(73\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Male newborns vaccinated with hepatitis B prior to 1999 had a 3-fold higher risk for parentally reported autism.](#) - GMI Summary

Pubmed Data : J Toxicol Environ Health A. 2010 Jan;73(24):1665-77. PMID: [21058170](#)

Article Published Date : Jan 01, 2010

Authors : Carolyn M Gallagher, Melody S Goodman

Study Type : Meta Analysis

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Maternal influenza vaccination during pregnancy does not reduce the incidence of acute respiratory illness visits among infants.](#) - GMI Summary

Pubmed Data : Cancer Sci. 2004 Jul;95(7):596-601. PMID: [17146026](#)

Article Published Date : Jul 01, 2004

Authors : Eric K France, Renae Smith-Ray, David McClure, Simon Hambidge, Stanley Xu, Kristi Yamasaki, David Shay, Eric Weintraub, Alicia M Fry, Steve B Black, Henry R Shinefield, John P Mullooly, Lisa A Jackson

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Neonate exposure to thimerosal mercury from hepatitis B vaccines may be a significant problem.](#) - GMI Summary

Pubmed Data : Am J Perinatol. 2009 Aug;26(7):523-7. Epub 2009 Mar 12. PMID: [19283656](#)

Article Published Date : Aug 01, 2009

Authors : José G Dórea, Rejane C Marques, Katiane G Brandão

Study Type : Meta Analysis

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Infant Chemical Exposures : CK\(162\) : AC\(22\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Over 1,000 confirmed cases of vaccine-induced thrombocytopenia were reported between 1990-2008.](#) - GMI Summary

Pubmed Data : Vaccine. 2010 Nov 29. Epub 2010 Nov 29. PMID: [21126606](#)

Article Published Date : Nov 29, 2010

Authors : Emily Jane Woo, Robert P Wise, David Menschik, Sean V Shadomy, John Iskander, Judy Beeler, Frederick Varricchio, Robert Ball

Study Type : Meta Analysis

Additional Links

Diseases : [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Over 600 cases of sudden infant death syndrome following vaccination were reported from 1990-1997.](#) - GMI Summary

Pubmed Data : Pharmacoepidemiol Drug Saf. 2001 Jun-Jul;10(4):279-85. PMID: [11760487](#)

Article Published Date : Jun 01, 2001

Authors : L E Silvers, S S Ellenberg, R P Wise, F E Varricchio, G T Mootrey, M E Salive

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Mortality : CK\(229\) : AC\(23\)](#), [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The risk of adverse events from the pertussis outweighed the risk of pertussis infection during the period of 1970-83 in children living in non-deprived circumsatnces in Britain.](#) - GMI Summary

Pubmed Data : Dev Biol Stand. 1985;61:395-405. PMID: [3835080](#)

Article Published Date : Jan 01, 1985

Authors : G T Stewart

Study Type : Meta Analysis

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[There are no randomized controlled trials that assessed the effects of hepatitis B vaccine during pregnancy for preventing infant infection.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2011(3):CD007879. Epub 2011 Mar 16. PMID: [21412913](#)

Article Published Date : Jan 01, 2011

Authors : Ussanee S Sangkomkamhang, Pisake Lumbiganon, Malinee Laopaiboon

Study Type : Meta Analysis

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[There is a highly statistically significant correlation between increasing number](#)

[of vaccine doses and increasing infant mortality rates.](#) - GMI Summary

Pubmed Data : Hum Exp Toxicol. 2011 May 4. Epub 2011 May 4. PMID: [21543527](#)

Article Published Date : May 04, 2011

Authors : Neil Z Miller, Gary S Goldman

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[There is a lack of evidence for the effectiveness of influenza vaccines in adults aged 65 years or older.](#) - GMI Summary

Pubmed Data : Lancet Infect Dis. 2011 Oct 25. Epub 2011 Oct 25. PMID: [22032844](#)

Article Published Date : Oct 25, 2011

Authors : Michael T Osterholm, Nicholas S Kelley, Alfred Sommer, Edward A Belongia

Study Type : Meta Analysis

Additional Links

Diseases : [Elderly: Age Specific Diseases : CK\(442\) : AC\(37\)](#), [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Thimerosal-containing vaccines are associated with autism prevalence and measles-containing vaccines are associated with serious neurological disorders.](#) - GMI Summary

Pubmed Data : Med Sci Monit. 2004 Mar;10(3):PI33-9. Epub 2004 Mar 1. PMID: [14976450](#)

Article Published Date : Mar 01, 2004

Authors : David A Geier, Mark R Geier

Study Type : Meta Analysis

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Vaccination in infants less than 3 months is associated with an increased risk of sudden infant death syndrome.](#) - GMI Summary

Pubmed Data : Fundam Clin Pharmacol. 1995;9(3):263-70. PMID: [7557822](#)

Article Published Date : Jan 01, 1995

Authors : A P Jonville-Bera, E Autret, J Laugier

Study Type : Meta Analysis

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Vaccination is associated with an increased risk for hemolytic anemia.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7394-7. Epub 2009 Sep 18. PMID: [19766577](#)

Article Published Date : Dec 09, 2009

Authors : Allison L Naleway, Edward A Belongia, James G Donahue, Burney A Kieke, Jason M Glanz,

Study Type : Meta Analysis

Additional Links

Diseases : [Hemolytic Anemia : CK\(75\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[We concluded that there is no credible evidence that vaccination of healthy people under the age of 60, who are healthcare workers caring for the elderly, affects influenza complications in those cared for.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2006 ;3:CD005187. Epub 2006 Jul 19. PMID: [16856082](#)

Article Published Date : Jan 01, 2006

Authors : R E Thomas, T Jefferson, V Demicheli, D Rivetti

Study Type : Meta Analysis

Additional Links

Diseases : [Influenza : CK\(654\) : AC\(102\)](#)

Additional Keywords : [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[When polled 5% of nonpediatricians would not use Haemophilus influenzae type b vaccine if they had a child born in 2004.](#) - GMI Summary

Pubmed Data : Pediatrics. 2005 Nov;116(5):e623-33. PMID: [16263976](#)

Article Published Date : Nov 01, 2005

Authors : Klara M Posfay-Barbe, Ulrich Heininger, Christoph Aebi, Daniel Desgrandchamps, Bernard Vaudaux, Claire-Anne Siegrist

Study Type : Meta Analysis

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

["A history of prior vaccination is not always associated with immunity nor with the presence of specific antibodies."](#) - GMI Summary

Pubmed Data : Clin Invest Med. 1988 Aug ;11(4):304-9. PMID: [3168353](#)

Article Published Date : Jul 31, 1988

Authors : L Sekla, W Stackiw, G Eibisch, I Johnson

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Antibody Theory Of Vaccinology : CK\(35\) : AC\(5\)](#), [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[20.7% \(6 of 29\) of persons known to have received measles vaccine had non-protective titers.](#) - GMI Summary

Pubmed Data : Am J Trop Med Hyg. 2008 Nov;79(5):787-92. PMID: [18981523](#)

Article Published Date : Nov 01, 2008

Authors : Inácio M Mandomando, Denise Naniche, Marcela F Pasetti, Xavier Vallès, Lilian Cuberos, Ariel Nhacolo, Karen L Kotloff, Helder Martins, Myron M Levine, Pedro Alonso

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[A 1993 outbreak of measles in a highly immunised Australian population.](#) - GMI Summary

Pubmed Data : Aust J Public Health. 1994 Sep ;18(3):249-52. PMID: [7841251](#)

Article Published Date : Aug 31, 1994

Authors : A Herceg, I Passaris, C Mead

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[A Haemophilus b polysaccharide vaccine resulted in minus 58 percent efficacy in children in Minnesota in August 1985. - GMI Summary](#)

Pubmed Data : JAMA. 1988 Sep 9;260(10):1423-8. PMID: [3261350](#)

Article Published Date : Sep 09, 1988

Authors : M T Osterholm, J H Rambeck, K E White, J L Jacobs, L M Pierson, J D Neaton, C W Hedberg, K L MacDonald, D M Granoff

Study Type : Human Study

Additional Links

Diseases : [Haemophilus influenzae : CK\(54\) : AC\(9\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#)

[A major measles epidemic occurred in 1989 in the region of Quebec despite a 99% vaccine coverage. - GMI Summary](#)

Pubmed Data : Can J Public Health. 1991 May-Jun;82(3):189-90. PMID: [1884314](#)

Article Published Date : Apr 30, 1991

Authors : N Boulianne, G De Serres, B Duval, J R Joly, F Meyer, P Déry, M Alary, D Le Hénaff, N Thériault

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[A measles outbreak at a college with a prematriculation immunization requirement. - GMI Summary](#)

Pubmed Data : Am J Public Health. 1991 Mar ;81(3):360-4. PMID: [1994745](#)

Article Published Date : Feb 28, 1991

Authors : B S Hersh, L E Markowitz, R E Hoffman, D R Hoff, M J Doran, J C Fleishman, S R Preblud, W A Orenstein

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[A measles outbreak in Montana in 1985 indicates vaccine failure. - GMI Summary](#)

Pubmed Data : Am J Epidemiol. 1987 Sep ;126(3):438-49. PMID: [3618578](#)

Article Published Date : Aug 31, 1987

Authors : R M Davis, E D Whitman, W A Orenstein, S R Preblud, L E Markowitz, A R Hinman

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[A modified self-controlled case series method links multidose vaccinations to sudden unexpected death. - GMI Summary](#)

Pubmed Data : Stat Med. 2011 Mar 15;30(6):666-77. Epub 2010 Nov 30. PMID: [21337361](#)

Article Published Date : Mar 15, 2011

Authors : Ronny Kuhnert, Hartmut Hecker, Christina Poethko-Müller, Martin Schlaud, Mechtild Vennemann, Heather J Whitaker, C Paddy Farrington

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Acute hepatitis B can occur in those who are vaccinated against it and who are exposed through unprotected sexual contact and iatrogenically.](#) - GMI Summary

Pubmed Data : Postgrad Med J. 2006 Mar;82(965):207-10. PMID: [16517803](#)

Article Published Date : Mar 01, 2006

Authors : G Rosner, Y Lurie, L Blendis, Z Halpern, R Oren

Study Type : Human Study

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Iatrogenic Disease : CK\(62\) : AC\(7\)](#)

Additional Keywords : [Iatrogenic Disease : CK\(226\) : AC\(26\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Acute necrotizing encephalopathy secondary to diphtheria, tetanus toxoid and whole-cell pertussis vaccination has been reported.](#) - GMI Summary

Pubmed Data : Pediatr Radiol. 2010 Jul;40(7):1281-4. Epub 2010 Jan 30. PMID: [20119724](#)

Article Published Date : Jul 01, 2010

Authors : Hale Aydin, Esra Ozgul, Ahmet Muhtesem Agildere

Study Type : Human Study

Additional Links

Diseases : [Encephalopathy: Acute Necrotizing : CK\(20\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease.](#) - GMI Summary

Pubmed Data : Pediatrics. 2003 Aug;112(2):e98-103. PMID: [12897314](#)

Article Published Date : Aug 01, 2003

Authors : Thomas Verstraeten, Aisha O Jumaan, John P Mullooly, Jane F Seward, Hector S Izurieta, Frank DeStefano, Steven B Black, Robert T Chen,

Study Type : Human Study

Additional Links

Diseases : [Asthma : CK\(918\) : AC\(134\)](#), [Chickenpox : CK\(80\) : AC\(8\)](#), [Corticosteroid-Induced Toxicity : CK\(78\) : AC\(17\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Aluminum hydroxide-induced macrophagic myofasciitis \(MMF\) associated with vaccination has been reported.](#) - GMI Summary

Pubmed Data : J Inorg Biochem. 2011 Nov ;105(11):1457-63. Epub 2011 Aug 22. PMID: [22099155](#)

Article Published Date : Nov 01, 2011

Authors : Elodie Passeri, Chiara Villa, Maryline Couette, Emmanuel Itti, Pierre Brugieres, Pierre Cesaro, Romain K Gherardi, Anne-Catherine Bachoud-Levi, François-Jérôme Authier

Study Type : Human Study

Additional Links

Diseases : [Macrophagic myofasciitis](#) : CK(15) : AC(3)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Problem Substances : [Aluminum Hydroxide](#) : CK(56) : AC(14), [Vaccine Adjuvants](#) : CK(383) : AC(77)

[Aluminum vaccine adjuvants appear to contribute to the rising prevalence of autism.](#) - GMI Summary

Pubmed Data : J Inorg Biochem. 2011 Nov ;105(11):1489-99. Epub 2011 Aug 23. PMID: [22099159](#)

Article Published Date : Nov 01, 2011

Authors : Lucija Tomljenovic, Christopher A Shaw

Study Type : Human Study

Additional Links

Diseases : [Autism](#) : CK(1262) : AC(65), [Autism Spectrum Disorders](#) : CK(1140) : AC(108)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Problem Substances : [Aluminum Hydroxide](#) : CK(56) : AC(14)

Adverse Pharmacological Actions : [Immunotoxic](#) : CK(230) : AC(38), [Neurotoxic](#) : CK(1076) : AC(179)

[Among female infants, those who receive both BCG and DTP vaccines experience higher mortality than those who receive only one of the two vaccines.](#) - GMI Summary

Pubmed Data : Trop Med Int Health. 2005 Oct;10(10):947-55. PMID: [16185228](#)

Article Published Date : Oct 01, 2005

Authors : Lawrence H Moulton, Lakshmi Rahmathullah, Neal A Halsey, R D Thulasiraj, Joanne Katz, James M Tielsch

Study Type : Human Study

Additional Links

Diseases : [Infant Mortality](#) : CK(229) : AC(23), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: BCG \(Tuberculosis\)](#) : CK(33) : AC(4), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

[Among US military personnel vaccinated against smallpox, myopericarditis occurred at a rate of 1 per 12,819 primary vaccinees, and 3.6 fold higher in those without previous vaccinia vaccination.](#) - GMI Summary

Pubmed Data : JAMA. 2003 Jun 25;289(24):3283-9. PMID: [12824210](#)

Article Published Date : Jun 25, 2003

Authors : Jeffrey S Halsell, James R Riddle, J Edwin Atwood, Pierce Gardner, Robert Shope, Gregory A Poland, Gregory C Gray, Stephen Ostroff, Robert E Eckart, Duane R Hospenenthal, Roger L Gibson, John D Grabenstein, Mark K Arness, David N Tornberg,

Study Type : Human Study

Additional Links

Diseases : [Myopericarditis](#) : CK(40) : AC(4)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Smallpox](#) : CK(71) : AC(8)

[An economic analysis of mass smallpox vaccination reveals that cardiovascular adverse events would be sizeable and costly.](#) - GMI Summary

Pubmed Data : J Rheumatol. 1994 Jul;21(7):1305-9. PMID: [18284356](#)

Article Published Date : Jul 01, 1994

Authors : Ismael R Ortega-Sanchez, Mercedes M Sniadack, Gina T Mootrey

Study Type : Human Study

Additional Links

Diseases : [Myocarditis](#) : CK(54) : AC(8), [Myopericarditis](#) : CK(40) : AC(4), [Pericarditis](#) : CK(35) : AC(5)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Smallpox](#) : CK(71) : AC(8)

[Annual influenza vaccination hampers the development of virus-specific CD8\(+\) T cell responses necessary to protect against influenza infection.](#) - GMI Summary

Pubmed Data : J Virol. 2011 Nov ;85(22):11995-2000. Epub 2011 Aug 31. PMID: [21880755](#)

Article Published Date : Nov 01, 2011

Authors : Rogier Bodewes, Pieter L A Fraaij, Martina M Geelhoed-Mieras, Carel A van Baalen, Harm A W M Tiddens, Annemarie M C van Rossum, Fiona R van der Klis, Ron A M Fouchier, Albert D M E Osterhaus, Guus F Rimmelzwaan

Study Type : Human Study

Additional Links

Diseases : [Cystic Fibrosis : CK\(703\) : AC\(77\)](#), [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Immunosuppressive : CK\(155\) : AC\(23\)](#)

[Anthrax vaccination contributes to joint related adverse reactions.](#) - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2002 Mar-Apr;20(2):217-20. PMID: [12051402](#)

Article Published Date : Mar 01, 2002

Authors : D A Geier, M R Geier

Study Type : Human Study

Additional Links

Diseases : [Joint Diseases : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[Autistic children have elevated levels of measles antibodies indicating that measles vaccination may be causing autoimmunity in these children.](#) - GMI Summary

Pubmed Data : Pediatr Neurol. 2003 Apr;28(4):292-4. PMID: [12849883](#)

Article Published Date : Apr 01, 2003

Authors : Vijendra K Singh, Ryan L Jensen

Study Type : Human Study

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Between 1995 and 2005 25,306 adverse events were reported from varicella vaccine.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2008 Mar 1;197 Suppl 2:S170-7. PMID: [18419393](#)

Article Published Date : Mar 01, 2008

Authors : Sandra S Chaves, Penina Haber, Kimp Walton, Robert P Wise, Hector S Izurieta, D Scott Schmid, Jane F Seward

Study Type : Human Study

Additional Links

Diseases : [Herpes Zoster : CK\(470\) : AC\(35\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Birth defects are more common in pregnant women who received the anthrax vaccine during their first trimester versus later in pregnancy.](#) - GMI Summary

Pubmed Data : Am J Epidemiol. 2008 Aug 15 ;168(4):434-42. Epub 2008 Jul 2. PMID: [18599489](#)

Article Published Date : Aug 15, 2008

Authors : Margaret A K Ryan, Tyler C Smith, Carter J Sevick, William K Honner, Rosha A Loach, Cynthia A Moore, J David Erickson

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Birth Defects : CK\(196\) : AC\(37\)](#), [Vaccine-induced Toxicity : CK\(1130\)](#)

: [AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)
Adverse Pharmacological Actions : [Teratogenic : CK\(304\) : AC\(59\)](#)

[Breastfeeding attenuates reductions in energy intake induced by a mild immunologic stimulus represented by DPTH immunization.](#) - GMI Summary

Pubmed Data : J Nutr. 2002 Jun;132(6):1293-8. PMID: [12042449](#)

Article Published Date : Jun 01, 2002

Authors : Mardya López-Alarcón, Cutberto Garza, Jean-Pierre Habicht, Lourdes Martínez, Virginia Pegueros, Salvador Villalpando

Study Type : Human Study

Additional Links

Substances : [Breast Milk : CK\(428\) : AC\(49\)](#)

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Therapeutic Actions : [Breastfeeding : CK\(708\) : AC\(67\)](#)

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(971\) : AC\(348\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Breastfeeding is associated with a decreased incidence of fever after immunizations.](#) - GMI Summary

Pubmed Data : Pediatrics. 2010 Jun;125(6):e1448-52. Epub 2010 May 17. PMID: [20478932](#)

Article Published Date : Jun 01, 2010

Authors : Alfredo Pisacane, Paola Continisio, Orsola Palma, Stefania Cataldo, Fabiola De Michele, Ugo Vairo

Study Type : Human Study

Additional Links

Substances : [Breast Milk : CK\(428\) : AC\(49\)](#)

Diseases : [Fever : CK\(77\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Therapeutic Actions : [Breastfeeding : CK\(708\) : AC\(67\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[C-reactive protein \(CRP\) elevation occur in infants without sepsis after hepatitis B vaccination.](#) - GMI Summary

Pubmed Data : Eur J Pediatr. 2013 Jan 29. Epub 2013 Jan 29. PMID: [23358708](#)

Article Published Date : Jan 28, 2013

Authors : Istemi Han Celik, Gamze Demirel, Fuat Emre Canpolat, Omer Erdeve, Ugur Dilmen

Study Type : Human Study

Additional Links

Diseases : [Elevated CRP : CK\(72\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Children vaccinated with MMR before age 10 are at significantly higher risk of multiple sclerosis.](#) - GMI Summary

Pubmed Data : Eur J Epidemiol. 2009;24(9):541-52. Epub 2009 Jul 26. PMID: [19633994](#)

Article Published Date : Jan 01, 2009

Authors : Cecilia Ahlgren, Kjell Torén, Anders Odén, Oluf Andersen

Study Type : Human Study

Additional Links

Diseases : [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Chronic fatigue syndrome may be associated with silicone implants and/or vaccinations.](#) - GMI Summary

Pubmed Data : Autoimmun Rev. 2008 Oct;8(1):52-5. Epub 2008 Aug 24. PMID: [18725327](#)

Article Published Date : Oct 01, 2008

Authors : Agmon-Levin Nancy, Yehuda Shoenfeld

Study Type : Human Study

Additional Links

Diseases : [Breast Augmentation Complications](#) : CK(32) : AC(4), [Chronic Fatigue Syndrome](#) : CK(397) : AC(28), [Hepatitis B](#) : CK(226) : AC(39), [Silicone Implant Toxicity](#) : CK(10) : AC(1), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Silicone Implants](#) : CK(10) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Combined MMR and varicella live vaccine is associated with higher rates of febrile convulsion than giving the vaccines separately.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Jul 23;27(34):4656-61. Epub 2009 Jun 9. PMID: [19520201](#)

Article Published Date : Jul 23, 2009

Authors : Steven J Jacobsen, Bradley K Ackerson, Lina S Sy, Trung N Tran, Tonia L Jones, Janis F Yao, Fagen Xie, T Craig Cheetham, Patricia Saddier

Study Type : Human Study

Additional Links

Diseases : [Febrile Seizures](#) : CK(83) : AC(5), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Varicella](#) : CK(50) : AC(5)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

[Congenital malformation is a possible consequence of rubella vaccination during pregnancy.](#) - GMI Summary

Pubmed Data : JAMA. 1981 Sep 25;246(13):1413-7. PMID: [7265443](#)

Article Published Date : Sep 25, 1981

Authors : S R Preblud, H C Stetler, J A Frank, W L Greaves, A R Hinman, K L Herrmann

Study Type : Human Study

Additional Links

Diseases : [Birth Defects](#) : CK(196) : AC(37), [Pregnancy: Vaccination](#) : CK(94) : AC(17), [Rubella](#) : CK(54) : AC(4), [Vaccination: Abortion](#) : CK(40) : AC(14), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: Adult Rubella](#) : CK(24) : AC(5), [Vaccination: All](#) : CK(3874) : AC(302)

[CRP level in infants is elevated in the 48 hours following immunization.](#) - GMI Summary

Pubmed Data : J Pediatr. 2007 Aug ;151(2):167-72. Epub 2007 Jun 22. PMID: [17643770](#)

Article Published Date : Aug 01, 2007

Authors : Massroor Pourcyrus, Sheldon B Korones, Kristopher L Arheart, Henrietta S Bada

Study Type : Human Study

Additional Links

Diseases : [C-Reactive Protein](#) : CK(819) : AC(74), [Premature Birth](#) : CK(412) : AC(43), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Multiple Vaccines](#) : CK(10) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Despite a high coverage with measles vaccines in parts of west Africa, epidemics of measles occur with reduced severity in an increasing proportion of older children who have been vaccinated.](#) - GMI Summary

Pubmed Data : Lancet. 1999 Jan 9 ;353(9147):98-102. PMID: [10023894](#)

Article Published Date : Jan 08, 1999

Authors : H C Whittle, P Aaby, B Samb, H Jensen, J Bennett, F Simondon

Study Type : Human Study

Additional Links

Diseases : [Measles](#) : CK(193) : AC(8)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Despite the CDC's current recommendation to vaccinate postpartum women before hospital discharge with the tetanus and diphtheria toxoids and acellular pertussis \(Tdap\) vaccine in order to prevent pertussis infection in their offspring, it does not reduce - GMI Summary](#)

Pubmed Data : Clin Infect Dis. 2011 Nov 10. Epub 2011 Nov 10. PMID: [22075790](#)

Article Published Date : Nov 10, 2011

Authors : Luis A Castagnini, C Mary Healy, Marcia A Rench, Susan H Wootton, Flor M Munoz, Carol J Baker

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Diphtheria-tetanus-pertussis vaccine administered simultaneously with measles vaccine is associated with increased morbidity and poor growth in girls. - GMI Summary](#)

Pubmed Data : Vaccine. 2011 Jan 10;29(3):487-500. Epub 2010 Nov 18. PMID: [21093496](#)

Article Published Date : Jan 10, 2011

Authors : J Agergaard, E Nante, G Poulstrup, J Nielsen, K L Flanagan, L Østergaard, C S Benn, P Aaby

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Combinations : CK\(20\) : AC\(2\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Diphtheria-tetanus-peteruss vaccines increase child mortality in rural Guinea-Bissau. - GMI Summary](#)

Pubmed Data : Int J Epidemiol. 2004 Apr;33(2):374-80. PMID: [15082643](#)

Article Published Date : Apr 01, 2004

Authors : Peter Aaby, Henrik Jensen, Joaquim Gomes, Manual Fernandes, Ida Maria Lisse

Study Type : Human Study

Additional Links

Diseases : [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[DPT vaccines have been associated with recurrent seizures. - GMI Summary](#)

Pubmed Data : Am J Dis Child. 1984 Oct;138(10):908-11. PMID: [6206715](#)

Article Published Date : Oct 01, 1984

Authors : J V Murphy, L D Sarff, K M Marquardt

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Seizures : CK\(122\) : AC\(28\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Erythema multiforme has been reported as a possible side effect of vaccination for human papillomavirus. - GMI Summary](#)

Pubmed Data : Dermatology. 2010;220(1):60-2. Epub 2009 Nov 3. PMID: [19887766](#)

Article Published Date : Jan 01, 2010

Authors : A C Katoulis, A Liakou, E Bozi, M Theodorakis, A Alevizou, A Zafeiraki, M Mistidou, N G Stavrianeas

Study Type : Human Study

Additional Links

Diseases : [Erythema](#) : CK(44) : AC(6)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13)

[Even though 95% of the children had measles antibodies after vaccination, vaccine efficacy was not more than 68%. - GMI Summary](#)

Pubmed Data : J Infect Dis. 1990 Nov ;162(5):1043-8. PMID: [2230232](#)

Article Published Date : Oct 31, 1990

Authors : P Aaby, K Knudsen, T G Jensen, J Thårup, A Poulsen, M Sodemann, M C da Silva, H Whittle

Study Type : Human Study

Additional Links

Diseases : [Measles](#) : CK(193) : AC(8), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Antibody Theory Of Vaccinology](#) : CK(35) : AC(5), [Vaccine Failure](#) : CK(123) : AC(13)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Measles](#) : CK(156) : AC(16)

[Evidence exists demonstrating that diphtheria-tetanus-pertussis \(DTP\) vaccines increase mortality in children. - GMI Summary](#)

Pubmed Data : Trop Med Int Health. 2007 Jan;12(1):15-24. PMID: [17207144](#)

Article Published Date : Jan 01, 2007

Authors : Peter Aaby, Christine Stabell Benn, Jens Nielsen, Ida Maria Lisse, Amabelia Rodrigues, Henrik Jensen

Study Type : Human Study

Additional Links

Diseases : [Child Mortality](#) : CK(64) : AC(8), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Extra-immunization is associated with receiving immunizations from multiple providers and multiple facility types. - GMI Summary](#)

Pubmed Data : Public Health Rep. 2011 Jul-Aug;126 Suppl 2:48-59. PMID: [21812169](#)

Article Published Date : Jul 01, 2011

Authors : Paul M Darden, Kristina K Gustafson, Paul J Nietert, Robert M Jacobson

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclampsia and adverse outcomes such as preterm birth. - GMI Summary](#)

Pubmed Data : Vaccine. 2011 Sep 20. Epub 2011 Sep 20. PMID: [21945263](#)

Article Published Date : Sep 20, 2011

Authors : Lisa M Christian, Jay D Iams, Kyle Porter, Ronald Glaser

Study Type : Human Study

Additional Links

Diseases : [CRP](#) : CK(30) : AC(3), [Elevated CRP](#) : CK(72) : AC(8), [Pre-Eclampsia](#) : CK(309) : AC(33), [Pregnancy: Vaccination](#) : CK(94) : AC(17), [Pregnancy Complications](#) : CK(166) : AC(19), [Preterm Birth: Prevention](#) : CK(111) : AC(9), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

Adverse Pharmacological Actions : [Interleukin-6 up-regulation](#) : CK(14) : AC(3), [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation](#) : CK(42) : AC(4)

Food/medicine vouchers have been used as an incentive to mothers of infants visiting Expanded Program on Immunization (EPI) centers in a low socio-economic area to increase vaccine rates. - GMI Summary

Pubmed Data : Vaccine. 2010 Apr 26;28(19):3473-8. Epub 2010 Mar 1. PMID: [20199756](#)

Article Published Date : Apr 26, 2010

Authors : S Chandir, A J Khan, H Hussain, H R Usman, S Khowaja, N A Halsey, S B Omer

Study Type : Human Study

Additional Links

Additional Keywords : [Bribing : CK\(20\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Hepatitis B vaccination coverage has fallen to beneath 30% in France due to concerns over safety. - GMI Summary

Pubmed Data : J Clin Virol. 2009 Nov;46(3):202-5. Epub 2009 Aug 28. PMID: [19716764](#)

Article Published Date : Nov 01, 2009

Authors : Marta A Balinska

Study Type : Human Study

Additional Links

Diseases : [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hepatitis B vaccination has been linked to autoimmune inflammatory polyneuropathy (PN). - GMI Summary

Pubmed Data : J Peripher Nerv Syst. 2002 Sep;7(3):163-7. PMID: [12365564](#)

Article Published Date : Sep 01, 2002

Authors : Claude Vital, Anne Vital, Georges Gbikpi-Benissan, Maïté Longy-Boursier, Marie-Thérèse Climas, Yves Castaing, Marie-Hélène Canron, Michel Le Bras, Klaus Petry

Study Type : Human Study

Additional Links

Diseases : [Acute Autoimmune Neuropathy : CK\(104\) : AC\(2\)](#), [Autoimmune inflammatory polyneuropathy \(PN\) : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hepatitis B vaccination is associated with a wide range of autoimmune diseases. - GMI Summary

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hepatitis B vaccination is associated with an increased risk of CNS inflammatory demyelination after 3 years of age. - GMI Summary

Pubmed Data : Reprod Toxicol. 2002 May-Jun;16(3):237-43. PMID: [18843097](#)

Article Published Date : May 01, 2002

Authors : Yann Mikaeloff, Guillaume Caridade, Samy Suissa, Marc Tardieu

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Inflammation : CK\(1077\) : AC\(363\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination is associated with potentially neurotoxic mercury exposure in infants.](#) - GMI Summary

Pubmed Data : Chin Med. 2008 Mar 29;3:4. PMID: [10802503](#)

Article Published Date : Mar 29, 2008

Authors : G V Stajich, G P Lopez, S W Harry, W R Sexson

Study Type : Human Study

Additional Links

Diseases : [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Premature Birth : CK\(412\) : AC\(43\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination may contribute to autoimmune demyelinating complications due to immunological cross-reactivity between Hepatitis B virus surface antigen and myelin basic protein.](#) - GMI Summary

Pubmed Data : Clin Dev Immunol. 2005 Sep;12(3):217-24. PMID: [16295528](#)

Article Published Date : Sep 01, 2005

Authors : Dimitrios-Petrou Bogdanos, Heather Smith, Yun Ma, Harold Baum, Giorgina Mieli-Vergani, Diego Vergani

Study Type : Human Study

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Hepatitis B Vaccine : CK\(30\) : AC\(2\)](#), [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination significantly increases the risk of a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Autoimmunity. 2005 Jun;38(4):295-301. PMID: [16206512](#)

Article Published Date : Jun 01, 2005

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Alopecia : CK\(131\) : AC\(28\)](#), [Arthritis : CK\(1430\) : AC\(218\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination was statistically associated with gastrointestinal reactions including: hepatitis, gastrointestinal disease and liver function test abnormalities.](#) - GMI Summary

Pubmed Data : Hepatogastroenterology. 2002 Nov-Dec;49(48):1571-5. PMID: [12397738](#)

Article Published Date : Nov 01, 2002

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Gastrointestinal Diseases : CK\(38\) : AC\(14\)](#), [Hepatitis : CK\(64\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine is associated with an increased risk of liver problems in U.S. children less than 6 years old, 1993 and 1994.](#) - GMI Summary

Pubmed Data : Epidemiology. 1999 May;10(3):337-9. PMID: [10230847](#)

Article Published Date : May 01, 1999

Authors : M A Fisher, S A Eklund

Study Type : Human Study

Additional Links

Diseases : [Liver Disease](#) : CK(112) : AC(31), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Hepatitis B vaccine is associated with an increased risk of multiple sclerosis.](#) - GMI Summary

Pubmed Data : Neurology. 2004 Sep 14;63(5):838-42. PMID: [15365133](#)

Article Published Date : Sep 14, 2004

Authors : Miguel A Hernán, Susan S Jick, Michael J Olek, Hershel Jick

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases](#) : CK(1278) : AC(250), [Hepatitis B](#) : CK(226) : AC(39), [Multiple Sclerosis](#) : CK(716) : AC(133), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Hepatitis B Vaccine](#) : CK(30) : AC(2)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

[Hepatitis B vaccine is positively associated with adverse health outcomes in the general population of US children.](#) - GMI Summary

Pubmed Data : Ann Epidemiol. 2001 Jan;11(1):13-21. PMID: [11164115](#)

Article Published Date : Jan 01, 2001

Authors : M A Fisher, S A Eklund, S A James, X Lin

Study Type : Human Study

Additional Links

Diseases : [Arthritis](#) : CK(1430) : AC(218), [Arthritis: Juvenile Chronic](#) : CK(20) : AC(1), [Arthritis: Juvenile Idiopathic](#) : CK(20) : AC(1), [Arthritis: Juvenile Rheumatoid](#) : CK(10) : AC(1), [Ear Infection](#) : CK(604) : AC(33), [Pharyngeal Diseases](#) : CK(20) : AC(2)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Hepatitis B vaccine may have a possible association with the development of uveitis in some patients.](#) - GMI Summary

Pubmed Data : Cutan Ocul Toxicol. 2010 Mar;29(1):26-9. PMID: [19947819](#)

Article Published Date : Mar 01, 2010

Authors : Frederick W Fraunfelder, Eric B Suhler, Frederick T Fraunfelder

Study Type : Human Study

Additional Links

Diseases : [Uveitis](#) : CK(63) : AC(10), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Hepatitis C prevalence in Southern Italy may be due to iatrogenic transmission through the Salk Polio vaccine 1956-1965.](#) - GMI Summary

Pubmed Data : J Med Virol. 2003 May;70(1):49-50. PMID: [12629643](#)

Article Published Date : May 01, 2003

Authors : Maurizio Montella, Anna Crispo, Maria Grimaldi, Vincenzo Tridente, Mario Fusco

Study Type : Human Study

Additional Links

Diseases : [Hepatitis C : CK\(403\) : AC\(62\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[High titre measles vaccination increases female mortality in those receiving immunization in West Africa.](#) - GMI Summary

Pubmed Data : Int J Epidemiol. 1996 Jun;25(3):665-73. PMID: [8671571](#)

Article Published Date : Jun 01, 1996

Authors : K M Knudsen, P Aaby, H Whittle, M Rowe, B Samb, F Simondon, J Sterne, P Fine

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[High-titer measles vaccination before 9 months of age has been linked to increased female mortality.](#) - GMI Summary

Pubmed Data : Semin Pediatr Infect Dis. 2003 Jul;14(3):220-32. PMID: [12913835](#)

Article Published Date : Jul 01, 2003

Authors : Peter Aaby, Henrik Jensen, Francois Simondon, Hilton Whittle

Study Type : Human Study

Additional Links

Diseases : [Child Mortality : CK\(64\) : AC\(8\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[HPV vaccination does not have a therapeutic effect in young women with pre-existing human papillomavirus infection.](#) - GMI Summary

Pubmed Data : JAMA. 2007 Aug 15;298(7):743-53. PMID: [17699008](#)

Article Published Date : Aug 15, 2007

Authors : Allan Hildesheim, Rolando Herrero, Sholom Wacholder, Ana C Rodriguez, Diane Solomon, M Concepcion Bratti, John T Schiller, Paula Gonzalez, Gary Dubin, Carolina Porras, Silvia E Jimenez, Douglas R Lowy,

Study Type : Human Study

Additional Links

Diseases : [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[HPV vaccination has been linked to demyelination.](#) - GMI Summary

Pubmed Data : J Child Neurol. 2010 Mar;25(3):321-7. PMID: [20189933](#)

Article Published Date : Mar 01, 2010

Authors : Francis J DiMario, Mirna Hajjar, Thomas Ciesielski

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[Human Papilloma Virus \(HPV\) vaccine is associated with demyelinating events.](#) - GMI Summary

Pubmed Data : Mult Scler. 2009 Jan;15(1):116-9. Epub 2008 Sep 19. PMID: [18805844](#)

Article Published Date : Jan 01, 2009

Authors : I Sutton, R Lahoria, II Tan, P Clouston, Mh Barnett

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [HPV : CK\(31\) : AC\(4\)](#), [Human Papillomavirus](#)

[\(HPV\) : CK\(153\) : AC\(22\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [HPV Vaccine : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[Immunization of mothers with pneumococcal capsular polysaccharide vaccine during pregnancy is ineffective for infants. - GMI Summary](#)

Pubmed Data : Braz J Infect Dis. 2009 Apr;13(2):104-6. PMID: [20140352](#)

Article Published Date : Apr 01, 2009

Authors : Claudia R C Lopes, Eitan N Berezin, Ting Hui Ching, Jaildo de Souza Canuto, Vanilda Oliveira da Costa, Erika Monteiro Klering

Study Type : Human Study

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[In a measles outbreak from March 1991 to April 1992 in Rio de Janeiro 76.4% of those suspected to be infected had received measles vaccine before their first birthday. - GMI Summary](#)

Pubmed Data : Rev Soc Bras Med Trop. 1995 Oct-Dec;28(4):339-43. PMID: [8668833](#)

Article Published Date : Sep 30, 1995

Authors : S A de Oliveira, W N Soares, M O Dalston, M T de Almeida, A J Costa

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[In Kings County Washington, between 2002-2007, of the 176 confirmed cases of pertussis in infants under age 1 seventy-seven percent were age-appropriately vaccinated. - GMI Summary](#)

Pubmed Data : Arch Pediatr Adolesc Med. 2011 Jul ;165(7):647-52. PMID: [21727277](#)

Article Published Date : Jul 01, 2011

Authors : Matthew P Hanson, Tao S Kwan-Gett, Atar Baer, Krista Rietberg, Mara Ohrt, Jeffrey S Duchin

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#)

Additional Keywords : [Vaccine Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[In one study on rubella vaccination in 19 pregnant women, 9 aborted, 8 induced and 1 spontaneously. - GMI Summary](#)

Pubmed Data : Int Ophthalmol Clin. 1975;15(4):229-41. PMID: [773881](#)

Article Published Date : Jan 01, 1975

Authors : V Boniuk

Study Type : Human Study

Additional Links

Diseases : [Cataract : CK\(182\) : AC\(55\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[In the US the highest number of cases of Guillain-Barre syndrome are](#)

associated with influenza and hepatitis B vaccines. - GMI Summary

Pubmed Data : J Clin Neuromuscul Dis. 2009 Sep;11(1):1-6. PMID: [19730016](#)

Article Published Date : Sep 01, 2009

Authors : Nizar Souayah, Abu Nasar, M Fareed K Suri, Adnan I Qureshi

Study Type : Human Study

Additional Links

Diseases : [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48), [Vaccination: Influenza](#) : CK(356) : AC(37)

Incidence of adverse reactions to vaccines in pediatric populations are under-reported and may be as high as 43.4% for certain vaccine combinations. - GMI Summary

Pubmed Data : Clin Drug Investig. 2004;24(8):457-63. PMID: [17523706](#)

Article Published Date : Jan 01, 2004

Authors : Pilar Carrasco-Garrido, Carmen Gallardo-Pino, Rodrigo Jiménez-García, Miguel A Tapias, Angel Gil de Miguel

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

Increasing varicella vaccine coverage in Australia between 1998-2009 corresponds with increased levels of herpes zoster (shingles) cases managed in the same time period. - GMI Summary

Pubmed Data : Med J Aust. 2010 Jul 19;193(2):110-3. PMID: [20642419](#)

Article Published Date : Jul 19, 2010

Authors : Mark R Nelson, Helena C Britt, Christopher M Harrison

Study Type : Human Study

Additional Links

Diseases : [Chickenpox](#) : CK(80) : AC(8), [Herpes Zoster](#) : CK(470) : AC(35), [Shingles](#) : CK(521) : AC(33), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Additional Keywords : [Chicken Pox \(Varicella\) Shingles \(Herpes Zoster\) Connection](#) : CK(20) : AC(2)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

Influenza A vaccination containing adjuvant causes cardiac autonomic dysfunction and inflammation which may transiently increase the risk of cardiovascular events. - GMI Summary

Pubmed Data : J Intern Med. 2010 Sep 1. Epub 2010 Sep 1. PMID: [20964738](#)

Article Published Date : Sep 01, 2010

Authors : Gaetano A Lanza, Lucy Barone, Giancarla Scalone, Dario Pitocco, Gregory A Sgueglia, Roberto Mollo, Roberto Nerla, Francesco Zaccardi, Giovanni Ghirlanda, Filippo Crea

Study Type : Human Study

Additional Links

Diseases : [C-Reactive Protein](#) : CK(819) : AC(74), [Cardiovascular Diseases](#) : CK(5138) : AC(641),

[Diabetes Mellitus: Type 2](#) : CK(3492) : AC(341), [Influenza A](#) : CK(305) : AC(73), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Pharmacological Actions : [Interleukin-6 upregulation](#) : CK(26) : AC(7)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

Influenza vaccination does not appear to be effective during pregnancy in preventing hospitalizations and outpatient visits for respiratory illness in pregnant women and their infants. - GMI Summary

Pubmed Data : AmJ Perinatol. 2004 Aug;21(6):333-9. PMID: [15311370](#)

Article Published Date : Aug 01, 2004

Authors : Steven B Black, Henry R Shinefield, Eric K France, Bruce H Fireman, Sharon T Platt, David Shay,

Study Type : Human Study

Additional Links

Diseases : [Pregnancy: Flu : CK\(10\) : AC\(1\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Influenza vaccination does not prevent ischemic stroke and it does not reduce the rate of acute previous infections in stroke patients.](#) - GMI Summary

Pubmed Data : Cerebrovasc Dis. 2008;26(4):339-47. Epub 2008 Aug 27. PMID: [18728360](#)

Article Published Date : Jan 01, 2008

Authors : G Piñol-Ripoll, I de la Puerta, S Santos, F Purroy, E Mostacero

Study Type : Human Study

Additional Links

Diseases : [Stroke: Prevention : CK\(143\) : AC\(20\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza vaccination may increase the risk of Guillain-Barré Syndrome.](#) - GMI Summary

Pubmed Data : Kidney Int. 2008 Dec;74(11):1461-7. Epub 2008 Sep 24. PMID: [18592444](#)

Article Published Date : Dec 01, 2008

Authors : C I Blanco-Marchite, L Buznego-Suárez, M A Fagúndez-Vargas, M Méndez-Llatas, P Pozo-Martos

Study Type : Human Study

Additional Links

Diseases : [Guillain Barre Syndrome: Miller Fisher Variant : CK\(13\) : AC\(2\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Influenza vaccines may be causing vasculitis.](#) - GMI Summary

Pubmed Data : J Ethnopharmacol. 2000 Aug;71(3):457-63. PMID: [19734734](#)

Article Published Date : Aug 01, 2000

Authors : Rainer Birck, Isabelle Kaelsch, Peter Schnuelle, Luis Felipe Flores-Suárez, Rainer Nowack

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza vaccines were not shown to be effective among children 6 to 59 months of age during 2 influenza seasons.](#) - GMI Summary

Pubmed Data : Anticancer Res. 2009 Nov;29(11):4629-32. PMID: [18838647](#)

Article Published Date : Nov 01, 2009

Authors : Peter G Szilagyi, Gerry Fairbrother, Marie R Griffin, Richard W Hornung, Stephanie Donauer, Ardythe Morrow, Mekibib Altaye, Yuwei Zhu, Sandra Ambrose, Kathryn M Edwards, Katherine A Poehling, Geraldine Lofthus, Michol Holloway, Lyn Finelli, Marika Iwane, Mary Allen Staat,

Study Type : Human Study

Additional Links

Diseases : [Childhood Infections : CK\(275\) : AC\(29\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza-related mortality is not prevented with increasing vaccination](#)

coverage. - GMI Summary

Pubmed Data : Vaccine. 2006 Oct 30;24(42-43):6468-75. Epub 2006 Jul 7. PMID: [16876293](#)

Article Published Date : Oct 30, 2006

Authors : Caterina Rizzo, Cécile Viboud, Emanuele Montomoli, Lone Simonsen, Mark A Miller

Study Type : Human Study

Additional Links

Diseases : [Influenza A : CK\(305\) : AC\(73\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Injection site reactions occur in 28% of those who receive the anthrax vaccine, with women having twice the incidence of reaction versus men. - GMI Summary

Pubmed Data : Pharmacoepidemiol Drug Saf. 2007 Mar ;16(3):259-74. PMID: [17245803](#)

Article Published Date : Mar 01, 2007

Authors : Michael M McNeil, I-Shan Chiang, John T Wheeling, Yujia Zhang

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Gender Differences : CK\(63\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

killed cholera vaccination generates an inferior immune response in comparison to patients with naturally acquired cholera. - GMI Summary

Pubmed Data : Clin Vaccine Immunol. 2011 May ;18(5):844-50. Epub 2011 Feb 23. PMID: [21346055](#)

Article Published Date : May 01, 2011

Authors : Mohammad Murshid Alam, M Asrafuzzaman Riyadh, Kaniz Fatema, Mohammad Arif Rahman, Nayeema Akhtar, Tanvir Ahmed, Mohiul Islam Chowdhury, Fahima Chowdhury, Stephen B Calderwood, Jason B Harris, Edward T Ryan, Firdausi Qadri

Study Type : Human Study

Additional Links

Diseases : [Cholera : CK\(27\) : AC\(17\)](#)

Additional Keywords : [Cholera : CK\(27\) : AC\(17\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Cholera : CK\(20\) : AC\(2\)](#)

Measles outbreak in a fully immunized secondary-school population with up to 99 percent vaccination. - GMI Summary

Pubmed Data : N Engl J Med. 1987 Mar 26 ;316(13):771-4. PMID: [3821823](#)

Article Published Date : Mar 25, 1987

Authors : T L Gustafson, A W Lievens, P A Brunell, R G Moellenberg, C M Buttery, L M Sehulster

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Antibody Theory Of Vaccinology : CK\(35\) : AC\(5\)](#), [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

Measles virus DNA from the MMR vaccine has been found in peripheral mononuclear cells in patients with ulcerative colitis and children with autism, indicating its possible role in the pathogenesis of these disorders. - GMI Summary

Pubmed Data : Dig Dis Sci. 2000 Apr;45(4):723-9. PMID: [10759242](#)

Article Published Date : Apr 01, 2000

Authors : H Kawashima, T Mori, Y Kashiwagi, K Takekuma, A Hoshika, A Wakefield

Study Type : Human Study

Additional Links

Diseases : [Autism Spectrum Disorders](#) : CK(1140) : AC(108), [Inflammatory Bowel Diseases](#) : CK(1227) : AC(103), [Ulcerative Colitis](#) : CK(429) : AC(39), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

[Measles, mumps, and rubella catch up immunisation in a measles epidemic did not appear to confer protection and was associated with a variety of new side effects of the vaccine.](#) - GMI Summary

Pubmed Data : BMJ. 1995 Jun 24 ;310(6995):1629-32. PMID: [7795447](#)

Article Published Date : Jun 23, 1995

Authors : R J Roberts, Q D Sandifer, M R Evans, M Z Nolan-Farrell, P M Davis

Study Type : Human Study

Additional Links

Diseases : [Measles](#) : CK(193) : AC(8), [Mumps](#) : CK(41) : AC(1), [Rubella](#) : CK(54) : AC(4)

Additional Keywords : [Vaccine Failure](#) : CK(123) : AC(13)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

[Measles-mumps-rubella vaccine that is given in the second year of life is associated with an increased risk of immune thrombocytopenia purpura.](#) - GMI Summary

Pubmed Data : Pediatrics. 2008 Mar;121(3):e687-92. PMID: [18310189](#)

Article Published Date : Mar 01, 2008

Authors : Eric K France, Jason Glanz, Stanley Xu, Simon Hambidge, Kristi Yamasaki, Steve B Black, Michael Marcy, John P Mullooly, Lisa A Jackson, James Nordin, Edward A Belongia, K Hohman, Robert T Chen, Robert Davis,

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic](#) : CK(800) : AC(24), [Thrombocytopenia](#) : CK(800) : AC(25), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

[MMR vaccination is associated with an increased risk for idiopathic thrombocytopaenic purpura.](#) - GMI Summary

Pubmed Data : Br J Clin Pharmacol. 2003 Jan;55(1):107-11. PMID: [12534647](#)

Article Published Date : Jan 01, 2003

Authors : Corri Black, James A Kaye, Hershel Jick

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic](#) : CK(800) : AC(24), [Thrombocytopenia](#) : CK(800) : AC(25)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

[Myocarditis and pericarditis have been reported following smallpox vaccination in Europe, Australia and the United States.](#) - GMI Summary

Pubmed Data : Clin Infect Dis. 2008 Mar 15;46 Suppl 3:S242-50. PMID: [18284365](#)

Article Published Date : Mar 15, 2008

Authors : Juliette Morgan, Martha H Roper, Laurence Sperling, Richard A Schieber, James D Heffelfinger, Christine G Casey, Jacqueline W Miller, Scott Santibanez, Barbara Herwaldt, Paige Hightower, Pedro L Moro, Beth F Hibbs, Nancy H Levine, Louisa E Chapman, John Iskander, J Michael Lane, Melinda Wharton, Gina T Mootrey, David L Swerdlow

Study Type : Human Study

Additional Links

Diseases : [Myocarditis](#) : CK(54) : AC(8), [Myopericarditis](#) : CK(40) : AC(4), [Pericarditis](#) : CK(35) : AC(5)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Smallpox](#) : CK(71) : AC(8)

[Near complete vaccination coverage for varicella does not prevent outbreaks in those treated.](#) - GMI Summary

Pubmed Data : Pediatrics. 2006 Jun;117(6):e1070-7. PMID: [16740809](#)

Article Published Date : Jun 01, 2006

Authors : Adriana S Lopez, Dalya Guris, Laura Zimmerman, Linda Gladden, Tamara Moore, Dirk T Haselow, Vladimir N Loparev, D Scott Schmid, Aisha O Jumaan, Sandra L Snow

Study Type : Human Study

Additional Links

Diseases : [Varicella](#) : CK(50) : AC(5)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

[Noticeable adverse reactions to the HPV vaccine occurred in 22% of those polled.](#) - GMI Summary

Pubmed Data : Aten Primaria. 2010 Dec 14. Epub 2010 Dec 14. PMID: [21163554](#)

Article Published Date : Dec 14, 2010

Authors : M Amparo Torrecilla Rojas, Miguel Pedregal González, Fermín García Rodríguez, Josefa Ruiz Fernández

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13)

[Paralytic poliomyelitis associated with bivalent oral polio vaccines occurs at a rate over up to 70-fold higher than monovalent oral polio vaccine in Hungary.](#) - GMI Summary

Pubmed Data : Am J Epidemiol. 2011 Aug 1 ;174(3):316-25. Epub 2011 Jun 17. PMID: [21685412](#)

Article Published Date : Jul 31, 2011

Authors : Concepción F Estívariz, Zsuzsanna Molnár, Linda Venczel, Beatrix Kapusinszky, James A Zingeser, Galina Y Lipskaya, Olen M Kew, György Berencsi, Agnes Csohán

Study Type : Human Study

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\)](#) : CK(12) : AC(1), [Poliomyelitis](#) : CK(33) : AC(4), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Oral Polio Vaccine](#) : CK(10) : AC(1), [Vaccination: Oral Polio Vaccine, Bivalent](#) : CK(10) : AC(1), [Vaccination: Polio](#) : CK(94) : AC(15)

[Pertussis vaccination may activate a genetic predisposition for encephalopathy in susceptible individuals.](#) - GMI Summary

Pubmed Data : Cytotechnology. 2002 Nov;40(1-3):139-49. PMID: [20447868](#)

Article Published Date : Nov 01, 2002

Authors : Anne M McIntosh, Jacinta McMahon, Leanne M Dibbens, Xenia Iona, John C Mulley, Ingrid E Scheffer, Samuel F Berkovic

Study Type : Human Study

Additional Links

Diseases : [Dravet syndrome](#) : CK(30) : AC(3), [Encephalitis](#) : CK(23) : AC(4), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Pertussis](#) : CK(116) : AC(14)

[Pertussis vaccine has been linked to hypotonic-hyporesponsive episodes \(HHE\) in infants and children.](#) - GMI Summary

Pubmed Data : Drug Saf. 2002;25(2):85-90. PMID: [11888351](#)

Article Published Date : Jan 01, 2002

Authors : Michael S Gold

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Pneumococcal conjugate vaccine is not effective to prevent ear infections in previously unvaccinated toddlers and children with a history of recurrent ear infections.](#) - GMI Summary

Pubmed Data : Lancet. 2003 Jun 28;361(9376):2189-95. PMID: [12842372](#)

Article Published Date : Jun 28, 2003

Authors : Reinier Veenhoven, Debby Bogaert, Cuno Uiterwaal, Carole Brouwer, Herma Kiezebrink, Jacob Bruin, Ed IJzerman, Peter Hermans, Ronald de Groot, Ben Zegers, Wietse Kuis, Ger Rijkers, Anne Schilder, Elisabeth Sanders

Study Type : Human Study

Additional Links

Diseases : [Ear Infection : CK\(604\) : AC\(33\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Pneumococcal vaccines are ineffective in children with a history of recurrent acute ear infections - Article 2.](#) - GMI Summary

Pubmed Data : Int J Pediatr Otorhinolaryngol. 2006 Feb;70(2):275-85. Epub 2005 Sep 2. PMID: [16140397](#)

Article Published Date : Feb 01, 2006

Authors : Muriel J P van Kempen, Judith S Vermeiren, Mario Vaneechoutte, Geert Claeys, Reinier H Veenhoven, Ger T Rijkers, Elisabeth A M Sanders, Ingeborg J Dhooge

Study Type : Human Study

Additional Links

Diseases : [Pneumococcal Infections : CK\(50\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Pneumococcal vaccines do not appear to reduce the risk of death from pneumonia in adult populations.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2003(4):CD000422. PMID: [14583920](#)

Article Published Date : Jan 01, 2003

Authors : K Dear, J Holden, R Andrews, D Tatham

Study Type : Human Study

Additional Links

Diseases : [Pneumococcal Infections : CK\(50\) : AC\(11\)](#), [Pneumonia : CK\(330\) : AC\(40\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Postlicensure safety surveillance has revealed a disproportionate reporting of syncope and venous thromboembolic events following quadrivalent HPV vaccination.](#) - GMI Summary

Pubmed Data : JAMA. 2009 Aug 19;302(7):750-7. PMID: [19690307](#)

Article Published Date : Aug 19, 2009

Authors : Barbara A Slade, Laura Leidel, Claudia Vellozzi, Emily Jane Woo, Wei Hua, Andrea Sutherland, Hector S Izurieta, Robert Ball, Nancy Miller, M Miles Braun, Lauri E Markowitz, John Iskander

Study Type : Human Study

Additional Links

Diseases : [Syncope : CK\(10\) : AC\(1\)](#), [Thromboembolism : CK\(205\) : AC\(19\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[Primary and secondary vaccine failure may explain the 1992 measles epidemic in Cape Town. - GMI Summary](#)

Pubmed Data : S Afr Med J. 1994 Mar ;84(3):145-9. PMID: [7740350](#)

Article Published Date : Feb 28, 1994

Authors : N Coetzee, G D Hussey, G Visser, P Barron, A Keen

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Prior receipt of seasonal flu vaccine \(2008-09 \)was associated with increased risk of medically attended pandemic H1N1 illness \(2008-09\). - GMI Summary](#)

Pubmed Data : PLoS Med. 2010;7(4):e1000258. Epub 2010 Apr 6. PMID: [20386731](#)

Article Published Date : Jan 01, 2010

Authors : Danuta M Skowronski, Gaston De Serres, Natasha S Crowcroft, Naveed Z Janjua, Nicole Boulianne, Travis S Hottes, Laura C Rosella, James A Dickinson, Rodica Gilca, Pam Sethi, Najwa Ouhoumane, Donald J Willison, Isabelle Rouleau, Martin Petric, Kevin Fonseca, Steven J Drews, Anuradha Rebbapragada, Hugues Charest, Marie-Eve Hamelin, Guy Boivin, Jennifer L Gardy, Yan Li, Trijntje L Kwindt, David M Patrick, Robert C Brunham,

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#)

Additional Keywords : [Immunosuppressive Flu Vaccines : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Rates of intussusception associated with rotavirus vaccines may be significantly underestimated. - GMI Summary](#)

Pubmed Data : J Infect Dis. 2009 Nov 1;200 Suppl 1:S264-70. PMID: [19817607](#)

Article Published Date : Nov 01, 2009

Authors : Margaret M Cortese, Mary Allen Staat, Geoffrey A Weinberg, Kathryn Edwards, Marilyn A Rice, Peter G Szilagyi, Caroline B Hall, Daniel C Payne, Umesh D Parashar

Study Type : Human Study

Additional Links

Diseases : [Intussusception : CK\(30\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[Rotavirus vaccination has been associated with increased risk for gastroenteritis and intussusception. - GMI Summary](#)

Pubmed Data : Pediatrics. 2004 Apr;113(4):e353-9. PMID: [15060267](#)

Article Published Date : Apr 01, 2004

Authors : Penina Haber, Robert T Chen, Lynn R Zanardi, Gina T Mootrey, Roseanne English, M Miles Braun,

Study Type : Human Study

Additional Links

Diseases : [Gastroenteritis : CK\(96\) : AC\(11\)](#), [Intussusception : CK\(30\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[Rotavirus vaccinations have a history of causing adverse effects such as intussusception. - GMI Summary](#)

Pubmed Data : Pediatrics. 2001 Jun;107(6):E97. PMID: [11389295](#)

Article Published Date : Jun 01, 2001

Authors : L R Zanardi, P Haber, G T Mootrey, M T Niu, M Wharton

Study Type : Human Study

Additional Links

Diseases : [Intussusception](#) : CK(30) : AC(3), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Rotavirus](#) : CK(33) : AC(6)

[Seasonal influenza vaccine \(2008-2009\) is associated with an increased risk of influenza-like illness from pandemic H1N1 infection.](#) - GMI Summary

Pubmed Data : Clin Infect Dis. 2010 Nov 1;51(9):1017-1027. PMID: [20887210](#)

Article Published Date : Nov 01, 2010

Authors : Naveed Z Janjua, Danuta M Skowronski, Travis S Hottes, William Osei, Evan Adams, Martin Petric, Suzana Sabaiduc, Tracy Chan, Annie Mak, Marcus Lem, Patrick Tang, David M Patrick, Gaston De Serres, David Bowering

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection](#) : CK(467) : AC(87)

Additional Keywords : [Immunosuppressive Flu Vaccines](#) : CK(20) : AC(2)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

[Serious adverse events associated with whole cell pertussis vaccine, e.g. sudden infant death syndrome and encephalopathy, may have occurred in metabolically vulnerable children.](#) - GMI Summary

Pubmed Data : Pharmazie. 2007 Apr;62(4):299-304. PMID: [19660877](#)

Article Published Date : Apr 01, 2007

Authors : Kumanan Wilson, Beth Potter, Douglas Manuel, Jennifer Keelan, Pranesh Chakraborty

Study Type : Human Study

Additional Links

Diseases : [Encephalopathy: Acute Necrotizing](#) : CK(20) : AC(2), [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Pertussis](#) : CK(116) : AC(14)

[Since the 1993 pertussis epidemic in Cincinnati occurred primarily among children who had been appropriately immunized, it is clear that the whole-cell pertussis vaccine failed to give full protection against the disease.](#) - GMI Summary

Pubmed Data : N Engl J Med. 1994 Jul 7;331(1):16-21. PMID: [8202096](#)

Article Published Date : Jul 07, 1994

Authors : C D Christie, M L Marx, C D Marchant, S F Reising

Study Type : Human Study

Additional Links

Diseases : [Pertussis](#) : CK(142) : AC(14), [Whooping Cough](#) : CK(66) : AC(7)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Pertussis](#) : CK(116) : AC(14)

[Smallpox vaccination has been associated with cardiac complications such as myopericarditis.](#) - GMI Summary

Pubmed Data : South Med J. 2009 May 7. Epub 2009 May 7. PMID: [19434043](#)

Article Published Date : May 07, 2009

Authors : Luis F Mora, Akbar H Khan, Laurence S Sperling

Study Type : Human Study

Additional Links

Diseases : [Myocarditis](#) : CK(54) : AC(8), [Myopericarditis](#) : CK(40) : AC(4), [Pericarditis](#) : CK(35) : AC(5)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Smallpox](#) : CK(71) :

[Smallpox vaccine caused iatrogenic vaccinia in children in Russia. - GMI](#)

Summary

Pubmed Data : Zh Mikrobiol Epidemiol Immunobiol. 2001 Mar-Apr(2):40-5. PMID: [11548257](#)

Article Published Date : Mar 01, 2001

Authors : G G Onishchenko, V I Markov, V N Ustiushin, S V Borisevich, G I Kuznetsova, S Ia Loginova, A M Berezhnoi, N T Vasil'ev, V A Maksimov, A A Makhlaï

Study Type : Human Study

Additional Links

Diseases : [Smallpox : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vaccinia virus : CK\(22\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Sudden infant death syndrome and DTP vaccine timing may be linked. - GMI](#)

Summary

Pubmed Data : Otol Neurotol. 2002 Jul;23(4):447-51. PMID: [6835859](#)

Article Published Date : Jul 01, 2002

Authors : L J Baraff, W J Ablon, R C Weiss

Study Type : Human Study

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Sudden Infant Death syndrome mortality rate in the period zero to three days following DTP was found to be 7.3 times higher than in the period 30 days after immunization. - GMI Summary](#)

Pubmed Data : Am J Public Health. 1987 Aug;77(8):945-51. PMID: [3496805](#)

Article Published Date : Aug 01, 1987

Authors : A M Walker, H Jick, D R Perera, R S Thompson, T A Knauss

Study Type : Human Study

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Swine and influenza vaccines induce anti-ganglioside antibodies associated with autoimmune neuropathies such as Guillain-Barre syndrome. - GMI Summary](#)

Pubmed Data : J Infect Dis. 2008 Jul 15;198(2):226-33. PMID: [18522505](#)

Article Published Date : Jul 15, 2008

Authors : Irving Nachamkin, Sean V Shadomy, Anthony P Moran, Nancy Cox, Collette Fitzgerald, Huong Ung, Adrian T Corcoran, John K Iskander, Lawrence B Schonberger, Robert T Chen

Study Type : Human Study

Additional Links

Diseases : [Acute Autoimmune Neuropathy : CK\(104\) : AC\(2\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Influenza Vaccine : CK\(10\) : AC\(1\)](#), [Swine Flu Vaccine : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Symptomatic Gulf War Syndrome is strongly associated with the presence of autoantibodies to squalene, an adjuvant used in vaccines. - GMI Summary](#)

Pubmed Data : Exp Mol Pathol. 2000 Feb;68(1):55-64. PMID: [10640454](#)

Article Published Date : Feb 01, 2000

Authors : P B Asa, Y Cao, R F Garry

Study Type : Human Study

Additional Links

Diseases : [Gulf War Syndrome](#) : CK(33) : AC(5), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Anthrax](#) : CK(62) : AC(8)

[Systemic lupus erythematosus related to hepatitis B vaccine has been reported.](#) **- GMI Summary**

Pubmed Data : Lupus. 2009 Nov;18(13):1192-7. PMID: [19880567](#)

Article Published Date : Nov 01, 2009

Authors : N Agmon-Levin, Y Zafrir, Z Paz, T Shilton, G Zandman-Goddard, Y Shoenfeld

Study Type : Human Study

Additional Links

Diseases : [Systemic Lupus Erythematosus](#) : CK(387) : AC(54)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[The anthrax vaccine is one of the most reactogenic vaccines reported in the Vaccine Adverse Events Reporting System \(VAERS\) database.](#) **- GMI Summary**

Pubmed Data : Hepatogastroenterology. 2004 May-Jun;51(57):762-7. PMID: [15143911](#)

Article Published Date : May 01, 2004

Authors : Mark R Geier, David A Geier

Study Type : Human Study

Additional Links

Diseases : [Anthrax](#) : CK(43) : AC(6), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Anthrax](#) : CK(62) : AC(8)

[The association with DTwP vaccines and increased infant mortality in females may be due to vaccine adjuvants and Th2 polarizing effects.](#) **- GMI Summary**

Pubmed Data : J Trop Med. 2011 ;2011:706304. Epub 2011 May 5. PMID: [21760811](#)

Article Published Date : Jan 01, 2011

Authors : Mogens Helweg Claesson

Study Type : Human Study

Additional Links

Diseases : [Immune Dysregulation: TH1/TH2 imbalance](#) : CK(146) : AC(36), [Infant Mortality](#) : CK(229) : AC(23), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Pertussis](#) : CK(116) : AC(14), [Vaccination: Tetanus](#) : CK(48) : AC(8), [Vaccination: Diphtheria](#) : CK(50) : AC(2)

Problem Substances : [Adjuvant](#) : CK(18) : AC(6), [Aluminum Hydroxide](#) : CK(56) : AC(14), [Vaccine Adjuvants](#) : CK(383) : AC(77)

[The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects.](#) **- GMI Summary**

Pubmed Data : J Radiol Prot. 2009 Sep;29(3):429-43. Epub 2009 Aug 18. PMID: [20166340](#)

Article Published Date : Sep 01, 2009

Authors : Elena Shneyer, Avshalom Strulov, Yaakov Rosenfeld

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Combinations](#) : CK(20) : AC(2), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Haemophilus Influenzae](#) : CK(32) : AC(4), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26), [Vaccination: Polio](#) : CK(94) : AC(15)

[The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein \(the protective coating of the nerves\) contributing](#)

[to the pathogenesis of autism.](#) - GMI Summary

Pubmed Data : J Biomed Sci. 2002 Jul-Aug;9(4):359-64. PMID: [12145534](#)

Article Published Date : Jul 01, 2002

Authors : Vijendra K Singh, Sheren X Lin, Elizabeth Newell, Courtney Nelson

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[The occurrence of secondary vaccine failure and vaccine-modified measles in the United States may lead to underreporting of measles cases and result in overestimation of vaccine efficacy in h](#) - GMI Summary

Pubmed Data : JAMA. 1990 May 9 ;263(18):2467-71. PMID: [2278542](#)

Article Published Date : May 08, 1990

Authors : M B Edmonson, D G Addiss, J T McPherson, J L Berg, S R Circo, J P Davis

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[The oral polio vaccine is unlikely to be able to eradicate polio from India.](#) - GMI Summary

Pubmed Data : Vaccine. 2008 Apr 16 ;26(17):2058-61. Epub 2008 Mar 14. PMID: [18378367](#)

Article Published Date : Apr 16, 2008

Authors : Yash Paul

Study Type : Human Study

Additional Links

Diseases : [Polio : CK\(19\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[The risk of miscarriage increases following HPV vaccination.](#) - GMI Summary

Pubmed Data : BMJ. 2010;340:c712. Epub 2010 Mar 2. PMID: [20197322](#)

Article Published Date : Jan 01, 2010

Authors : Sholom Wacholder, Bingshu Eric Chen, Allen Wilcox, George Macones, Paula Gonzalez, Brian Befano, Allan Hildesheim, Ana Cecilia Rodríguez, Diane Solomon, Rolando Herrero, Mark Schiffman,

Study Type : Human Study

Additional Links

Diseases : [Cervical Cancer : CK\(368\) : AC\(69\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[The vaccine adjuvant squalene in anthrax vaccines given to soldiers in the Gulf War resulted in the formation of antibodies to squalene which are associated with Gulf War Syndrome.](#) - GMI Summary

Pubmed Data : Neuropharmacology. 2011 Feb-Mar;60(2-3):252-8. Epub 2010 Sep 22. PMID: [12127050](#)

Article Published Date : Feb 01, 2011

Authors : Pamela B Asa, Russell B Wilson, Robert F Garry

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Gulf War Syndrome : CK\(33\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

The way that the effectiveness of HPV vaccines are framed influences whether or not respondents believe they are effective and their acceptance level of vaccine mandate policies. - GMI Summary

Pubmed Data : Patient Educ Couns. 2010 Sep 17. Epub 2010 Sep 17. PMID: [20851560](#)

Article Published Date : Sep 17, 2010

Authors : Cabral A Bigman, Joseph N Cappella, Robert C Hornik

Study Type : Human Study

Additional Links

Diseases : [HPV : CK\(31\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

There is a positive association between autism prevalence and childhood vaccination uptake across the U.S. population. - GMI Summary

Pubmed Data : J Toxicol Environ Health A. 2011 Jan ;74(14):903-16. PMID: [21623535](#)

Article Published Date : Jan 01, 2011

Authors : Gayle DeLong

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

There were 69 reports of Guillain-Barré Syndrome (GBS) after Gardasil vaccination that occurred in the United States between 2006 and 2009. - GMI Summary

Pubmed Data : Vaccine. 2010 Sep 23. Epub 2010 Sep 23. PMID: [20869467](#)

Article Published Date : Sep 23, 2010

Authors : Nizar Souayah, P A Michas-Martin, Abu Nasar, Nataliya Krivitskaya, Hussam A Yacoub, Hafiz Khan, Adnan I Qureshi

Study Type : Human Study

Additional Links

Diseases : [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

Thirty-five percent of children with juvenile idiopathic arthritis experienced flare of the disease after vaccination. - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2012 Mar 15. Epub 2012 Mar 15. PMID: [22513085](#)

Article Published Date : Mar 15, 2012

Authors : Natasa Toplak, Vesna Subelj, Tanja Kveder, Sasa Cucnik, Katarina Prosenec, Alenka Trampus-Bakija, Ljupco Todorovski, Tadej Avcin

Study Type : Human Study

Additional Links

Diseases : [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

Thrombocytopenic purpura following vaccination in early childhood has been reported. - GMI Summary

Pubmed Data : J Chin Med Assoc. 2010 Dec;73(12):634-7. PMID: [21145511](#)

Article Published Date : Dec 01, 2010

Authors : Yuh-Lin Hsieh, Lung-Huang Lin

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Unvaccinated children tended to be white, to have a mother who was married and had a college degree, to live in a household with an annual income exceeding 75,000 dollars, and to have parents who expressed concerns regarding the safety of vaccines.](#) - GMI Summary

Pubmed Data : Pediatrics. 2004 Jul;114(1):187-95. PMID: [15231927](#)

Article Published Date : Jul 01, 2004

Authors : Philip J Smith, Susan Y Chu, Lawrence E Barker

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination for DPT, Hepatitis B and influenza has been reported to be associated with the development of erythema multiforme in an infant.](#) - GMI Summary

Pubmed Data : Indian J Dermatol Venereol Leprol. 2008 May-Jun;74(3):251-3. PMID: [18583795](#)

Article Published Date : May 01, 2008

Authors : Sarvjit Kaur, Sanjeev Handa

Study Type : Human Study

Additional Links

Diseases : [Erythema : CK\(44\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Vaccinated children and adults may serve as reservoirs for silent pertussis infection and become potential transmitters to unprotected infants.](#) - GMI Summary

Pubmed Data : Emerg Infect Dis. 2000 Sep-Oct;6(5):526-9. PMID: [10998384](#)

Article Published Date : Sep 01, 2000

Authors : I Srugo, D Benilevi, R Madeb, S Shapiro, T Shohat, E Somekh, Y Rimmar, V Gershtein, R Gershtein, E Marva, N Lahat

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Additional Keywords : [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Vaccination can precipitate lupus erythematosus.](#) - GMI Summary

Pubmed Data : Semin Arthritis Rheum. 1999 Dec;29(3):131-9. PMID: [10622677](#)

Article Published Date : Dec 01, 1999

Authors : S A Older, D F Battafarano, R J Enzenauer, A M Krieg

Study Type : Human Study

Additional Links

Diseases : [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination for rabies, varicella or Lyme disease may result in acute or subacute post-vaccination small fiber neuropathy.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7322-5. Epub 2009 Oct 4. PMID: [19808027](#)

Article Published Date : Dec 09, 2009

Authors : Nizar Souayah, Senda Ajroud-Driss, Howard W Sander, Thomas H Brannagan, Arthur P Hays, Russell L Chin

Study Type : Human Study

Additional Links

Diseases : [Lyme Disease : CK\(32\) : AC\(9\)](#), [Neuropathy: Small Fiber : CK\(10\) : AC\(1\)](#), [Rabies : CK\(13\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Vaccination is associated with thrombocytopenic purpura in children.](#) - GMI Summary

Pubmed Data : Vaccine. 2007 Feb 26;25(10):1838-40. Epub 2006 Nov 9. PMID: [17126957](#)

Article Published Date : Feb 26, 2007

Authors : J Rajantie, B Zeller, I Treutiger, S Rosthøj,

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination timing and co-administration may be associated with increased mortality, especially in females.](#) - GMI Summary

Pubmed Data : Vaccine. 2006 May 29;24(22):4701-8. Epub 2006 Mar 31. PMID: [16621182](#)

Article Published Date : May 29, 2006

Authors : Peter Aaby, Henrik Jensen, Gijs Walraven

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Vaccination with measles after DTP and polio vaccine is associated with 2-fold increase in female mortality.](#) - GMI Summary

Pubmed Data : *Pediatr Infect Dis J*. 2007 Mar;26(3):247-52. PMID: [17484223](#)

Article Published Date : Mar 01, 2007

Authors : Peter Aaby, May-Lill Garly, Jens Nielsen, Henrik Ravn, Cesario Martins, Carlitos Balé, Amabelia Rodrigues, Christine Stabell Benn, Ida Maria Lisse

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Vaccination-associated adverse events occur in approximately 1 of every 6 toddlers receiving measles-mumps-rubella vaccine dose 1, with high fever occurring in 1 of 20](#) - GMI Summary

Pubmed Data : *Pediatrics*. 2006 Oct;118(4):1422-30. PMID: [17015532](#)

Article Published Date : Oct 01, 2006

Authors : Charles W LeBaron, Daoling Bi, Bradley J Sullivan, Carol Beck, Paul Gargiullo

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Varicella vaccine has been reported to cause herpes zoster skin lesions and meningitis in a previously healthy boy. - GMI Summary](#)

Pubmed Data : J Infect Dis. 2008 Nov 15;198(10):1444-7. PMID: [18826373](#)

Article Published Date : Nov 15, 2008

Authors : Myron J Levin, Roberta L DeBiasi, Vanda Bostik, D Scott Schmid

Study Type : Human Study

Additional Links

Diseases : [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Meningitis: Viral : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Varicella outbreaks occur in vaccinated populations, even when receiving 2 doses. - GMI Summary](#)

Pubmed Data : Pediatr Infect Dis J. 2009 Aug;28(8):678-81. PMID: [19593254](#)

Article Published Date : Aug 01, 2009

Authors : Philip L Gould, Jessica Leung, Connie Scott, D Scott Schmid, Helen Deng, Adriana Lopez, Sandra S Chaves, Meredith Reynolds, Linda Gladden, Rafael Harpaz, Sandra Snow

Study Type : Human Study

Additional Links

Diseases : [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine has been associated with viremia and streptococcal toxic shock syndrome. - GMI Summary](#)

Pubmed Data : Med J Aust. 2009 Apr 20;190(8):451-3. PMID: [19374621](#)

Article Published Date : Apr 20, 2009

Authors : Claire M Italiano, Cheryl S Toi, Simon P Chan, Dominic E Dwyer

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Viremia : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine has been reported to cause chronic, acyclovir-resistant herpes zoster infection in an immunosuppressed child. - GMI Summary](#)

Pubmed Data : J Infect Dis. 2003 Oct 1;188(7):954-9. Epub 2003 Sep 26. PMID: [14513413](#)

Article Published Date : Oct 01, 2003

Authors : Myron J Levin, Karen M Dahl, Adriana Weinberg, Roger Giller, Amita Patel, Philip R Krause

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Additional Keywords : [Acyclovir-Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine has been reported to viral meningitis in an immunocompetent child. - GMI Summary](#)

Pubmed Data : Ann Emerg Med. 2009 Jun;53(6):792-5. Epub 2008 Nov 22. PMID: [19028409](#)

Article Published Date : Jun 01, 2009

Authors : Sujit Iyer, Manoj K Mittal, Richard L Hodinka

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Meningitis: Viral : CK\(20\) : AC\(2\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Additional Keywords : [Undefined : CK\(14\) : AC\(3\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine may be associated with aplastic anemia in children. - GMI Summary](#)

Pubmed Data : [Pediatr Infect Dis J. 2009 Aug;28\(8\):746-8. PMID: 19633522](#)

Article Published Date : Aug 01, 2009

Authors : Paola Angelini, Fotini Kavadas, Navneet Sharma, Susan E Richardson, Graham Tipples, Chaim Roifman, Yigal Dror, Yehuda Nofech-Mozes

Study Type : Human Study

Additional Links

Diseases : [Anemia: Aplastic : CK\(30\) : AC\(3\)](#), [Chickenpox : CK\(80\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine virus can be contagious and infect others - Article 2. - GMI Summary](#)

Pubmed Data : [J Infect Dis. 1997 Oct;176\(4\):1072-5. PMID: 9333170](#)

Article Published Date : Oct 01, 1997

Authors : P LaRussa, S Steinberg, F Meurice, A Gershon

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine virus can be contagious and infect others. - GMI Summary](#)

Pubmed Data : [Homeopathy. 2009 Apr;98\(2\):77-82. PMID: 9255208](#)

Article Published Date : Apr 01, 2009

Authors : M B Salzman, R G Sharrar, S Steinberg, P LaRussa

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella-zoster vaccine has been linked to herpes zoster ophthalmicus and encephalitis as possible, though rare side effects. - GMI Summary](#)

Pubmed Data : [Pediatrics. 2010 Apr;125\(4\):e969-72. Epub 2010 Mar 1. PMID: 20194287](#)

Article Published Date : Apr 01, 2010

Authors : Giorgos Chouliaras, Vana Spoulou, Mark Quinlivan, Judith Breuer, Maria Theodoridou

Study Type : Human Study

Additional Links

Diseases : [Encephalitis : CK\(23\) : AC\(4\)](#), [Herpes: Ocular : CK\(12\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Whole cell pertussis vaccines may have been causing serious neurological disorders. - GMI Summary](#)

Pubmed Data : [Brain Dev. 2004 Aug;26\(5\):296-300. PMID: 15165669](#)

Article Published Date : Aug 01, 2004

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Infant Neurological Development : CK\(46\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)
Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Widening influenza vaccine coverage is not correleated with declining mortality rates in any age group. The benefits of vaccination are substantially overestimated.](#) - GMI Summary

Pubmed Data : Arch Intern Med. 2005 Feb 14;165(3):265-72. PMID: [15710788](#)

Article Published Date : Feb 14, 2005

Authors : Lone Simonsen, Thomas A Reichert, Cecile Viboud, William C Blackwelder, Robert J Taylor, Mark A Miller

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Influenza A : CK\(305\) : AC\(73\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Zinc supplementation has a beneficial effect on malaise, one of the influenza vaccine associated adverse events, and decrease serum TNF- \$\alpha\$ levels.](#) - GMI Summary

Pubmed Data : J Trace Elem Med Biol. 2011 Apr 21. Epub 2011 Apr 21. PMID: [21514808](#)

Article Published Date : Apr 21, 2011

Authors : S Songül Yalçın, Defne Engür-Karasınav, Dursun Alehan, Kadriye Yurdakök, Süheyla Ozkutlu, Turgay Coşkun

Study Type : Human Study

Additional Links

Substances : [Zinc : CK\(870\) : AC\(127\)](#)

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(971\) : AC\(348\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[A case of extensive ulcerating vasculitis following a BCG vaccination has been reported.](#) - GMI Summary

Pubmed Data : J Plast Reconstr Aesthet Surg. 2009 Aug;62(8):e286-9. Epub 2007 Dec 31. PMID: [18166508](#)

Article Published Date : Aug 01, 2009

Authors : A Ghattaura, K A Eley, E Molenaar, G Smith

Study Type : Human: Case Report

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#)

[A case of innfluenza vaccine induced have necrotizing glomerulonephritis in decursu vasculitis has been reported.](#) - GMI Summary

Pubmed Data : Pol Merkur Lekarski. 2005 Jul;19(109):75-7. PMID: [16194032](#)

Article Published Date : Jul 01, 2005

Authors : Lidia Hyla-Klekot, Grazyna Kucharska, Witold Cieslak

Study Type : Human: Case Report

Additional Links

Diseases : [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[A case of lethal inflammatory polyradiculoneuropathy with spinal cord involvement after hepatitis B vaccination. - GMI Summary](#)

Pubmed Data : J Neurol Sci. 2001 May 1;186(1-2):81-5. PMID: [11412876](#)

Article Published Date : May 01, 2001

Authors : E Sindern, J M Schröder, M Krismann, J P Malin

Study Type : Human: Case Report

Additional Links

Diseases : [Acute Inflammatory Demyelinating Polyradiculoneuropathy : CK\(87\) : AC\(1\)](#),

[Polyradiculoneuropathy: Acute Inflammatory : CK\(87\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[A case of lethal status epilepticus and lymphocytic pneumonitis has been reported. - GMI Summary](#)

Pubmed Data : Eur J Intern Med. 2008 Jul;19(5):383-5. Epub 2007 Dec 4. PMID: [18549949](#)

Article Published Date : Jul 01, 2008

Authors : Jozélio Freire de Carvalho, Yehuda Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Epilepsy : CK\(128\) : AC\(27\)](#), [Pneumonitis : CK\(18\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[A case of sudden infant death associated with hexavalent immunization has been reported. - GMI Summary](#)

Pubmed Data : Forensic Sci Int. 2008 Aug 6;179(2-3):e25-9. Epub 2008 Jun 6. PMID: [18538957](#)

Article Published Date : Aug 06, 2008

Authors : Stefano D'Errico, Margherita Neri, Irene Riezzo, Giuseppina Rossi, Cristoforo Pomara, Emanuela Turillazzi, Vittorio Fineschi

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hexavalent : CK\(6\) : AC\(2\)](#)

[Acute posterior multifocal placoid pigment epitheliopathy after hepatitis B vaccine has been reported. - GMI Summary](#)

Pubmed Data : Arch Ophthalmol. 1995 Mar;113(3):297-300. PMID: [7887843](#)

Article Published Date : Mar 01, 1995

Authors : A P Brézin, P Massin-Korobelnik, M Boudin, A Gaudric, P LeHoang

Study Type : Human: Case Report

Additional Links

Diseases : [Acute Posterior Multifocal Placoid Pigment Epitheliopathy \(APMPPE\) : CK\(3\) : AC\(1\)](#), [Chorioretinitis : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Acute transverse myelitis after influenza vaccination has been reported. - GMI Summary](#)

Pubmed Data : J Neuroimaging. 1996 Oct;6(4):248-50. PMID: [8903080](#)

Article Published Date : Oct 01, 1996

Authors : R Bakshi, J C Mazziotta

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) :](#)

[Allergy to viral and rickettsial vaccines; review of the literature.](#) - GMI Summary

Pubmed Data : Ann Allergy. 1950 Sep-Oct;8(5):699-707. PMID: [14800166](#)

Authors : S UNTRACHT, B RATNER

Study Type : Human: Case Report

Additional Links

Diseases : [Allergies : CK\(502\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Autoimmune hemolytic anemia following MF59-adjuvanted influenza vaccine has been reported.](#) - GMI Summary

Pubmed Data : Ann Pharmacother. 2011 Jan;45(1):e8. Epub 2010 Dec 28. PMID: [21189364](#)

Article Published Date : Jan 01, 2011

Authors : Sabrina Montagnani, Marco Tuccori, Giuseppe Lombardo, Arianna Testi, Stefania Mantarro, Elisa Ruggiero, Corrado Blandizzi

Study Type : Human: Case Report

Additional Links

Diseases : [Hemolytic Anemia : CK\(75\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Bell's palsy is a possible complication of hepatitis B vaccination in children.](#) - GMI Summary

Pubmed Data : J Health Popul Nutr. 2009 Oct;27(5):707-8. PMID: [19902808](#)

Article Published Date : Oct 01, 2009

Authors : Handan Alp, Hüseyin Tan, Zerrin Orbak

Study Type : Human: Case Report

Additional Links

Diseases : [Bell's Palsy : CK\(13\) : AC\(3\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Cutaneous lupus erythematosus and buccal aphthosis after hepatitis B vaccination has been reported in a 6-year-old child\]](#) - GMI Summary

Pubmed Data : Ann Dermatol Venereol. 1996;123(10):657-9. PMID: [9615128](#)

Article Published Date : Jan 01, 1996

Authors : P Grézar, M Chefaï, V Philippot, H Perrot, M Faisant

Study Type : Human: Case Report

Additional Links

Diseases : [Aphthosis: Buccal : CK\(3\) : AC\(1\)](#), [Lupus Erythematosus: Cutaneous : CK\(17\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Deep morphea after vaccination in two young children has been reported.](#) - GMI Summary

Pubmed Data : Pediatr Dermatol. 2006 Sep-Oct;23(5):484-7. PMID: [17014648](#)

Article Published Date : Sep 01, 2006

Authors : Antonio Torrelo, José Suárez, Isabel Colmenero, Daniel Azorín, Antonio Perera, Antonio Zambrano

Study Type : Human: Case Report

Additional Links

Diseases : [Morphea profunda : CK\(3\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Delayed focal lipomatrophy after AS03-adjuvanted influenza A (H1N1) 2009 vaccine has been reported. - GMI Summary

Pubmed Data : Vaccine. 2010 Dec 17. Epub 2010 Dec 17. PMID: [21172376](#)

Article Published Date : Dec 17, 2010

Authors : Emilie Javelle, Benjamin Soulier, Christian Brosset, Solène Lorcy, Fabrice Simon

Study Type : Human: Case Report

Additional Links

Diseases : [Lipoatrophy](#) : CK(3) : AC(1), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

Development of fulminant Type 1 diabetes with thrombocytopenia after influenza vaccination has been observed. - GMI Summary

Pubmed Data : Diabet Med. 2011 Jul 22. Epub 2011 Jul 22. PMID: [21781156](#)

Article Published Date : Jul 22, 2011

Authors : H Yasuda, M Nagata, H Moriyama, H Kobayashi, T Akisaki, H Ueda, K Hara, K Yokono

Study Type : Human: Case Report

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Diabetes Mellitus: Type 1](#) : CK(1107) : AC(218), [Thrombocytopenia](#) : CK(800) : AC(25), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

Guillain-Barré syndrome following H1N1 immunization in a pediatric patient has been reported. - GMI Summary

Pubmed Data : Ann Pharmacother. 2010 Jul-Aug;44(7-8):1330-3. Epub 2010 May 18. PMID: [20484170](#)

Article Published Date : Jul 01, 2010

Authors : Marie-Eve Tremblay, Aurélie Closon, Guy D'Anjou, Jean-François Bussières

Study Type : Human: Case Report

Additional Links

Diseases : [Childhood Infections](#) : CK(275) : AC(29), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Influenza](#) : CK(654) : AC(102), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

Guillain-Barré syndrome following hepatitis B vaccination has been reported. - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2004 Nov-Dec;22(6):767-70. PMID: [15638054](#)

Article Published Date : Nov 01, 2004

Authors : M Khamaisi, Y Shoenfeld, H Orbach

Study Type : Human: Case Report

Additional Links

Diseases : [Guillain-Barre Syndrome](#) : CK(84) : AC(14)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

H1N1 vaccination has been linked to possible new-onset seizure. - GMI Summary

Pubmed Data : Pharmacotherapy. 2011 Jan;31(1):113. PMID: [21182364](#)

Article Published Date : Jan 01, 2011

Authors : [No authors listed]

Study Type : Human: Case Report

Additional Links

Diseases : [Influenza](#) : CK(654) : AC(102), [Seizures](#) : CK(122) : AC(28)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

Hepatitis B vaccination has been linked to anaphylactic shock and death in infants. - GMI Summary

Pubmed Data : Adv Exp Med Biol. 1990;272:183-95. PMID: [20077677](#)

Article Published Date : Jan 01, 1990

Authors : Fu-Zhen Wang, Fu-Qiang Cui, Da-Wei Liu

Study Type : Human: Case Report

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hepatitis B vaccine associated with dermatomyositis has been reported. - GMI Summary

Pubmed Data : Rheumatol Int. 2008 Apr;28(6):609-12. Epub 2007 Nov 23. PMID: [18034245](#)

Article Published Date : Apr 01, 2008

Authors : Arie Altman, Martine Szyper-Kravitz, Yehuda Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Dermatomyositis : CK\(44\) : AC\(10\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hepatitis B vaccine may induce myelitis in susceptible individuals. - GMI Summary

Pubmed Data : Eur J Neurol. 2001 Nov;8(6):711-5. PMID: [11784358](#)

Article Published Date : Nov 01, 2001

Authors : F Karaali-Savrun, A Altintas, S Saip, A Siva

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Immune-mediated myelitis following hepatitis B vaccination has been reported. - GMI Summary

Pubmed Data : Autoimmun Rev. 2012 Apr 1. Epub 2012 Apr 1. PMID: [22498789](#)

Article Published Date : Apr 01, 2012

Authors : Joerg-Patrick Stübgen

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

In 1985 twin boys simultaneously succumbed to sudden unexpected deaths two to three hours after vaccination with diphtheria, tetanus, and pertussis vaccine (DTP). - GMI Summary

Pubmed Data : Arch Dis Child. 1987 Jul;62(7):754-9. PMID: [3498443](#)

Article Published Date : Jul 01, 1987

Authors : S C Roberts

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-](#)

[Influenza vaccination has been reported to cause miller fisher syndrome. - GMI Summary](#)

Pubmed Data : Arch Neurol. 2011 Oct ;68(10):1327-9. PMID: [21987549](#)

Article Published Date : Oct 01, 2011

Authors : Ashkan Shoamanesh, Kristine Chapman, Anthony Traboulsee

Study Type : Human: Case Report

Additional Links

Diseases : [Guillain Barre Syndrome: Miller Fisher Variant : CK\(13\) : AC\(2\)](#), [Miller Fisher Syndrome : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza vaccine has been reported to be a possible trigger of rhabdomyolysis induced acute renal failure in those taking statin drugs. - GMI Summary](#)

Pubmed Data : Nephrol Dial Transplant. 2000 May ;15(5):740-1. PMID: [10809833](#)

Article Published Date : May 01, 2000

Authors : E Plotkin, J Bernheim, S Ben-Chetrit, A Mor, Z Korzets

Study Type : Human: Case Report

Additional Links

Diseases : [Rhabdomyolysis : CK\(165\) : AC\(38\)](#), [Statin-Induced Pathologies : CK\(1570\) : AC\(315\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Problem Substances : [Statin Drugs : CK\(3969\) : AC\(465\)](#)

Adverse Pharmacological Actions : [Myotoxicity : CK\(317\) : AC\(79\)](#)

[Optic neuritis following hepatitis B vaccination has been reported. n - GMI Summary](#)

Pubmed Data : J Chin Med Assoc. 2009 Nov;72(11):594-7. PMID: [19948437](#)

Article Published Date : Nov 01, 2009

Authors : Muferet Erguven, Sirin Guven, Umit Akyuz, Olcay Bilgiç, Fuat Laloglu

Study Type : Human: Case Report

Additional Links

Diseases : [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Possible systemic lupus erythematosus following HPV immunization has been reported. - GMI Summary](#)

Pubmed Data : Lupus. 2012 ;21(2):158-61. PMID: [22235047](#)

Article Published Date : Jan 01, 2012

Authors : Hf Soldevilla, Sfr Briones, Sv Navarra

Study Type : Human: Case Report

Additional Links

Diseases : [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[ransverse myelitis has been reported in association with a nasal attenuated novel influenza A\(H1N1\) vaccine. - GMI Summary](#)

Pubmed Data : Arch Neurol. 2010 Aug;67(8):1018-20. PMID: [20697056](#)

Article Published Date : Aug 01, 2010

Authors : Wafa Akkad, Bassel Salem, Jerome W Freeman, Mark K Huntington

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Nasal : CK\(3\) : AC\(1\)](#)

[Simultaneous sudden infant death syndrome has been reported in twins two days after receiving mutiple vaccinations.](#) - GMI Summary

Pubmed Data : J Forensic Leg Med. 2007 Feb;14(2):87-91. PMID: [17654772](#)

Article Published Date : Feb 01, 2007

Authors : Yasemin Balci, Mehmet Tok, B Kenan Kocaturk, Cinar Yenilmez, Coşkun Yirulmaz

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Sudden infant death syndrome \(SIDS\) shortly after hexavalent vaccination has been reported.](#) - GMI Summary

Pubmed Data : Virchows Arch. 2006 Jan;448(1):100-4. Epub 2005 Oct 18. PMID: [16231176](#)

Article Published Date : Jan 01, 2006

Authors : Giulia Ottaviani, Anna Maria Lavezzi, Luigi Maturri

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hexavalent : CK\(6\) : AC\(2\)](#)

[Systemic lupus erythematosus has been triggered by hepatitis B vaccine.](#) - GMI Summary

Pubmed Data : Clin Nephrol. 2010 Aug;74(2):150-3. PMID: [20630136](#)

Article Published Date : Aug 01, 2010

Authors : D Santoro, G Vita, R Vita, A Mallamace, V Savica, G Bellinghieri, S Benvenga, S Gangemi

Study Type : Human: Case Report

Additional Links

Diseases : [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[The pathogenic role of aluminium hydroxide is now recognized by the presence of chronic fatigue syndrome, macrophagic myofasciitis and subcutaneous pseudolymphoma, linked to intramuscular injection of aluminium hydroxide-containing vaccines.](#) - GMI Summary

Pubmed Data : J Trace Elem Med Biol. 2012 Mar 14. Epub 2012 Mar 14. PMID: [22425036](#)

Article Published Date : Mar 14, 2012

Authors : Olivier Guillard, Bernard Fauconneau, Alain Pineau, Annie Marraud, Jean-Pierre Bellocq, Marie-Pierre Chenard

Study Type : Human: Case Report, Review

Additional Links

Diseases : [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Pseudolymphoma : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

Adverse Pharmacological Actions : [Immunotoxic : CK\(230\) : AC\(38\)](#)

[The psychic reactions following injections of bacterial vaccines.](#) - GMI Summary

Pubmed Data : Int Arch Allergy Appl Immunol. 1950 ;1(3):226-43. PMID: [14794265](#)

Authors : J ILAVSKY

Study Type : Human: Case Report

Additional Links

Diseases : [Psychiatric Disorders : CK\(71\) : AC\(10\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination as a probable cause of incontinentia pigmenti reactivation has been reported.](#) - GMI Summary

Pubmed Data : Pediatr Dermatol. 2010 Jan-Feb;27(1):62-4. PMID: [20199413](#)

Article Published Date : Jan 01, 2010

Authors : Ali Alikhan, Andrew D Lee, Donald Swing, Christie Carroll, Gil Yosipovitch

Study Type : Human: Case Report

Additional Links

Diseases : [Incontinentia Pigmenti : CK\(3\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[A vaccine developed for bison resulted in inducing placentitis and abortion in pregnant cows.](#) - GMI Summary

Pubmed Data : Am J Vet Res. 1996 Nov;57(11):1604-7. PMID: [8915438](#)

Article Published Date : Nov 01, 1996

Authors : M V Palmer, S C Olsen, M J Gilsdorf, L M Philo, P R Clarke, N F Cheville

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#),

[Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Adult rubella and adult hepatitis B vaccines were statistically associated with chronic arthritis which persisted for at least one year.](#) - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2002 Nov-Dec;20(6):767-71. PMID: [12508767](#)

Article Published Date : Nov 01, 2002

Authors : D A Geier, M R Geier

Study Type : Animal Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Rheumatoid](#)

[Arthritis : CK\(424\) : AC\(64\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination.](#) - GMI Summary

Pubmed Data : J Neurosci Res. 2001 Sep 1;65(5):446-54. PMID: [11536329](#)

Article Published Date : Sep 01, 2001

Authors : C Besson Duvanel, P Honegger, J M Matthieu

Study Type : Animal Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rubella](#)

[: CK\(54\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Contraceptive vaccines are being developed.](#) - GMI Summary

Pubmed Data : Mol Reprod Dev. 2012 Feb ;79(2):97-106. Epub 2011 Dec 2. PMID: [22139866](#)

Article Published Date : Feb 01, 2012

Authors : Angela R Lemons, Rajesh K Naz

Study Type : Animal Study

Additional Links

Additional Keywords : [Contraceptive Vaccines : CK\(6\) : AC\(3\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Experimental in utero inoculation of late-term swine fetuses with porcine circovirus type 2 results in a high rate of reproductive abnormalities, including mummification and stillbirth.](#) - GMI Summary

Pubmed Data : J Vet Diagn Invest. 2002 Nov;14(6):507-12. PMID: [12423036](#)

Article Published Date : Nov 01, 2002

Authors : Charles S Johnson, Han S Joo, Kochakorn Direksin, Kyoung-Jin Yoon, Young K Choi

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Fatal adverse pulmonary reaction in calves after inadvertent intravenous vaccination has been reported.](#) - GMI Summary

Pubmed Data : Vet Pathol. 2005 Jul;42(4):492-5. PMID: [16006609](#)

Article Published Date : Jul 01, 2005

Authors : J D Ramsay, C L Williams, E Simko

Study Type : Animal Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Hepatitis B vaccine alters the expression of 144 genes in the mouse liver within 1 day of vaccination, 7 of which are related to inflammation and metabolism.](#) - GMI Summary

Pubmed Data : Mol Biol Rep. 2011 Jun 21. Epub 2011 Jun 21. PMID: [21691704](#)

Article Published Date : Jun 21, 2011

Authors : Heyam Hamza, Jianhua Cao, Xinyun Li, Shuhong Zhao

Study Type : Animal Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine induces cell death in liver cells and mouse liver.](#) - GMI Summary

Pubmed Data : Apoptosis. 2012 Jan 17. Epub 2012 Jan 17. PMID: [22249285](#)

Article Published Date : Jan 17, 2012

Authors : Heyam Hamza, Jianhua Cao, Xinyun Li, Changchun Li, Mengjin Zhu, Shuhong Zhao

Study Type : Animal Study

Additional Links

Diseases : [Liver Damage : CK\(597\) : AC\(213\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

Adverse Pharmacological Actions : [Hepatotoxic : CK\(283\) : AC\(80\)](#)

Maturational changes in amygdala volume and the binding capacity of an opioid antagonist in the amygdala was significantly altered in infant macaques receiving the vaccine schedule. - GMI Summary

Pubmed Data : Acta Neurobiol Exp (Wars). 2010 ;70(2):147-64. PMID: [20628439](#)

Article Published Date : Dec 31, 2009

Authors : Laura Hewitson, Brian J Lopresti, Carol Stott, N Scott Mason, Jaime Tomko

Study Type : Animal Study

Additional Links

Diseases : [Amygdala: Damage/Abnormalities : CK\(10\) : AC\(1\)](#), [Neurodevelopmental Disorders : CK\(163\) : AC\(13\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Problem Substances : [Thimerosal : CK\(216\) : AC\(23\)](#)

Mice exhibit lung pathology after vaccination with pertussis vaccines. - GMI Summary

Pubmed Data : Vaccine. 2007 Mar 8;25(12):2346-60. Epub 2006 Dec 12. PMID: [17224216](#)

Article Published Date : Mar 08, 2007

Authors : Rob J Vandebriel, Eric R Gremmer, Jolanda P Vermeulen, Sandra M M Hellwig, Jan A M A Dormans, Paul J M Roholl, Frits R Mooi

Study Type : Animal Study

Additional Links

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(971\) : AC\(348\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Newborn primates receiving mercury-containing hepatitis B vaccines exhibit neurodevelopmental delays. - GMI Summary

Pubmed Data : J Toxicol Environ Health A. 2010 Jan;73(19):1298-313. PMID: [20711932](#)

Article Published Date : Jan 01, 2010

Authors : Laura Hewitson, Lisa A Houser, Carol Stott, Gene Sackett, Jaime L Tomko, David Atwood, Lisa Blue, E Railey White

Study Type : Animal Study

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Porcine circovirus type 2 (PCV2) vaccination of pregnant pigs may result in vertical transmission of PCV2 to the offspring. - GMI Summary

Pubmed Data : Clin Vaccine Immunol. 2009 Jun;16(6):830-4. Epub 2009 Apr 8. PMID: [19357312](#)

Article Published Date : Jun 01, 2009

Authors : D M Madson, A R Patterson, S Ramamoorthy, N Pal, X J Meng, T Opriessnig

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Post-infection rabies vaccination increases mortality in mice. - GMI Summary

Pubmed Data : Comp Immunol Microbiol Infect Dis. 1988;11(2):139-42. PMID: [2972508](#)

Article Published Date : Jan 01, 1988

Authors : J Blancou, D Sitte

Study Type : Animal Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)
Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Pregnant cows vaccinated against a Brucella strain experienced an abortion rate of 58%. - GMI Summary](#)

Pubmed Data : J Wildl Dis. 1991 Apr;27(2):258-64. PMID: [1906114](#)

Article Published Date : Apr 01, 1991

Authors : D S Davis, J W Templeton, T A Ficht, J D Huber, R D Angus, L G Adams

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#),
[Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Pregnant cows vaccinated with live attenuated Smithburn Rift Valley virus had a high rate of abortions which were associated with elevations in IgG and IgM antibodies. - GMI Summary](#)

Pubmed Data : J Med Virol. 2006 Jun;78(6):787-91. PMID: [16628582](#)

Article Published Date : Jun 01, 2006

Authors : Boulos Botros, Adel Omar, Khairat Elian, Gihan Mohamed, Atef Soliman, Adel Salib, Diaa Salman, Magdi Saad, Kenneth Earhart

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever : CK\(4\) : AC\(2\)](#),
[Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Rift Valley fever vaccine in goats cause severe deleterious pathological changes in liver especially in kids and causing abortion in pregnant does. - GMI Summary](#)

Pubmed Data : Virol J. 2009;6:94. Epub 2009 Jul 6. PMID: [19580675](#)

Article Published Date : Jan 01, 2009

Authors : Samia Ahmed Kamal

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever : CK\(4\) : AC\(2\)](#),
[Rift Valley Fever : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[The intranasal inoculation of pregnant sows with porcine circovirus 2 results in abortion and reproductive failure. - GMI Summary](#)

Pubmed Data : J Nutr. 2009 Nov;139(11):2061-6. Epub 2009 Sep 23. PMID: [15737340](#)

Article Published Date : Nov 01, 2009

Authors : J-S Park, J Kim, Y Ha, K Jung, C Choi, J-K Lim, S-H Kim, C Chae

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[The mercury containing vaccine adjuvant known as thimerosal has immunosuppressive and autoimmune effects in mice. - GMI Summary](#)

Pubmed Data : Toxicol Appl Pharmacol. 2005 Apr 15;204(2):109-21. PMID: [15808517](#)

Article Published Date : Apr 15, 2005

Authors : S Havarinasab, B Häggqvist, E Björn, K M Pollard, P Hultman

Study Type : Animal Study

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The use of animal cells in the production of vaccines may cause infection by endogenous retroviruses associated with chronic fatigue and prostate cancer.](#) -

GMI Summary

Pubmed Data : Biologicals. 2010 May;38(3):371-6. Epub 2010 Apr 8. PMID: [20378372](#)

Article Published Date : May 01, 2010

Authors : Takayuki Miyazawa

Study Type : Animal Study

Additional Links

Diseases : [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Prostate Cancer : CK\(998\) : AC\(288\)](#), [Retroviruses : CK\(2\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The vaccination of pregnant sheep resulted in abortions and hydranencephaly.](#) -

GMI Summary

Pubmed Data : Int Immunopharmacol. 2005 Mar;5(3):555-69. PMID: [8825310](#)

Article Published Date : Mar 01, 2005

Authors : M Flanagan, S J Johnson

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Hydranencephaly : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[The vaccine adjuvant thimerosal induces adverse changes in the cerebellum of mice, lending plausibility to the association between autism and low-dose mercury exposure.](#) - **GMI Summary**

Pubmed Data : Cell Biol Toxicol. 2009 Apr 9. PMID: [19357975](#)

Article Published Date : Apr 09, 2009

Authors : Takeshi Minami, Eriko Miyata, Yamato Sakamoto, Hideo Yamazaki, Seiji Ichida

Study Type : Animal Study

Additional Links

Diseases : [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination of pregnant monkeys resulted in abortions in 2 out of 25.](#) - **GMI Summary**

Pubmed Data : Am J Trop Med Hyg. 1991 Apr;44(4):382-9. PMID: [2042705](#)

Article Published Date : Apr 01, 1991

Authors : A Escajadillo, J K Frenkel

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Vaccine-induced immunity in pregnant pigs is not effective in preventing viremia in offspring. - GMI Summary

Pubmed Data : Theriogenology. 2009 Oct 1;72(6):747-54. Epub 2009 Jun 25. PMID: [19559470](#)

Article Published Date : Oct 01, 2009

Authors : D M Madson, A R Patterson, S Ramamoorthy, N Pal, X J Meng, T Opriessnig

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\)](#) : CK(11) : AC(7)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Animal Model](#) : CK(39) : AC(16)

Vaccine-induced scrapie has been reported in animals. - GMI Summary

Pubmed Data : J Gen Virol. 2003 Apr;84(Pt 4):1047-52. PMID: [12655108](#)

Article Published Date : Apr 01, 2003

Authors : Gianluigi Zanusso, Cristina Casalone, Pierluigi Acutis, Elena Bozzetta, Alessia Farinazzo, Matteo Gelati, Michele Fiorini, Gianluigi Forloni, Man Sun Sy, Salvatore Monaco, Maria Caramelli

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Infectious](#) : CK(8) : AC(4), [Animal Diseases: Scrapie](#) : CK(4) : AC(2), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Animal Model](#) : CK(39) : AC(16)

Vaccine-induced, simian immunodeficiency virus-specific CD8+ T cells reduce virus replication but do not protect from simian immunodeficiency virus disease progression. - GMI Summary

Pubmed Data : J Immunol. 2009 Jul 1;183(1):706-17. PMID: [19542473](#)

Article Published Date : Jul 01, 2009

Authors : Jessica C Engram, Richard M Dunham, George Makedonas, Thomas H Vanderford, Beth Sumpter, Nichole R Klatt, Sarah J Ratcliffe, Seema Garg, Mirko Paiardini, Monica McQuoid, John D Altman, Silvija I Staprans, Michael R Betts, David A Garber, Mark B Feinberg, Guido Silvestri

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Simian Immunodeficiency Virus \(SIV\)](#) : CK(2) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Animal Model](#) : CK(39) : AC(16)

"Adverse events associated with 17D-derived yellow fever vaccination--United States, 2001-2002." - GMI Summary

Pubmed Data : MMWR Morb Mortal Wkly Rep. 2002 Nov 8 ;51(44):989-93. PMID: [12455906](#)

Article Published Date : Nov 08, 2002

Study Type : Review

Additional Links

Diseases : [Brain Inflammation](#) : CK(79) : AC(35), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Yellow Fever](#) : CK(13) : AC(2)

"Hypothesis: is Alzheimer's disease a metal-induced immune disorder?" - GMI Summary

Pubmed Data : Neurodegeneration. 1995 Mar ;4(1):107-11. PMID: [7600179](#)

Article Published Date : Feb 28, 1995

Authors : R A Armstrong, S J Winsper, J A Blair

Study Type : Review

Additional Links

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302)

Problem Substances : [Aluminum](#) : CK(154) : AC(41), [Vaccine Adjuvants](#) : CK(383) : AC(77)

"Mechanisms of aluminum adjuvant toxicity and autoimmunity in pediatric populations." - GMI Summary

Pubmed Data : Lupus. 2012 ;21(2):223-30. PMID: [22235057](#)

Article Published Date : Jan 01, 2012

Authors : L Tomljenovic, Ca Shaw

Study Type : Review

Additional Links

Diseases : [Aluminum Toxicity : CK\(107\) : AC\(36\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Aluminum : CK\(154\) : AC\(41\)](#), [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

"New strategies for the elimination of polio from India." - GMI Summary

Pubmed Data : Science. 2006 Nov 17 ;314(5802):1150-3. PMID: [17110580](#)

Article Published Date : Nov 17, 2006

Authors : Nicholas C Grassly, Christophe Fraser, Jay Wenger, Jagadish M Deshpande, Roland W Sutter, David L Heymann, R Bruce Aylward

Study Type : Review

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

"Viral nucleic acids in live-attenuated vaccines: detection of minority variants and an adventitious virus." - GMI Summary

Pubmed Data : J Virol. 2010 Jun ;84(12):6033-40. Epub 2010 Apr 7. PMID: [20375174](#)

Article Published Date : May 31, 2010

Authors : Joseph G Victoria, Chunlin Wang, Morris S Jones, Crystal Jaing, Kevin McLoughlin, Shea Gardner, Eric L Delwart

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Adventitious Viruses : CK\(18\) : AC\(9\)](#), [Iatrogenic Disease : CK\(226\) : AC\(26\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

Acute disseminated encephalomyelitis (ADEM) may be caused by vaccination. - GMI Summary

Pubmed Data : J Clin Neurosci. 2008 Dec;15(12):1315-22. Epub 2008 Oct 30. PMID: [18976924](#)

Article Published Date : Dec 01, 2008

Authors : William Huynh, Dennis J Cordato, Elias Kehdi, Lynette T Masters, Chris Dedousis

Study Type : Commentary

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Encephalomyelitis : CK\(12\) : AC\(7\)](#), [Neuromyelitis Optica : CK\(4\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Adjuvants in vaccines may trigger innate cells response by toll-like receptors, thus eliciting a possible non-IgE mediated allergy phenomenon or causing B-cell activation and autoimmunity. - GMI Summary

Pubmed Data : Hum Vaccin. 2011 Aug 1 ;7(8). Epub 2011 Aug 1. PMID: [21785282](#)

Article Published Date : Aug 01, 2011

Authors : Salvatore Chirumbolo

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hypersensitivity : CK\(64\) : AC\(15\)](#), [Immune](#)

Disorders: B-Cell Over-Activity : CK(2) : AC(2), Immune Dysregulation: TH1/TH2 imbalance : CK(146) : AC(36), Vaccine-induced Toxicity : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Problem Substances : [Adjuvant : CK\(18\) : AC\(6\)](#)

[Aluminium-containing adjuvants in vaccines may be causing autoimmune conditions such as chronic fatigue syndrome and the inflammatory myopathy known as macrophagic myofasciitis.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2009 Feb;72(2):135-9. Epub 2008 Nov 11. PMID: [19004564](#)

Article Published Date : Feb 01, 2009

Authors : Christopher Exley, Louise Swarbrick, Rhomain K Gherardi, Francois-Jérôme Authier

Study Type : Commentary

Additional Links

Diseases : [Aluminum Toxicity : CK\(107\) : AC\(36\)](#), [Chronic Fatigue Syndrome : CK\(397\) : AC\(28\)](#), [Myopathy: Inflammatory : CK\(1\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Anthrax vaccine development suffers from a wide range of potentially insurmountable problems.](#) - GMI Summary

Pubmed Data : Przegl Epidemiol. 2009 ;63(4):505-12. PMID: [20120948](#)

Article Published Date : Jan 01, 2009

Authors : Dorota Zakowska, Janusz Kocik, Michał Bartoszcze

Study Type : Review

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[Autism spectrum disorders are associated with vaccination, heavy metal toxicity and excitotoxicity.](#) - GMI Summary

Pubmed Data : Altern Ther Health Med. 2008 Nov-Dec;14(6):46-53. PMID: [19043938](#)

Article Published Date : Nov 01, 2008

Authors : Russell L Blaylock

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Excitotoxicity : CK\(56\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Autoimmune autistic disorder, a major subset of autism, is associated with autoantibody formation caused by viral \(wild and vaccine-induced\) infection.](#) - GMI Summary

Pubmed Data : Ann Clin Psychiatry. 2009 Jul-Sep;21(3):148-61. PMID: [19758536](#)

Article Published Date : Jul 01, 2009

Authors : Vijendra K Singh

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Despite high coverage rates for primary immunization in infants and children pertussis incidence rates are increasing.](#) - GMI Summary

Pubmed Data : Pediatr Infect Dis J. 2005 May;24(5 Suppl):S10-8. PMID: [15876918](#)

Article Published Date : May 01, 2005

Authors : Tina Tan, Evelinda Trindade, Danuta Skowronski

Study Type : Review

Additional Links

Diseases : [Pertussis](#) : CK(142) : AC(14)

Additional Keywords : [Vaccine Resistance](#) : CK(11) : AC(2)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Pertussis](#) : CK(116) : AC(14)

Differential diagnosis of acute flaccid paralysis and its role in poliomyelitis surveillance. - GMI Summary

Pubmed Data : Epidemiol Rev. 2000 ;22(2):298-316. PMID: [11218380](#)

Article Published Date : Jan 01, 2000

Authors : A Marx, J D Glass, R W Sutter

Study Type : Review

Additional Links

Diseases : [Acute Flaccid Paralysis](#) : CK(3) : AC(1)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Polio](#) : CK(94) : AC(15)

DNA plasmid vaccines may carry under reported risks associated with structural instability. - GMI Summary

Pubmed Data : Appl Microbiol Biotechnol. 2010 Aug;87(6):2157-67. Epub 2010 May 23. PMID: [20496146](#)

Article Published Date : Aug 01, 2010

Authors : Pedro H Oliveira, Kristala Jones Prather, Duarte M F Prazeres, Gabriel A Monteiro

Study Type : Review

Additional Links

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Plasmid DNA Vaccines](#) : CK(3) : AC(2)

DTP vaccination may contribute to urinary tract disease and sudden infant death syndrome. - GMI Summary

Pubmed Data : Reprod Biomed Online. 2010 Jul;21(1):100-8. Epub 2010 Mar 30. PMID: [15356430](#)

Article Published Date : Jul 01, 2010

Authors : Joseph Prandota

Study Type : Commentary

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Urinary Tract Infections](#) : CK(338) : AC(47), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

During the first five years of rubella immunizations in adults concerns emerged about the possibility that the vaccines do harm to the fetus in pregnant women. - GMI Summary

Pubmed Data : Am J Obstet Gynecol. 1976 Feb 15;124(4):327-32. PMID: [1251853](#)

Article Published Date : Feb 15, 1976

Authors : M Siegel

Study Type : Review

Additional Links

Diseases : [Pregnancy: Vaccination](#) : CK(94) : AC(17), [Rubella](#) : CK(54) : AC(4), [Vaccination: Abortion](#) : CK(40) : AC(14), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: Adult Rubella](#) : CK(24) : AC(5), [Vaccination: All](#) : CK(3874) : AC(302)

Feline injection site-associated sarcoma is a serious problem associated with malignancy. - GMI Summary

Pubmed Data : Vet Microbiol. 2006 Oct 5;117(1):59-65. PMID: [16769184](#)

Article Published Date : Oct 05, 2006

Authors : Jolle Kirpensteijn

Study Type : Review

Additional Links

Diseases : [Sarcoma : CK\(36\) : AC\(21\)](#), [Tumors : CK\(199\) : AC\(110\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[From 1990 to the present, the number of cases \(n = 31\) and deaths \(n = 12\) from the yellow fever vaccine in travelers has exceeded the reports of YF \(n = 6\) acquired by natural infection. - GMI Summary](#)

Pubmed Data : Expert Rev Vaccines. 2012 Apr ;11(4):427-48. PMID: [22551029](#)

Article Published Date : Apr 01, 2012

Authors : Thomas P Monath

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Yellow Fever : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Yellow Fever : CK\(13\) : AC\(2\)](#)

[Hepatitis B vaccination has the potential to induce central demyelinating disorders such as multiple sclerosis. - GMI Summary](#)

Pubmed Data : Med Hypotheses. 2006;66(1):84-6. Epub 2005 Sep 19. PMID: [16176857](#)

Article Published Date : Jan 01, 2006

Authors : Yannick Comenge, Marc Girard

Study Type : Commentary

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccinations is associated with autoimmune hazards. - GMI Summary](#)

Pubmed Data : Autoimmun Rev. 2005 Feb;4(2):96-100. PMID: [15722255](#)

Article Published Date : Feb 01, 2005

Authors : Marc Girard

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccines have a potential to occasionally trigger the onset of immune diseases in individuals with an underlying genetic or immunological susceptibility. - GMI Summary](#)

Pubmed Data : J Neurol Sci. 2010 May 15;292(1-2):1-4. Epub 2010 Mar 7. PMID: [20207367](#)

Article Published Date : May 15, 2010

Authors : Joerg-Patrick Stübgen

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Dermatomyositis : CK\(44\) : AC\(10\)](#), [Myasthenia Gravis : CK\(82\) : AC\(14\)](#), [Neuromuscular Diseases : CK\(16\) : AC\(4\)](#), [Neuropathies : CK\(450\) : AC\(67\)](#)

[Polyarteritis Nodosa : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[HIV-1/AIDS may have been caused by contaminated polio vaccines grown in SIV infected chimpanzee kidney cells during the late 1950's. - GMI Summary](#)

Pubmed Data : Mol Nutr Food Res. 2010 Jan 28. Epub 2010 Jan 28. PMID: [11405924](#)

Article Published Date : Jan 28, 2010

Authors : E Hooper

Study Type : Commentary

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[In 2011, there were an extra 47,500 new cases of non-polio acute flaccid paralysis \(NPAFP\); Clinically indistinguishable from polio paralysis but twice as deadly, the incidence of NPAFP was directly proportional to doses of oral polio received. - GMI Summary](#)

Pubmed Data : Indian J Med Ethics. 2012 Apr-Jun;9(2):114-7. PMID: [22591873](#)

Article Published Date : Apr 01, 2012

Authors : Neetu Vashisht, Jacob Puliyeel

Study Type : Review

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Infection and vaccines are triggers for autoimmune disease. - GMI Summary](#)

Pubmed Data : Autoimmunity. 2005 May;38(3):235-45. PMID: [16126512](#)

Article Published Date : May 01, 2005

Authors : Vered Molina, Yehuda Shoenfeld

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Influenza vaccines may induce hepatitis-B virus-related vasculitis and severe neuropathy. - GMI Summary](#)

Pubmed Data : J Cardiovasc Pharmacol. 2003 Sep;42(3):329-38. PMID: [18579284](#)

Article Published Date : Sep 01, 2003

Authors : Yuko Wada, Chie Yanagihara, Yo Nishimura, Nobuyuki Oka

Study Type : Commentary

Additional Links

Diseases : [Peripheral Neuropathies : CK\(394\) : AC\(31\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Measles vaccination in developing countries has resulted in higher infant mortality rates. - GMI Summary](#)

Pubmed Data : BMJ. 1993 Nov 20;307(6915):1294-5. PMID: [8257878](#)

Article Published Date : Nov 20, 1993

Authors : A J Hall, F T Cutts

Study Type : Review

Additional Links

Diseases : [Child Mortality : CK\(64\) : AC\(8\)](#), [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity :](#)

[CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[MMR vaccine may induce autoantibody formation against the gut \(secretin or its receptor\) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2003 May;60(5):650-3. PMID: [12710897](#)

Article Published Date : May 01, 2003

Authors : Bijal K Mehta, Kerim M Munir

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Mosquitos are being engineered so that they can be used as flying syringes, capable of injecting malarial proteins into human subjects as an immunization strategy.](#) - GMI Summary

Pubmed Data : Acta Med Okayama. 2010 Aug;64(4):233-41. PMID: [20802540](#)

Article Published Date : Aug 01, 2010

Authors : Hiroyuki Matsuoka, Tsunetaka Ikezawa, Makoto Hirai

Study Type : Commentary

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Mycoplasma testing of cell substrates and biologics is often not performed due to the long turn around.](#) - GMI Summary

Pubmed Data : Mol Cell Probes. 2011 Apr-Jun;25(2-3):69-77. Epub 2011 Jan 11. PMID: [21232597](#)

Article Published Date : Apr 01, 2011

Authors : Dmitriy V Volokhov, Laurie J Graham, Kurt A Brorson, Vladimir E Chizhikov

Study Type : Review

Additional Links

Diseases : [Mycoplasma Infections : CK\(2\) : AC\(2\)](#)

Additional Keywords : [Mycoplasma Infections : CK\(2\) : AC\(2\)](#), [Vaccine Safety : CK\(21\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Over 40,000 cases of AFP are reported annually since 2007 regardless of the number of actual polio cases.](#) - GMI Summary

Pubmed Data : BMC Public Health. 2012 ;12:229. Epub 2012 Mar 22. PMID: [22439606](#)

Article Published Date : Jan 01, 2012

Authors : Rie R Yotsu, Katharine Abba, Helen Smith, Abhijit Das

Study Type : Review

Additional Links

Diseases : [Acute Flaccid Paralysis : CK\(3\) : AC\(1\)](#), [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Provocation by vaccine injections can increase the risk of paralytic poliomyelitis by up to 25 fold.](#) - GMI Summary

Pubmed Data : Dev Biol Stand. 1986;65:123-6. PMID: [3549394](#)

Article Published Date : Jan 01, 1986

Authors : H V Wyatt

Study Type : Review

Additional Links

Diseases : [Poliomyelitis : CK\(33\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Review: based on currently available research pneumoccal vaccination should not be recommended for large scale use in ear infection prone populations. - GMI Summary](#)

Pubmed Data : Cochrane Database Syst Rev. 2002(2):CD001480. PMID: [12076412](#)

Article Published Date : Jan 01, 2002

Authors : M Straetemans, E A Sanders, R H Veenhoven, A G Schilder, R A Damoiseaux, G A Zielhuis

Study Type : Review

Additional Links

Diseases : [Ear Infection : CK\(604\) : AC\(33\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Review: Biological safety concepts of genetically modified live bacterial vaccines. - GMI Summary](#)

Pubmed Data : Vaccine. 2007 Jul 26 ;25(30):5598-605. Epub 2006 Dec 5. PMID: [17239999](#)

Article Published Date : Jul 26, 2007

Authors : Joachim Frey

Study Type : Review

Additional Links

Additional Keywords : [GMO Vaccines : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Genetically Modified Organisms : CK\(49\) : AC\(35\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: GMO Vaccines : CK\(1\) : AC\(1\)](#)

[Review: Plant-made Pharmaceuticals & Vaccines - GMI Summary](#)

Pubmed Data : Int J Mol Sci. 2011;12(5):3220-36. Epub 2011 May 17. PMID: [21686181](#)

Article Published Date : Jan 01, 2011

Authors : David R Thomas, Claire A Penney, Amrita Majumder, Amanda M Walmsley

Study Type : Review

Additional Links

Additional Keywords : [Edible Vaccines : CK\(14\) : AC\(12\)](#), [Plant Vaccines : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Review: possible adverse effects that are associated with smallpox vaccination. - GMI Summary](#)

Pubmed Data : MMWR Recomm Rep. 2003 Feb 21;52(RR-4):1-28. PMID: [12617510](#)

Article Published Date : Feb 21, 2003

Authors : Joanne Cono, Christine G Casey, David M Bell,

Study Type : Review

Additional Links

Diseases : [Smallpox : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Swine flu vaccine adjuvants may cause harm in patients with autoimmune diseases such as multiple sclerosis. - GMI Summary](#)

Pubmed Data : Med Hypotheses. 2010 Feb 18. Epub 2010 Feb 18. PMID: [20171793](#)

Article Published Date : Feb 18, 2010

Authors : Serefnur Oztürk

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[The clinical development of a vaccines does not focus on effectiveness \(whether a vaccine actually helps people\) but efficacy \(the successful elevation of antibody titers\).](#) - GMI Summary

Pubmed Data : Dev Biol Stand. 1998;95:195-201. PMID: [9855432](#)

Article Published Date : Jan 01, 1998

Authors : D S Fedson

Study Type : Commentary

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The demyelinating effect of hepatitis B vaccination could be due to the contamination of the vaccine by partial hepatitis B virus polymerase.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2005;65(3):509-20. PMID: [15908138](#)

Article Published Date : Jan 01, 2005

Authors : E Faure

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[The development of human vaccines for anthrax has suffered from a number of technical challenges.](#) - GMI Summary

Pubmed Data : Hum Vaccin. 2009 Dec ;5(12):806-16. Epub 2009 Dec 9. PMID: [19786839](#)

Article Published Date : Dec 01, 2009

Authors : Leslie W Baillie

Study Type : Review

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[The epidemic of autism may be linked to both vaccinations and mitochondrial diseases.](#) - GMI Summary

Pubmed Data : Clin Exp Pharmacol Physiol. 2004 Dec;31 Suppl 2:S51-3 PMID: [19043939](#)

Article Published Date : Dec 01, 2004

Authors : Stephanie F Cave

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Mitochondrial Diseases : CK\(149\) : AC\(50\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Diseases that are Linked : CK\(2122\) : AC\(270\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The hepatitis B vaccine may induce autoimmune demyelinating disease through the molecular mimicry that exists between the vaccine antigen, Epstein-Barr virus and human myelin.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2008;70(2):346-8. Epub 2007 Jul 13. PMID: [17630224](#)

Article Published Date : Jan 01, 2008

Authors : Burton A Waisbren

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Epstein-Barr Virus Infections : CK\(100\) : AC\(43\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[The HPV16 vaccine carries with it significant cross-reactivity risk due to the homologies that exist between the HPV and human proteome.](#) - GMI Summary

Pubmed Data : J Exp Ther Oncol. 2009;8(1):65-76. PMID: [19827272](#)

Article Published Date : Jan 01, 2009

Authors : Darja Kanduc

Study Type : In Vitro Study

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[The number of elective abortions following vaccination during pregnancy may be under-reported and could be substantial.](#) - GMI Summary

Pubmed Data : Vaccine. 2008 May 2;26(19):2428-32. Epub 2008 Mar 17. PMID: [18406499](#)

Article Published Date : May 02, 2008

Authors : Soju Chang, Robert Ball, M Miles Braun

Study Type : Review

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[The use of post-mortem tissues in the production of biologicals, vaccines and feedstuffs may be contributing to transmissible encephalopathies.](#) - GMI Summary

Pubmed Data : Dev Biol Stand. 1996;88:237-41. PMID: [9119144](#)

Article Published Date : Jan 01, 1996

Authors : M M Robinson

Study Type : Review

Additional Links

Diseases : [Encephalopathies : CK\(11\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Transmissible spongiform encephalopathies may be passed iatrogenically through vaccines.](#) - GMI Summary

Pubmed Data : Dev Biol (Basel). 2001;106:455-9; discussion 460-1, 465-75. PMID: [11761262](#)

Article Published Date : Jan 01, 2001

Authors : N R Cashman

Study Type : Commentary

Additional Links

Diseases : [Spongiform Encephalopathies: Transmissible : CK\(2\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Underestimation of central nervous system complications after pertussis immunization appears to be prevalent.](#) - GMI Summary

Pubmed Data : Acta Paediatr Jpn. 1991 Aug;33(4):421-7. PMID: [1792899](#)

Article Published Date : Aug 01, 1991

Authors : W Ehrengut

Study Type : Review

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Vaccination against novel H1N1 may accelerate atherogenesis \(heart disease\).](#) - GMI Summary

Pubmed Data : Med Microbiol Immunol. 2009 Oct 23. PMID: [19851782](#)

Article Published Date : Oct 23, 2009

Authors : Sucharit Bhakdi, Karl Lackner, Hans-Wilhelm Doerr

Study Type : Commentary

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination for contraception.](#) - GMI Summary

Pubmed Data : Aust N Z J Obstet Gynaecol. 1994 Jun;34(3):320-9. PMID: [7848209](#)

Article Published Date : Jun 01, 1994

Authors : W R Jones

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anti-Fertility : CK\(1\) : AC\(1\)](#)

[Vaccination may be contributing to autoimmune disease.](#) - GMI Summary

Pubmed Data : J Autoimmun. 2000 Feb;14(1):1-10. PMID: [10648110](#)

Article Published Date : Feb 01, 2000

Authors : Y Shoenfeld, A Aron-Maor

Study Type : Commentary

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccination may contribute to causing a wide variety of autoimmune disorders.](#) - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[Vaccination proponents have suggested that breastfeeding should be delayed in order to prevent immune factors within breast milk from inactivating vaccine-associated antibody titer elevations and vaccine potency.](#) - GMI Summary

Pubmed Data : [Pediatr Infect Dis J. 2010 Oct;29\(10\):919-923. PMID: 20442687](#)

Article Published Date : Oct 01, 2010

Authors : Sung-Sil Moon, Yuhuan Wang, Andi L Shane, Trang Nguyen, Pratima Ray, Penelope Dennehy, Luck Ju Baek, Umesh Parashar, Roger I Glass, Baoming Jiang

Study Type : Commentary

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Therapeutic Actions : [Breastfeeding : CK\(708\) : AC\(67\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccines and flu shots containing mercury may contribute to severe neurological diseases and/or death in children.](#) - GMI Summary

Pubmed Data : [J Pediatr. 2009 Apr;154\(4\):514-520.e4. Epub 2008 Dec 3. PMID: 19205900](#)

Article Published Date : Apr 01, 2009

Authors : Donald A Drum

Study Type : Commentary

Additional Links

Diseases : [Attention Deficit Disorder : CK\(134\) : AC\(12\)](#), [Attention Deficit Disorder with Hyperactivity : CK\(240\) : AC\(30\)](#), [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Child Mortality : CK\(64\) : AC\(8\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Mental Retardation : CK\(71\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Thimerosal : CK\(3\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Vaccines produced in chick embryo cells had significant reverse transcriptase activity.](#) - GMI Summary

Pubmed Data : [J Clin Virol. 1998 Jul 24 ;11\(1\):19-28. PMID: 9784140](#)

Article Published Date : Jul 23, 1998

Authors : T Maudru, K W Peden

Study Type : In Vitro Study

Additional Links

Diseases : [Retroviruses : CK\(2\) : AC\(1\)](#)

Additional Keywords : [Endogenous Retroviruses : CK\(31\) : AC\(12\)](#), [Live Attenuated Vaccines : CK\(2\) : AC\(2\)](#), [Retroviruses : CK\(7\) : AC\(7\)](#), [Vaccine Contamination : CK\(5\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Viruses \(wild-type or recombinant vaccine-type\) can silently prime for and trigger central nervous system autoimmune disease.](#) - GMI Summary

Pubmed Data : [J Neurovirol. 2001 Jun;7\(3\):220-7. PMID: 11517396](#)

Article Published Date : Jun 01, 2001

Authors : D J Theil, I Tsunoda, F Rodriguez, J L Whitton, R S Fujinami

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Additional Keywords : [Diseases that are Linked : CK\(2122\) : AC\(270\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Vaccination: Hepatitis B](#)

Male newborns vaccinated with hepatitis B prior to 1999 had a 3-fold higher risk for parentally reported autism. - GMI Summary

Pubmed Data : J Toxicol Environ Health A. 2010 Jan;73(24):1665-77. PMID: [21058170](#)

Article Published Date : Jan 01, 2010

Authors : Carolyn M Gallagher, Melody S Goodman

Study Type : Meta Analysis

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Neonate exposure to thimerosal mercury from hepatitis B vaccines may be a significant problem. - GMI Summary

Pubmed Data : Am J Perinatol. 2009 Aug;26(7):523-7. Epub 2009 Mar 12. PMID: [19283656](#)

Article Published Date : Aug 01, 2009

Authors : José G Dórea, Rejane C Marques, Katiane G Brandão

Study Type : Meta Analysis

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Infant Chemical Exposures : CK\(162\) : AC\(22\)](#), [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

There are no randomized controlled trials that assessed the effects of hepatitis B vaccine during pregnancy for preventing infant infection. - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2011(3):CD007879. Epub 2011 Mar 16. PMID: [21412913](#)

Article Published Date : Jan 01, 2011

Authors : Ussanee S Sangkomkamhang, Pisake Lumbiganon, Malinee Laopaiboon

Study Type : Meta Analysis

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Vaccination is associated with a rare autoimmune neurological condition transverse myelitis. - GMI Summary

Pubmed Data : Lupus. 2009 Nov;18(13):1198-204. PMID: [19880568](#)

Article Published Date : Nov 01, 2009

Authors : N Agmon-Levin, S Kivity, M Szyper-Kravitz, Y Shoenfeld

Study Type : Meta Analysis

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Vaccination is associated with an increased risk for hemolytic anemia. - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7394-7. Epub 2009 Sep 18. PMID: [19766577](#)

Article Published Date : Dec 09, 2009

Authors : Allison L Naleway, Edward A Belongia, James G Donahue, Burney A Kieke, Jason M Glanz,

Study Type : Meta Analysis

Additional Links

Diseases : [Hemolytic Anemia : CK\(75\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

When polled 5% of nonpediatricians would not use Haemophilus influenzae type b vaccine if they had a child born in 2004. - GMI Summary

Pubmed Data : Pediatrics. 2005 Nov;116(5):e623-33. PMID: [16263976](#)

Article Published Date : Nov 01, 2005

Authors : Klara M Posfay-Barbe, Ulrich Heininger, Christoph Aebi, Daniel Desgrandchamps, Bernard Vaudaux, Claire-Anne Siegrist

Study Type : Meta Analysis

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Acute hepatitis B can occur in those who are vaccinated against it and who are exposed through unprotected sexual contact and iatrogenically. - GMI Summary

Pubmed Data : Postgrad Med J. 2006 Mar;82(965):207-10. PMID: [16517803](#)

Article Published Date : Mar 01, 2006

Authors : G Rosner, Y Lurie, L Blendis, Z Halpern, R Oren

Study Type : Human Study

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Iatrogenic Disease : CK\(62\) : AC\(7\)](#)

Additional Keywords : [Iatrogenic Disease : CK\(226\) : AC\(26\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

C-reactive protein (CRP) elevation occur in infants without sepsis after hepatitis B vaccination. - GMI Summary

Pubmed Data : Eur J Pediatr. 2013 Jan 29. Epub 2013 Jan 29. PMID: [23358708](#)

Article Published Date : Jan 28, 2013

Authors : Istemi Han Celik, Gamze Demirel, Fuat Emre Canpolat, Omer Erdeve, Ugur Dilmen

Study Type : Human Study

Additional Links

Diseases : [Elevated CRP : CK\(72\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hair mercury in breast-fed infants exposed to thimerosal-preserved vaccines indicates significant levels of exposure. - GMI Summary

Pubmed Data : Eur J Pediatr. 2007 Sep;166(9):935-41. Epub 2007 Jan 20. PMID: [17237965](#)

Article Published Date : Sep 01, 2007

Authors : Rejane C Marques, José G Dórea, Márlon F Fonseca, Wanderley R Bastos, Olaf Malm

Study Type : Human Study

Additional Links

Diseases : [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Therapeutic Actions : [Breastfeeding : CK\(708\) : AC\(67\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hepatitis B vaccination coverage has fallen to beneath 30% in France due to concerns over safety. - GMI Summary

Pubmed Data : J Clin Virol. 2009 Nov;46(3):202-5. Epub 2009 Aug 28. PMID: [19716764](#)

Article Published Date : Nov 01, 2009

Authors : Marta A Balinska

Study Type : Human Study

Additional Links

Diseases : [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination has been linked to autoimmune inflammatory polyneuropathy \(PN\).](#) - GMI Summary

Pubmed Data : J Peripher Nerv Syst. 2002 Sep;7(3):163-7. PMID: [12365564](#)

Article Published Date : Sep 01, 2002

Authors : Claude Vital, Anne Vital, Georges Gbikpi-Benissan, Maité Longy-Boursier, Marie-Thérèse Climas, Yves Castaing, Marie-Hélène Canon, Michel Le Bras, Klaus Petry

Study Type : Human Study

Additional Links

Diseases : [Acute Autoimmune Neuropathy : CK\(104\) : AC\(2\)](#), [Autoimmune inflammatory polyneuropathy \(PN\) : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination is associated with a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Clin Chim Acta. 2006 Feb;364(1-2):196-204. Epub 2005 Aug 10. PMID: [15638050](#)

Article Published Date : Feb 01, 2006

Authors : M R Geier, D A Geier

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Rheumatoid : CK\(289\) : AC\(54\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Myelitis : CK\(39\) : AC\(5\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Pancytopenia : CK\(12\) : AC\(2\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination is associated with an increased risk of CNS inflammatory demyelination after 3 years of age.](#) - GMI Summary

Pubmed Data : Reprod Toxicol. 2002 May-Jun;16(3):237-43. PMID: [18843097](#)

Article Published Date : May 01, 2002

Authors : Yann Mikaeloff, Guillaume Caridade, Samy Suissa, Marc Tardieu

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Inflammation : CK\(1077\) : AC\(363\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination is associated with potentially neurotoxic mercury exposure in infants.](#) - GMI Summary

Pubmed Data : Chin Med. 2008 Mar 29;3:4. PMID: [10802503](#)

Article Published Date : Mar 29, 2008

Authors : G V Stajich, G P Lopez, S W Harry, W R Sexson

Study Type : Human Study

Additional Links

Diseases : [Mercury Poisoning : CK\(162\) : AC\(44\)](#), [Premature Birth : CK\(412\) : AC\(43\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination may contribute to autoimmune demyelinating complications due to immunological cross-reactivity between Hepatitis B virus surface antigen and myelin basic protein.](#) - GMI Summary

Pubmed Data : Clin Dev Immunol. 2005 Sep;12(3):217-24. PMID: [16295528](#)

Article Published Date : Sep 01, 2005

Authors : Dimitrios-Petrou Bogdanos, Heather Smith, Yun Ma, Harold Baum, Giorgina Mieli-Vergani, Diego Vergani

Study Type : Human Study

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Hepatitis B Vaccine : CK\(30\) : AC\(2\)](#), [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination significantly increases the risk of a wide range of autoimmune diseases.](#) - GMI Summary

Pubmed Data : Autoimmunity. 2005 Jun;38(4):295-301. PMID: [16206512](#)

Article Published Date : Jun 01, 2005

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Alopecia : CK\(131\) : AC\(28\)](#), [Arthritis : CK\(1430\) : AC\(218\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Lupus Erythematosus: Systemic : CK\(949\) : AC\(53\)](#), [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination was statistically associated with gastrointestinal reactions including: hepatitis, gastrointestinal disease and liver function test abnormalities.](#) - GMI Summary

Pubmed Data : Hepatogastroenterology. 2002 Nov-Dec;49(48):1571-5. PMID: [12397738](#)

Article Published Date : Nov 01, 2002

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Gastrointestinal Diseases : CK\(38\) : AC\(14\)](#), [Hepatitis : CK\(64\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine is associated with an increased risk of liver problems in U.S. children less than 6 years old, 1993 and 1994.](#) - GMI Summary

Pubmed Data : Epidemiology. 1999 May;10(3):337-9. PMID: [10230847](#)

Article Published Date : May 01, 1999

Authors : M A Fisher, S A Eklund

Study Type : Human Study

Additional Links

Diseases : [Liver Disease : CK\(112\) : AC\(31\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine is positively associated with adverse health outcomes in the general population of US children.](#) - GMI Summary

Pubmed Data : Ann Epidemiol. 2001 Jan;11(1):13-21. PMID: [11164115](#)

Article Published Date : Jan 01, 2001

Authors : M A Fisher, S A Eklund, S A James, X Lin

Study Type : Human Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Arthritis: Juvenile Chronic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Arthritis: Juvenile Rheumatoid : CK\(10\) : AC\(1\)](#), [Ear Infection : CK\(604\) : AC\(33\)](#), [Pharyngeal Diseases : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine may have a possible association with the development of uveitis in some patients.](#) - GMI Summary

Pubmed Data : Cutan Ocul Toxicol. 2010 Mar;29(1):26-9. PMID: [19947819](#)

Article Published Date : Mar 01, 2010

Authors : Frederick W Fraunfelder, Eric B Suhler, Frederick T Fraunfelder

Study Type : Human Study

Additional Links

Diseases : [Uveitis : CK\(63\) : AC\(10\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[In the US the highest number of cases of Guillain-Barre syndrome are associated with influenza and hepatitis B vaccines.](#) - GMI Summary

Pubmed Data : J Clin Neuromuscul Dis. 2009 Sep;11(1):1-6. PMID: [19730016](#)

Article Published Date : Sep 01, 2009

Authors : Nizar Souayah, Abu Nasar, M Fared K Suri, Adnan I Qureshi

Study Type : Human Study

Additional Links

Diseases : [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Systemic lupus erythematosus related to hepatitis B vaccine has been reported.](#) - GMI Summary

Pubmed Data : Lupus. 2009 Nov;18(13):1192-7. PMID: [19880567](#)

Article Published Date : Nov 01, 2009

Authors : N Agmon-Levin, Y Zafrir, Z Paz, T Shilton, G Zandman-Goddard, Y Shoenfeld

Study Type : Human Study

Additional Links

Diseases : [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Thrombocytopenic purpura following vaccination in early childhood has been reported.](#) - GMI Summary

Pubmed Data : J Chin Med Assoc. 2010 Dec;73(12):634-7. PMID: [21145511](#)

Article Published Date : Dec 01, 2010

Authors : Yuh-Lin Hsieh, Lung-Huang Lin

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Vaccination for DPT, Hepatitis B and influenza has been reported to be associated with the development of erythema multiforme in an infant.](#) - GMI Summary

Pubmed Data : Indian J Dermatol Venereol Leprol. 2008 May-Jun;74(3):251-3. PMID: [18583795](#)

Article Published Date : May 01, 2008

Authors : Sarvjit Kaur, Sanjeev Handa

Study Type : Human Study

Additional Links

Diseases : [Erythema : CK\(44\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[A case of lethal inflammatory polyradiculoneuropathy with spinal cord involvement after hepatitis B vaccination.](#) - GMI Summary

Pubmed Data : J Neurol Sci. 2001 May 1;186(1-2):81-5. PMID: [11412876](#)

Article Published Date : May 01, 2001

Authors : E Sindern, J M Schröder, M Krismann, J P Malin

Study Type : Human: Case Report

Additional Links

Diseases : [Acute Inflammatory Demyelinating Polyradiculoneuropathy : CK\(87\) : AC\(1\)](#),

[Polyradiculoneuropathy: Acute Inflammatory : CK\(87\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[A case of lethal status epilepticus and lymphocytic pneumonitis has been reported.](#) - GMI Summary

Pubmed Data : Eur J Intern Med. 2008 Jul;19(5):383-5. Epub 2007 Dec 4. PMID: [18549949](#)

Article Published Date : Jul 01, 2008

Authors : Jozélio Freire de Carvalho, Yehuda Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Epilepsy : CK\(128\) : AC\(27\)](#), [Pneumonitis : CK\(18\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Acute posterior multifocal placoid pigment epitheliopathy after hepatitis B vaccine has been reported.](#) - GMI Summary

Pubmed Data : Arch Ophthalmol. 1995 Mar;113(3):297-300. PMID: [7887843](#)

Article Published Date : Mar 01, 1995

Authors : A P Brézin, P Massin-Korobelnik, M Boudin, A Gaudric, P LeHoang

Study Type : Human: Case Report

Additional Links

Diseases : [Acute Posterior Multifocal Placoid Pigment Epitheliopathy \(APMPPE\) : CK\(3\) : AC\(1\)](#),

[Chorioretinitis : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Autoimmunity following hepatitis B vaccine has been reported.](#) - GMI Summary

Pubmed Data : Lupus. 2012 Feb ;21(2):146-52. PMID: [22235045](#)

Article Published Date : Jan 31, 2012

Authors : Y Zafrir, N Agmon-Levin, Z Paz, T Shilton, Y Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Adverse Pharmacological Actions : [Immunotoxic : CK\(230\) : AC\(38\)](#)

[Bell's palsy is a possible complication of hepatitis B vaccination in children.](#) - GMI Summary

Pubmed Data : J Health Popul Nutr. 2009 Oct;27(5):707-8. PMID: [19902808](#)

Article Published Date : Oct 01, 2009

Authors : Handan Alp, Hüseyin Tan, Zerrin Orbak

Study Type : Human: Case Report

Additional Links

Diseases : [Bell's Palsy](#) : CK(13) : AC(3)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Cutaneous lupus erythematosus and buccal aphthosis after hepatitis B vaccination has been reported in a 6-year-old child](#) - GMI Summary

Pubmed Data : Ann Dermatol Venereol. 1996;123(10):657-9. PMID: [9615128](#)

Article Published Date : Jan 01, 1996

Authors : P Grézard, M Chefaï, V Philippot, H Perrot, M Faisant

Study Type : Human: Case Report

Additional Links

Diseases : [Aphthosis: Buccal](#) : CK(3) : AC(1), [Lupus Erythematosus: Cutaneous](#) : CK(17) : AC(4)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Guillain-Barré syndrome following hepatitis B vaccination has been reported.](#) - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2004 Nov-Dec;22(6):767-70. PMID: [15638054](#)

Article Published Date : Nov 01, 2004

Authors : M Khamaisi, Y Shoenfeld, H Orbach

Study Type : Human: Case Report

Additional Links

Diseases : [Guillain-Barre Syndrome](#) : CK(84) : AC(14)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Hepatitis B vaccination has been linked to anaphylactic shock and death in infants.](#) - GMI Summary

Pubmed Data : Adv Exp Med Biol. 1990;272:183-95. PMID: [20077677](#)

Article Published Date : Jan 01, 1990

Authors : Fu-Zhen Wang, Fu-Qiang Cui, Da-Wei Liu

Study Type : Human: Case Report

Additional Links

Diseases : [Anaphylaxis](#) : CK(54) : AC(15), [Infant Mortality](#) : CK(229) : AC(23), [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Hepatitis B vaccine associated with dermatomyositis has been reported.](#) - GMI Summary

Pubmed Data : Rheumatol Int. 2008 Apr;28(6):609-12. Epub 2007 Nov 23. PMID: [18034245](#)

Article Published Date : Apr 01, 2008

Authors : Arie Altman, Martine Szyper-Kravitz, Yehuda Shoenfeld

Study Type : Human: Case Report

Additional Links

Diseases : [Dermatomyositis](#) : CK(44) : AC(10), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Hepatitis B vaccine may induce myelitis in susceptible individuals.](#) - GMI Summary

Pubmed Data : Eur J Neurol. 2001 Nov;8(6):711-5. PMID: [11784358](#)

Article Published Date : Nov 01, 2001

Authors : F Karaali-Savrun, A Altintaş, S Saip, A Siva

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Immune-mediated myelitis following hepatitis B vaccination has been reported.](#) - GMI Summary

Pubmed Data : Autoimmun Rev. 2012 Apr 1. Epub 2012 Apr 1. PMID: [22498789](#)

Article Published Date : Apr 01, 2012

Authors : Joerg-Patrick Stübgen

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Optic neuritis following hepatitis B vaccination has been reported.](#) n - GMI Summary

Pubmed Data : J Chin Med Assoc. 2009 Nov;72(11):594-7. PMID: [19948437](#)

Article Published Date : Nov 01, 2009

Authors : Muferet Erguven, Sirin Guven, Umit Akyuz, Olcay Bilgiç, Fuat Laloglu

Study Type : Human: Case Report

Additional Links

Diseases : [Optic Neuritis : CK\(23\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Simultaneous sudden infant death syndrome has been reported in twins two days after receiving mutiple vaccinations.](#) - GMI Summary

Pubmed Data : J Forensic Leg Med. 2007 Feb;14(2):87-91. PMID: [17654772](#)

Article Published Date : Feb 01, 2007

Authors : Yasemin Balci, Mehmet Tok, B Kenan Kocaturk, Cinar Yenilmez, Coşkun Yirulmaz

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Systemic lupus erythematosus has been triggered by hepatitis B vaccine.](#) - GMI Summary

Pubmed Data : Clin Nephrol. 2010 Aug;74(2):150-3. PMID: [20630136](#)

Article Published Date : Aug 01, 2010

Authors : D Santoro, G Vita, R Vita, A Mallamace, V Savica, G Bellinghieri, S Benvenega, S Gangemi

Study Type : Human: Case Report

Additional Links

Diseases : [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Adult rubella and adult hepatitis B vaccines were statistically associated with chronic arthritis which persisted for at least one year.](#) - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2002 Nov-Dec;20(6):767-71. PMID: [12508767](#)

Article Published Date : Nov 01, 2002

Authors : D A Geier, M R Geier

Study Type : Animal Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine alters the expression of 144 genes in the mouse liver within 1 day of vaccination, 7 of which are related to inflammation and metabolism.](#) - GMI Summary

Pubmed Data : Mol Biol Rep. 2011 Jun 21. Epub 2011 Jun 21. PMID: [21691704](#)

Article Published Date : Jun 21, 2011

Authors : Heyam Hamza, Jianhua Cao, Xinyun Li, Shuhong Zhao

Study Type : Animal Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccine induces cell death in liver cells and mouse liver.](#) - GMI Summary

Pubmed Data : Apoptosis. 2012 Jan 17. Epub 2012 Jan 17. PMID: [22249285](#)

Article Published Date : Jan 17, 2012

Authors : Heyam Hamza, Jianhua Cao, Xinyun Li, Changchun Li, Mengjin Zhu, Shuhong Zhao

Study Type : Animal Study

Additional Links

Diseases : [Liver Damage : CK\(597\) : AC\(213\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Problem Substances : [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

Adverse Pharmacological Actions : [Hepatotoxic : CK\(283\) : AC\(80\)](#)

[Newborn primates receiving mercury-containing hepatitis B vaccines exhibit neurodevelopmental delays.](#) - GMI Summary

Pubmed Data : J Toxicol Environ Health A. 2010 Jan;73(19):1298-313. PMID: [20711932](#)

Article Published Date : Jan 01, 2010

Authors : Laura Hewitson, Lisa A Houser, Carol Stott, Gene Sackett, Jaime L Tomko, David Atwood, Lisa Blue, E Railey White

Study Type : Animal Study

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Hepatitis B vaccination has the potential to induce central demyelinating disorders such as multiple sclerosis.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2006;66(1):84-6. Epub 2005 Sep 19. PMID: [16176857](#)

Article Published Date : Jan 01, 2006

Authors : Yannick Comenge, Marc Girard

Study Type : Commentary

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hepatitis B vaccinations is associated with autoimmune hazards. - GMI

Summary

Pubmed Data : Autoimmun Rev. 2005 Feb;4(2):96-100. PMID: [15722255](#)

Article Published Date : Feb 01, 2005

Authors : Marc Girard

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

Hepatitis B vaccines have a potential to occasionally trigger the onset of immune diseases in individuals with an underlying genetic or immunological susceptibility. - GMI Summary

Pubmed Data : J Neurol Sci. 2010 May 15;292(1-2):1-4. Epub 2010 Mar 7. PMID: [20207367](#)

Article Published Date : May 15, 2010

Authors : Joerg-Patrick Stübgen

Study Type : Review

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Dermatomyositis : CK\(44\) : AC\(10\)](#), [Myasthenia Gravis : CK\(82\) : AC\(14\)](#), [Neuromuscular Diseases : CK\(16\) : AC\(4\)](#), [Neuropathies : CK\(450\) : AC\(67\)](#), [Polyarteritis Nodosa : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

The demyelinating effect of hepatitis B vaccination could be due to the contamination of the vaccine by partial hepatitis B virus polymerase. - GMI Summary

Pubmed Data : Med Hypotheses. 2005;65(3):509-20. PMID: [15908138](#)

Article Published Date : Jan 01, 2005

Authors : E Faure

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

The hepatitis B vaccine may induce autoimmune demyelinating disease through the molecular mimicry that exists between the vaccine antigen, Epstein-Barr virus and human myelin. - GMI Summary

Pubmed Data : Med Hypotheses. 2008;70(2):346-8. Epub 2007 Jul 13. PMID: [17630224](#)

Article Published Date : Jan 01, 2008

Authors : Burton A Waisbren

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Epstein-Barr Virus Infections : CK\(100\) : AC\(43\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions. - GMI Summary

Pubmed Data : JAMA. 1994 May 25;271(20):1602-5. PMID: [8182813](#)

Article Published Date : May 25, 1994

Authors : K R Stratton, C J Howe, R B Johnston

Study Type : Review

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Neuritis: Brachial Plexus : CK\(1\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Vaccination may contribute to causing a wide variety of autoimmune disorders.](#)

- GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Vaccination: Diphtheria-Pertussis-Tetanus](#)

[DTP or tetanus vaccination increases the risk of allergies and related respiratory symptoms in children and adolescents.](#) - GMI Summary

Pubmed Data : J Manipulative Physiol Ther. 2000 Feb;23(2):81-90. PMID: [10714532](#)

Article Published Date : Feb 01, 2000

Authors : E L Hurwitz, H Morgenstern

Study Type : Meta Analysis

Additional Links

Diseases : [Allergies : CK\(502\) : AC\(92\)](#), [Allergies: Childhood : CK\(70\) : AC\(5\)](#), [Asthma : CK\(918\) : AC\(134\)](#), [Hypersensitivity : CK\(64\) : AC\(15\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Vaccination in infants less than 3 months is associated with an increased risk of sudden infant death syndrome.](#) - GMI Summary

Pubmed Data : Fundam Clin Pharmacol. 1995;9(3):263-70. PMID: [7557822](#)

Article Published Date : Jan 01, 1995

Authors : A P Jonville-Bera, E Autret, J Laugier

Study Type : Meta Analysis

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Vaccination is associated with a rare autoimmune neurological condition transverse myelitis. - GMI Summary

Pubmed Data : Lupus. 2009 Nov;18(13):1198-204. PMID: [19880568](#)

Article Published Date : Nov 01, 2009

Authors : N Agmon-Levin, S Kivity, M Szyper-Kravitz, Y Shoenfeld

Study Type : Meta Analysis

Additional Links

Diseases : [Myelitis](#) : CK(39) : AC(5), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Hepatitis B](#) : CK(347) : AC(48), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

Vaccination is associated with an increased risk for hemolytic anemia. - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7394-7. Epub 2009 Sep 18. PMID: [19766577](#)

Article Published Date : Dec 09, 2009

Authors : Allison L Naleway, Edward A Belongia, James G Donahue, Burney A Kieke, Jason M Glanz,

Study Type : Meta Analysis

Additional Links

Diseases : [Hemolytic Anemia](#) : CK(75) : AC(5), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

Acute necrotizing encephalopathy secondary to diphtheria, tetanus toxoid and whole-cell pertussis vaccination has been reported. - GMI Summary

Pubmed Data : Pediatr Radiol. 2010 Jul;40(7):1281-4. Epub 2010 Jan 30. PMID: [20119724](#)

Article Published Date : Jul 01, 2010

Authors : Hale Aydin, Esra Ozugul, Ahmet Muhtesem Agildere

Study Type : Human Study

Additional Links

Diseases : [Encephalopathy: Acute Necrotizing](#) : CK(20) : AC(2), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

Adverse effects of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis vaccine in 6- to 7-year-old children. - GMI Summary

Pubmed Data : Pediatr Neonatol. 2011 Feb;52(1):38-41. Epub 2011 Feb 17. PMID: [21385656](#)

Article Published Date : Feb 01, 2011

Authors : Sung-Hsi Wei, Yen-Nan Chao, Song-En Huang, Tsuey-Feng Lee, Luan-Yin Chang

Study Type : Human Study

Additional Links

Diseases : [Tetanus](#) : CK(32) : AC(5), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

Among female infants, those who receive both BCG and DTP vaccines experience higher mortality than those who receive only one of the two vaccines. - GMI Summary

Pubmed Data : Trop Med Int Health. 2005 Oct;10(10):947-55. PMID: [16185228](#)

Article Published Date : Oct 01, 2005

Authors : Lawrence H Moulton, Lakshmi Rahmathullah, Neal A Halsey, R D Thulasiraj, Joanne Katz, James M Tielsch

Study Type : Human Study

Additional Links

Diseases : [Infant Mortality](#) : CK(229) : AC(23), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: BCG \(Tuberculosis\)](#) : CK(33) : AC(4), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

Breastfeeding attenuates reductions in energy intake induced by a mild immunologic stimulus represented by DPTH immunization. - GMI Summary

Pubmed Data : J Nutr. 2002 Jun;132(6):1293-8. PMID: [12042449](#)

Article Published Date : Jun 01, 2002

Authors : Mardya López-Alarcón, Cutberto Garza, Jean-Pierre Habicht, Lourdes Martínez, Virginia Pegueros, Salvador Villalpando

Study Type : Human Study

Additional Links

Substances : [Breast Milk : CK\(428\) : AC\(49\)](#)

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Therapeutic Actions : [Breastfeeding : CK\(708\) : AC\(67\)](#)

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(971\) : AC\(348\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

Despite the CDC's current recommendation to vaccinate postpartum women before hospital discharge with the tetanus and diphtheria toxoids and acellular pertussis (Tdap) vaccine in order to prevent pertussis infection in their offspring, it does not reduce - GMI Summary

Pubmed Data : Clin Infect Dis. 2011 Nov 10. Epub 2011 Nov 10. PMID: [22075790](#)

Article Published Date : Nov 10, 2011

Authors : Luis A Castagnini, C Mary Healy, Marcia A Rench, Susan H Wootton, Flor M Munoz, Carol J Baker

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Diphtheria-tetanus-pertussis vaccine administered simultaneously with measles vaccine is associated with increased morbidity and poor growth in girls. - GMI Summary

Pubmed Data : Vaccine. 2011 Jan 10;29(3):487-500. Epub 2010 Nov 18. PMID: [21093496](#)

Article Published Date : Jan 10, 2011

Authors : J Agergaard, E Nante, G Poustrup, J Nielsen, K L Flanagan, L Østergaard, C S Benn, P Aaby

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Combinations : CK\(20\) : AC\(2\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

DPT vaccines have been associated with recurrent seizures. - GMI Summary

Pubmed Data : Am J Dis Child. 1984 Oct;138(10):908-11. PMID: [6206715](#)

Article Published Date : Oct 01, 1984

Authors : J V Murphy, L D Sarff, K M Marquardt

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Seizures : CK\(122\) : AC\(28\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

Hair mercury in breast-fed infants exposed to thimerosal-preserved vaccines indicates significant levels of exposure. - GMI Summary

Pubmed Data : Eur J Pediatr. 2007 Sep;166(9):935-41. Epub 2007 Jan 20. PMID: [17237965](#)

Article Published Date : Sep 01, 2007

Authors : Rejane C Marques, José G Dórea, Márlon F Fonseca, Wanderley R Bastos, Olaf Malm

Study Type : Human Study

Additional Links

Diseases : [Mercury Poisoning](#) : CK(162) : AC(44), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Therapeutic Actions : [Breastfeeding](#) : CK(708) : AC(67)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Hepatitis B](#) : CK(347) : AC(48)

[Incidence of adverse reactions to vaccines in pediatric populations are under-reported and may be as high as 43.4% for certain vaccine combinations.](#) - GMI
Summary

Pubmed Data : Clin Drug Investig. 2004;24(8):457-63. PMID: [17523706](#)

Article Published Date : Jan 01, 2004

Authors : Pilar Carrasco-Garrido, Carmen Gallardo-Pino, Rodrigo Jiménez-García, Miguel A Tapias, Angel Gil de Miguel

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26)

[Since the 1993 pertussis epidemic in Cincinnati occurred primarily among children who had been appropriately immunized, it is clear that the whole-cell pertussis vaccine failed to give full protection against the disease.](#) - GMI
Summary

Pubmed Data : N Engl J Med. 1994 Jul 7;331(1):16-21. PMID: [8202096](#)

Article Published Date : Jul 07, 1994

Authors : C D Christie, M L Marx, C D Marchant, S F Reising

Study Type : Human Study

Additional Links

Diseases : [Pertussis](#) : CK(142) : AC(14), [Whooping Cough](#) : CK(66) : AC(7)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Pertussis](#) : CK(116) : AC(14)

[Sudden infant death syndrome and DTP vaccine timing may be linked.](#) - GMI
Summary

Pubmed Data : Otol Neurotol. 2002 Jul;23(4):447-51. PMID: [6835859](#)

Article Published Date : Jul 01, 2002

Authors : L J Baraff, W J Ablon, R C Weiss

Study Type : Human Study

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

[Sudden Infant Death syndrome mortality rate in the period zero to three days following DTP was found to be 7.3 times higher than in the period 30 days after immunization.](#) - GMI
Summary

Pubmed Data : Am J Public Health. 1987 Aug;77(8):945-51. PMID: [3496805](#)

Article Published Date : Aug 01, 1987

Authors : A M Walker, H Jick, D R Perera, R S Thompson, T A Knauss

Study Type : Human Study

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Vaccine-induced Toxicity](#) : CK(1130)

: [AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[The association with DTwP vaccines and increased infant mortality in females may be due to vaccine adjuvants and Th2 polarizing effects.](#) - GMI Summary

Pubmed Data : J Trop Med. 2011 ;2011:706304. Epub 2011 May 5. PMID: [21760811](#)

Article Published Date : Jan 01, 2011

Authors : Mogens Helweg Claesson

Study Type : Human Study

Additional Links

Diseases : [Immune Dysregulation: TH1/TH2 imbalance : CK\(146\) : AC\(36\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Diphtheria : CK\(50\) : AC\(2\)](#)

Problem Substances : [Adjuvant : CK\(18\) : AC\(6\)](#), [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

[The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects.](#) - GMI Summary

Pubmed Data : J Radiol Prot. 2009 Sep;29(3):429-43. Epub 2009 Aug 18. PMID: [20166340](#)

Article Published Date : Sep 01, 2009

Authors : Elena Shneyer, Avshalom Strulov, Yaakov Rosenfeld

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Combinations : CK\(20\) : AC\(2\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[The use of misoprostol for early pregnancy failure after failed expectant management is less costly than curettage.](#) - GMI Summary

Pubmed Data : Hum Reprod. 2005 Apr;20(4):1067-71. Epub 2004 Dec 23. PMID: [15618248](#)

Article Published Date : Apr 01, 2005

Authors : G C M Graziosi, J W van der Steeg, P H W Reuwer, A P Drogtop, H W Bruinse, B W J Mol

Study Type : Human Study

Additional Links

Diseases : [Miscarriage : CK\(507\) : AC\(35\)](#), [Miscarriage: Medical Intervention : CK\(125\) : AC\(14\)](#)

Additional Keywords : [Surgical Alternatives : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Obstetric Interventions : CK\(989\) : AC\(64\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Thrombocytopenic purpura following vaccination in early childhood has been reported.](#) - GMI Summary

Pubmed Data : J Chin Med Assoc. 2010 Dec;73(12):634-7. PMID: [21145511](#)

Article Published Date : Dec 01, 2010

Authors : Yuh-Lin Hsieh, Lung-Huang Lin

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Vaccination timing and co-administration may be associated with increased mortality, especially in females.](#) - GMI Summary

Pubmed Data : Vaccine. 2006 May 29;24(22):4701-8. Epub 2006 Mar 31. PMID: [16621182](#)

Article Published Date : May 29, 2006

Authors : Peter Aaby, Henrik Jensen, Gijs Walraven

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Vaccination with measles after DTP and polio vaccine is associated with 2-fold increase in female mortality.](#) - GMI Summary

Pubmed Data : Pediatr Infect Dis J. 2007 Mar;26(3):247-52. PMID: [17484223](#)

Article Published Date : Mar 01, 2007

Authors : Peter Aaby, May-Lill Garly, Jens Nielsen, Henrik Ravn, Cesario Martins, Carlitos Balé, Amabelia Rodrigues, Christine Stabell Benn, Ida Maria Lisse

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[In 1985 twin boys simultaneously succumbed to sudden unexpected deaths two to three hours after vaccination with diphtheria, tetanus, and pertussis vaccine \(DTP\).](#) - GMI Summary

Pubmed Data : Arch Dis Child. 1987 Jul;62(7):754-9. PMID: [3498443](#)

Article Published Date : Jul 01, 1987

Authors : S C Roberts

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

[Simultaneous sudden infant death syndrome has been reported in twins two days after receiving mutiple vaccinations.](#) - GMI Summary

Pubmed Data : J Forensic Leg Med. 2007 Feb;14(2):87-91. PMID: [17654772](#)

Article Published Date : Feb 01, 2007

Authors : Yasemin Balci, Mehmet Tok, B Kenan Kocaturk, Cinar Yenilmez, Coşkun Yirulmaz

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Despite high coverage rates for primary immunization in infants and children pertussis incidence rates are increasing.](#) - GMI Summary

Pubmed Data : Pediatr Infect Dis J. 2005 May;24(5 Suppl):S10-8. PMID: [15876918](#)

Article Published Date : May 01, 2005

Authors : Tina Tan, Evelinda Trindade, Danuta Skowronski

Study Type : Review

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#)

Additional Keywords : [Vaccine Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

DTP vaccination may contribute to urinary tract disease and sudden infant death syndrome. - GMI Summary

Pubmed Data : Reprod Biomed Online. 2010 Jul;21(1):100-8. Epub 2010 Mar 30. PMID: [15356430](#)

Article Published Date : Jul 01, 2010

Authors : Joseph Prandota

Study Type : Commentary

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#), [Urinary Tract Infections : CK\(338\) : AC\(47\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

Provocation by vaccine injections can increase the risk of paralytic poliomyelitis by up to 25 fold. - GMI Summary

Pubmed Data : Dev Biol Stand. 1986;65:123-6. PMID: [3549394](#)

Article Published Date : Jan 01, 1986

Authors : H V Wyatt

Study Type : Review

Additional Links

Diseases : [Poliomyelitis : CK\(33\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions. - GMI Summary

Pubmed Data : JAMA. 1994 May 25;271(20):1602-5. PMID: [8182813](#)

Article Published Date : May 25, 1994

Authors : K R Stratton, C J Howe, R B Johnston

Study Type : Review

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Neuritis: Brachial Plexus : CK\(1\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

Underestimation of central nervous system complications after pertussis immunization appears to be prevalent. - GMI Summary

Pubmed Data : Acta Paediatr Jpn. 1991 Aug;33(4):421-7. PMID: [1792899](#)

Article Published Date : Aug 01, 1991

Authors : W Ehrengut

Study Type : Review

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Human Papillomavirus \(HPV\)](#) : CK(153) : AC(22), [Inflammatory Myopathy](#) : CK(81) : AC(5), [Macrophagic myofasciitis](#) : CK(15) : AC(3), [Multiple Sclerosis](#) : CK(716) : AC(133), [Rheumatoid Arthritis](#) : CK(424) : AC(64), [Systemic Lupus Erythematosus](#) : CK(387) : AC(54), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Vasculitis](#) : CK(48) : AC(11)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Haemophilus Influenzae](#) : CK(32) : AC(4), [Vaccination: Hepatitis B](#) : CK(347) : AC(48), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13), [Vaccination: Influenza](#) : CK(356) : AC(37), [Vaccination: Lyme disease](#) : CK(11) : AC(2), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26), [Vaccination: Rabies](#) : CK(4) : AC(3), [Vaccination: Rotavirus](#) : CK(33) : AC(6), [Vaccination: Tetanus](#) : CK(48) : AC(8), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

Topic: [Vaccination: Influenza](#)

[Inactivated flu vaccines have not been proven to be effective or safe in preventing influenza in healthy children under two.](#) - GMI Summary

Pubmed Data : Altern Ther Health Med. 2009 Sep-Oct;15(5):44-6. PMID: [18425905](#)

Article Published Date : Sep 01, 2009

Authors : Tom Jefferson, Alessandro Rivetti, Anthony Harnden, Carlo Di Pietrantonj, Vittorio Demicheli

Study Type : Meta Analysis

Additional Links

Diseases : [Cold and Flu: Infants & Children](#) : CK(62) : AC(6), [Infection: In Infants & Children](#) : CK(111) : AC(11), [Influenza A](#) : CK(305) : AC(73)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

[Influenza vaccination for healthcare workers who work with the elderly has no effect on laboratory-proven influenza, pneumonia or deaths from pneumonia.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2010(2):CD005187. Epub 2010 Feb 17. PMID: [20166073](#)

Article Published Date : Jan 01, 2010

Authors : Roger E Thomas, Tom Jefferson, Toby J Lasserson

Study Type : Meta Analysis

Additional Links

Diseases : [Elderly: Age Specific Diseases](#) : CK(442) : AC(37), [Influenza](#) : CK(654) : AC(102), [Pneumonia](#) : CK(330) : AC(40)

Anti Therapeutic Actions : [Vaccination: Influenza](#) : CK(356) : AC(37)

[Maternal influenza vaccination during pregnancy does not reduce the incidence of acute respiratory illness visits among infants.](#) - GMI Summary

Pubmed Data : Cancer Sci. 2004 Jul;95(7):596-601. PMID: [17146026](#)

Article Published Date : Jul 01, 2004

Authors : Eric K France, Renae Smith-Ray, David McClure, Simon Hambidge, Stanley Xu, Kristi Yamasaki, David Shay, Eric Weintraub, Alicia M Fry, Steve B Black, Henry R Shinefield, John P Mullooly, Lisa A Jackson

Study Type : Meta Analysis

Additional Links

Diseases : [Infant Infections](#) : CK(420) : AC(45), [Pregnancy: Vaccination](#) : CK(94) : AC(17), [Upper Respiratory Infections](#) : CK(972) : AC(92)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

[The effectiveness of the 2008-2009 seasonal flu vaccine in England was -6%.](#) - GMI Summary

Pubmed Data : Vaccine. 2011 Jan 31. Epub 2011 Jan 31. PMID: [21292008](#)

Article Published Date : Jan 31, 2011

Authors : Richard Pebody, Nick Andrews, Pauline Waight, Rashmi Malkani, Christine McCartney, Joanna

Ellis, Elizabeth Miller

Study Type : Meta Analysis

Additional Links

Anti Therapeutic Actions : [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[There is a lack of evidence for the effectiveness of influenza vaccines in adults aged 65 years or older.](#) - GMI Summary

Pubmed Data : Lancet Infect Dis. 2011 Oct 25. Epub 2011 Oct 25. PMID: [22032844](#)

Article Published Date : Oct 25, 2011

Authors : Michael T Osterholm, Nicholas S Kelley, Alfred Sommer, Edward A Belongia

Study Type : Meta Analysis

Additional Links

Diseases : [Elderly: Age Specific Diseases : CK\(442\) : AC\(37\)](#), [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[There is currently no evidence from randomised studies that influenza vaccine given to people with CF is of benefit to them.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2009 Oct 7;(4):CD001753. PMID: [19821281](#)

Article Published Date : Oct 07, 2009

Authors : Poonam Dharmaraj, Rosalind L Smyth

Study Type : Meta Analysis

Additional Links

Diseases : [Cystic Fibrosis : CK\(703\) : AC\(77\)](#)

Additional Keywords : [Vaccine Research : CK\(20\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[There is little evidence supporting the belief that vaccines are effective in preventing influenza in healthy adults.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2010(7):CD001269. Epub 2010 Jul 7. PMID: [20614424](#)

Article Published Date : Jan 01, 2010

Authors : Tom Jefferson, Carlo Di Pietrantonj, Alessandro Rivetti, Ghada A Bawazeer, Lubna A Al-Ansary, Eliana Ferroni

Study Type : Meta Analysis

Additional Links

Diseases : [Influenza A : CK\(305\) : AC\(73\)](#), [Influenza B : CK\(72\) : AC\(14\)](#)

Anti Therapeutic Actions : [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[There is no solid evidence available supporting the belief that vaccines are effective in preventing influenza in the elderly.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2010(2):CD004876. Epub 2010 Feb 17. PMID: [20166072](#)

Article Published Date : Jan 01, 2010

Authors : Tom Jefferson, Carlo Di Pietrantonj, Lubna A Al-Ansary, Eliana Ferroni, Sarah Thorning, Roger E Thomas

Study Type : Meta Analysis

Additional Links

Diseases : [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[We concluded that there is no credible evidence that vaccination of healthy people under the age of 60, who are healthcare workers caring for the elderly, affects influenza complications in those cared for.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2006 ;3:CD005187. Epub 2006 Jul 19. PMID: [16856082](#)

Article Published Date : Jan 01, 2006

Authors : R E Thomas, T Jefferson, V Demicheli, D Rivetti

Study Type : Meta Analysis

Additional Links

Diseases : [Influenza : CK\(654\) : AC\(102\)](#)

Additional Keywords : [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Annual influenza vaccination hampers the development of virus-specific CD8\(+\) T cell responses necessary to protect against influenza infection. - GMI](#)

Summary

Pubmed Data : J Virol. 2011 Nov ;85(22):11995-2000. Epub 2011 Aug 31. PMID: [21880755](#)

Article Published Date : Nov 01, 2011

Authors : Rogier Bodewes, Pieter L A Fraaij, Martina M Geelhoed-Mieras, Carel A van Baalen, Harm A W M Tiddens, Annemarie M C van Rossum, Fiona R van der Klis, Ron A M Fouchier, Albert D M E Osterhaus, Guus F Rimmelzwaan

Study Type : Human Study

Additional Links

Diseases : [Cystic Fibrosis : CK\(703\) : AC\(77\)](#), [Influenza : CK\(654\) : AC\(102\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Immunosuppressive : CK\(155\) : AC\(23\)](#)

[Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclampsia and adverse outcomes such as preterm birth. - GMI Summary](#)

Pubmed Data : Vaccine. 2011 Sep 20. Epub 2011 Sep 20. PMID: [21945263](#)

Article Published Date : Sep 20, 2011

Authors : Lisa M Christian, Jay D Iams, Kyle Porter, Ronald Glaser

Study Type : Human Study

Additional Links

Diseases : [CRP : CK\(30\) : AC\(3\)](#), [Elevated CRP : CK\(72\) : AC\(8\)](#), [Pre-Eclampsia : CK\(309\) : AC\(33\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Pregnancy Complications : CK\(166\) : AC\(19\)](#), [Preterm Birth: Prevention : CK\(111\) : AC\(9\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Interleukin-6 up-regulation : CK\(14\) : AC\(3\)](#), [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

[In the US the highest number of cases of Guillain-Barre syndrome are associated with influenza and hepatitis B vaccines. - GMI Summary](#)

Pubmed Data : J Clin Neuromuscul Dis. 2009 Sep;11(1):1-6. PMID: [19730016](#)

Article Published Date : Sep 01, 2009

Authors : Nizar Souayah, Abu Nasar, M Fareed K Suri, Adnan I Qureshi

Study Type : Human Study

Additional Links

Diseases : [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza A vaccination containing adjuvant causes cardiac autonomic dysfunction and inflammation which may transiently increase the risk of cardiovascular events. - GMI Summary](#)

Pubmed Data : J Intern Med. 2010 Sep 1. Epub 2010 Sep 1. PMID: [20964738](#)

Article Published Date : Sep 01, 2010

Authors : Gaetano A Lanza, Lucy Barone, Giancarla Scalone, Dario Pitocco, Gregory A Sgueglia, Roberto Mollo, Roberto Nerla, Francesco Zaccardi, Giovanni Ghirlanda, Filippo Crea

Study Type : Human Study

Additional Links

Diseases : [C-Reactive Protein : CK\(819\) : AC\(74\)](#), [Cardiovascular Diseases : CK\(5138\) : AC\(641\)](#), [Diabetes Mellitus: Type 2 : CK\(3492\) : AC\(341\)](#), [Influenza A : CK\(305\) : AC\(73\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Pharmacological Actions : [Interleukin-6 upregulation : CK\(26\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza vaccination does not prevent ischemic stroke and it does not reduce the rate of acute previous infections in stroke patients. - GMI Summary](#)

Pubmed Data : Cerebrovasc Dis. 2008;26(4):339-47. Epub 2008 Aug 27. PMID: [18728360](#)

Article Published Date : Jan 01, 2008

Authors : G Piñol-Ripoll, I de la Puerta, S Santos, F Purroy, E Mostacero

Study Type : Human Study

Additional Links

Diseases : [Stroke: Prevention : CK\(143\) : AC\(20\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza vaccines may be causing vasculitis. - GMI Summary](#)

Pubmed Data : J Ethnopharmacol. 2000 Aug;71(3):457-63. PMID: [19734734](#)

Article Published Date : Aug 01, 2000

Authors : Rainer Birck, Isabelle Kaelsch, Peter Schnuelle, Luis Felipe Flores-Suárez, Rainer Nowack

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza vaccines were not shown to be effective among children 6 to 59 months of age during 2 influenza seasons. - GMI Summary](#)

Pubmed Data : Anticancer Res. 2009 Nov;29(11):4629-32. PMID: [18838647](#)

Article Published Date : Nov 01, 2009

Authors : Peter G Szilagyi, Gerry Fairbrother, Marie R Griffin, Richard W Hornung, Stephanie Donauer, Ardythe Morrow, Mekibib Altaye, Yuwei Zhu, Sandra Ambrose, Kathryn M Edwards, Katherine A Poehling, Geraldine Lofthus, Michol Holloway, Lyn Finelli, Marika Iwane, Mary Allen Staat,

Study Type : Human Study

Additional Links

Diseases : [Childhood Infections : CK\(275\) : AC\(29\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza-related mortality is not prevented with increasing vaccination coverage. - GMI Summary](#)

Pubmed Data : Vaccine. 2006 Oct 30;24(42-43):6468-75. Epub 2006 Jul 7. PMID: [16876293](#)

Article Published Date : Oct 30, 2006

Authors : Caterina Rizzo, Cécile Viboud, Emanuele Montomoli, Lone Simonsen, Mark A Miller

Study Type : Human Study

Additional Links

Diseases : [Influenza A : CK\(305\) : AC\(73\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Prior receipt of seasonal flu vaccine \(2008-09 \)was associated with increased risk of medically attended pandemic H1N1 illness \(2008-09\). - GMI Summary](#)

Pubmed Data : PLoS Med. 2010;7(4):e1000258. Epub 2010 Apr 6. PMID: [20386731](#)

Article Published Date : Jan 01, 2010

Authors : Danuta M Skowronski, Gaston De Serres, Natasha S Crowcroft, Naveed Z Janjua, Nicole Boulianne, Travis S Hottes, Laura C Rosella, James A Dickinson, Rodica Gilca, Pam Sethi, Najwa Ouhoumane, Donald J Willison, Isabelle Rouleau, Martin Petric, Kevin Fonseca, Steven J Drews, Anuradha Rebbapragada, Hugues Charest, Marie-Eve Hamelin, Guy Boivin, Jennifer L Gardy, Yan Li, Trijntje L Kwindt, David M Patrick, Robert C Brunham,

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#)

Additional Keywords : [Immunosuppressive Flu Vaccines : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Seasonal influenza vaccine \(2008-2009\) is associated with an increased risk of influenza-like illness from pandemic H1N1 infection. - GMI Summary](#)

Pubmed Data : Clin Infect Dis. 2010 Nov 1;51(9):1017-1027. PMID: [20887210](#)

Article Published Date : Nov 01, 2010

Authors : Naveed Z Janjua, Danuta M Skowronski, Travis S Hottes, William Osei, Evan Adams, Martin Petric, Suzana Sabaiduc, Tracy Chan, Annie Mak, Marcus Lem, Patrick Tang, David M Patrick, Gaston De Serres, David Bowering

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#)

Additional Keywords : [Immunosuppressive Flu Vaccines : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Thirty-five percent of children with juvenile idiopathic arthritis experienced flare of the disease after vaccination. - GMI Summary](#)

Pubmed Data : Clin Exp Rheumatol. 2012 Mar 15. Epub 2012 Mar 15. PMID: [22513085](#)

Article Published Date : Mar 15, 2012

Authors : Natasa Toplak, Vesna Subelj, Tanja Kveder, Sasa Cucnik, Katarina Prosenec, Alenka Trampus-Bakija, Ljupco Todorovski, Tadej Avcin

Study Type : Human Study

Additional Links

Diseases : [Arthritis: Juvenile Idiopathic : CK\(20\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Adverse Pharmacological Actions : [Tumor necrosis factor \$\alpha\$ \(TNF \$\alpha\$ \) up-regulation : CK\(42\) : AC\(4\)](#)

[Vaccination for DPT, Hepatitis B and influenza has been reported to be associated with the development of erythema multiforme in an infant. - GMI Summary](#)

Pubmed Data : Indian J Dermatol Venereol Leprol. 2008 May-Jun;74(3):251-3. PMID: [18583795](#)

Article Published Date : May 01, 2008

Authors : Sarvjit Kaur, Sanjeev Handa

Study Type : Human Study

Additional Links

Diseases : [Erythema : CK\(44\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Widening influenza vaccine coverage is not correlated with declining mortality rates in any age group. The benefits of vaccination are substantially overestimated. - GMI Summary](#)

Pubmed Data : Arch Intern Med. 2005 Feb 14;165(3):265-72. PMID: [15710788](#)

Article Published Date : Feb 14, 2005

Authors : Lone Simonsen, Thomas A Reichert, Cecile Viboud, William C Blackwelder, Robert J Taylor, Mark A Miller

Study Type : Human Study

Additional Links

Diseases : [H1N1 Infection : CK\(467\) : AC\(87\)](#), [Influenza : CK\(654\) : AC\(102\)](#), [Influenza A : CK\(305\) : AC\(73\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Zinc supplementation has a beneficial effect on malaise, one of the influenza vaccine associated adverse events, and decrease serum TNF- \$\alpha\$ levels.](#) - GMI Summary

Pubmed Data : J Trace Elem Med Biol. 2011 Apr 21. Epub 2011 Apr 21. PMID: [21514808](#)

Article Published Date : Apr 21, 2011

Authors : S Songül Yalçın, Defne Engür-Karasınav, Dursun Alehan, Kadriye Yurdakök, Süheyla Ozkutlu, Turgay Coşkun

Study Type : Human Study

Additional Links

Substances : [Zinc : CK\(870\) : AC\(127\)](#)

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(971\) : AC\(348\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[A case of influenza vaccine induced have necrotizing glomerulonephritis in decursu vasculitis has been reported.](#) - GMI Summary

Pubmed Data : Pol Merkur Lekarski. 2005 Jul;19(109):75-7. PMID: [16194032](#)

Article Published Date : Jul 01, 2005

Authors : Lidia Hyla-Klekot, Grazyna Kucharska, Witold Cieslak

Study Type : Human: Case Report

Additional Links

Diseases : [Glomerulonephritis : CK\(41\) : AC\(9\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Acute transverse myelitis after influenza vaccination has been reported.](#) - GMI Summary

Pubmed Data : J Neuroimaging. 1996 Oct;6(4):248-50. PMID: [8903080](#)

Article Published Date : Oct 01, 1996

Authors : R Bakshi, J C Mazziotta

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Autoimmune hemolytic anemia following MF59-adjuvanted influenza vaccine has been reported.](#) - GMI Summary

Pubmed Data : Ann Pharmacother. 2011 Jan;45(1):e8. Epub 2010 Dec 28. PMID: [21189364](#)

Article Published Date : Jan 01, 2011

Authors : Sabrina Montagnani, Marco Tuccori, Giuseppe Lombardo, Arianna Testi, Stefania Mantarro, Elisa Ruggiero, Corrado Blandizzi

Study Type : Human: Case Report

Additional Links

Diseases : [Hemolytic Anemia : CK\(75\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Case report: a shoulder injury related to vaccine administration.](#) - GMI Summary

Pubmed Data : J Am Board Fam Med. 2012 Nov ;25(6):919-22. PMID: [23136333](#)

Article Published Date : Oct 31, 2012

Authors : Matthew G Barnes, Christopher Ledford, Karen Hogan

Study Type : Human: Case Report

Additional Links

Diseases : [Shoulder Injuries](#) : CK(23) : AC(2), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: Influenza](#) : CK(356) : AC(37)

[Delayed focal lipoatrophy after AS03-adjuvanted influenza A \(H1N1\) 2009 vaccine has been reported.](#) - GMI Summary

Pubmed Data : Vaccine. 2010 Dec 17. Epub 2010 Dec 17. PMID: [21172376](#)

Article Published Date : Dec 17, 2010

Authors : Emilie Javelle, Benjamin Soulier, Christian Brosset, Solène Lorcy, Fabrice Simon

Study Type : Human: Case Report

Additional Links

Diseases : [Lipoatrophy](#) : CK(3) : AC(1), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

[Development of fulminant Type 1 diabetes with thrombocytopenia after influenza vaccination has been observed.](#) - GMI Summary

Pubmed Data : Diabet Med. 2011 Jul 22. Epub 2011 Jul 22. PMID: [21781156](#)

Article Published Date : Jul 22, 2011

Authors : H Yasuda, M Nagata, H Moriyama, H Kobayashi, T Akisaki, H Ueda, K Hara, K Yokono

Study Type : Human: Case Report

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Diabetes Mellitus: Type 1](#) : CK(1107) : AC(218), [Thrombocytopenia](#) : CK(800) : AC(25), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

[Guillain-Barré syndrome following H1N1 immunization in a pediatric patient has been reported.](#) - GMI Summary

Pubmed Data : Ann Pharmacother. 2010 Jul-Aug;44(7-8):1330-3. Epub 2010 May 18. PMID: [20484170](#)

Article Published Date : Jul 01, 2010

Authors : Marie-Eve Tremblay, Aurélie Closon, Guy D'Anjou, Jean-François Bussières

Study Type : Human: Case Report

Additional Links

Diseases : [Childhood Infections](#) : CK(275) : AC(29), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Influenza](#) : CK(654) : AC(102), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

[H1N1 vaccination has been linked to possible new-onset seizure.](#) - GMI Summary

Pubmed Data : Pharmacotherapy. 2011 Jan;31(1):113. PMID: [21182364](#)

Article Published Date : Jan 01, 2011

Authors : [No authors listed]

Study Type : Human: Case Report

Additional Links

Diseases : [Influenza](#) : CK(654) : AC(102), [Seizures](#) : CK(122) : AC(28)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37)

[Influenza vaccination has been reported to cause miller fisher syndrome.](#) - GMI

Summary

Pubmed Data : Arch Neurol. 2011 Oct ;68(10):1327-9. PMID: [21987549](#)

Article Published Date : Oct 01, 2011

Authors : Ashkan Shoamanesh, Kristine Chapman, Anthony Traboulsee

Study Type : Human: Case Report

Additional Links

Diseases : [Guillain Barre Syndrome: Miller Fisher Variant : CK\(13\) : AC\(2\)](#), [Miller Fisher Syndrome : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Influenza vaccine has been reported to be a possible trigger of rhabdomyolysis induced acute renal failure in those taking statin drugs.](#) - GMI Summary

Pubmed Data : Nephrol Dial Transplant. 2000 May ;15(5):740-1. PMID: [10809833](#)

Article Published Date : May 01, 2000

Authors : E Plotkin, J Bernheim, S Ben-Chetrit, A Mor, Z Korzets

Study Type : Human: Case Report

Additional Links

Diseases : [Rhabdomyolysis : CK\(165\) : AC\(38\)](#), [Statin-Induced Pathologies : CK\(1570\) : AC\(315\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Problem Substances : [Statin Drugs : CK\(3969\) : AC\(465\)](#)

Adverse Pharmacological Actions : [Myotoxicity : CK\(317\) : AC\(79\)](#)

[ransverse myelitis has been reported in association with a nasal attenuated novel influenza A\(H1N1\) vaccine.](#) - GMI Summary

Pubmed Data : Arch Neurol. 2010 Aug;67(8):1018-20. PMID: [20697056](#)

Article Published Date : Aug 01, 2010

Authors : Wafa Akkad, Bassel Salem, Jerome W Freeman, Mark K Huntington

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Swine Flu Associated Virus : CK\(156\) : AC\(33\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Nasal : CK\(3\) : AC\(1\)](#)

[Influenza vaccines may induce hepatitis-B virus-related vasculitis and severe neuropathy.](#) - GMI Summary

Pubmed Data : J Cardiovasc Pharmacol. 2003 Sep;42(3):329-38. PMID: [18579284](#)

Article Published Date : Sep 01, 2003

Authors : Yuko Wada, Chie Yanagihara, Yo Nishimura, Nobuyuki Oka

Study Type : Commentary

Additional Links

Diseases : [Peripheral Neuropathies : CK\(394\) : AC\(31\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

[Swine flu vaccine adjuvants may cause harm in patients with autoimmune diseases such as multiple sclerosis.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2010 Feb 18. Epub 2010 Feb 18. PMID: [20171793](#)

Article Published Date : Feb 18, 2010

Authors : Serefnur Oztürk

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

- GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: Vaccination: Mumps-Measles-Rubella (MMR)

"The design and reporting of safety outcomes in MMR vaccine studies, both pre- and post-marketing, are largely inadequate." - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2012 ;2:CD004407. Epub 2012 Feb 15. PMID: [22336803](#)

Article Published Date : Dec 31, 2011

Authors : Vittorio Demicheli, Alessandro Rivetti, Maria Grazia Debalini, Carlo Di Pietrantonj

Study Type : Meta Analysis

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Mumps : CK\(41\) : AC\(1\)](#), [Rubella : CK\(54\) : AC\(4\)](#)

Additional Keywords : [Rubella : CK\(54\) : AC\(4\)](#), [Vaccine Safety : CK\(21\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Thimerosal-containing vaccines are associated with autism prevalence and measles-containing vaccines are associated with serious neurological disorders.

- GMI Summary

Pubmed Data : Med Sci Monit. 2004 Mar;10(3):PI33-9. Epub 2004 Mar 1. PMID: [14976450](#)

Article Published Date : Mar 01, 2004

Authors : David A Geier, Mark R Geier

Study Type : Meta Analysis

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Vaccination is associated with a rare autoimmune neurological condition transverse myelitis. - GMI Summary

Pubmed Data : Lupus. 2009 Nov;18(13):1198-204. PMID: [19880568](#)

Article Published Date : Nov 01, 2009

Authors : N Agmon-Levin, S Kivity, M Szyper-Kravitz, Y Shoenfeld

Study Type : Meta Analysis

Additional Links

Diseases : [Myelitis : CK\(39\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease. - GMI Summary

Pubmed Data : Pediatrics. 2003 Aug;112(2):e98-103. PMID: [12897314](#)

Article Published Date : Aug 01, 2003

Authors : Thomas Verstraeten, Aisha O Jumaan, John P Mullooly, Jane F Seward, Hector S Izurieta, Frank DeStefano, Steven B Black, Robert T Chen,

Study Type : Human Study

Additional Links

Diseases : [Asthma : CK\(918\) : AC\(134\)](#), [Chickenpox : CK\(80\) : AC\(8\)](#), [Corticosteroid-Induced Toxicity : CK\(78\) : AC\(17\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Autistic children have elevated levels of measles antibodies indicating that measles vaccination may be causing autoimmunity in these children. - GMI Summary

Pubmed Data : Pediatr Neurol. 2003 Apr;28(4):292-4. PMID: [12849883](#)

Article Published Date : Apr 01, 2003

Authors : Vijendra K Singh, Ryan L Jensen

Study Type : Human Study

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Children vaccinated with MMR before age 10 are at significantly higher risk of multiple sclerosis. - GMI Summary

Pubmed Data : Eur J Epidemiol. 2009;24(9):541-52. Epub 2009 Jul 26. PMID: [19633994](#)

Article Published Date : Jan 01, 2009

Authors : Cecilia Ahlgren, Kjell Torén, Anders Odén, Oluf Andersen

Study Type : Human Study

Additional Links

Diseases : [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

Combined MMR and varicella live vaccine is associated with higher rates of febrile convulsion than giving the vaccines separately. - GMI Summary

Pubmed Data : Vaccine. 2009 Jul 23;27(34):4656-61. Epub 2009 Jun 9. PMID: [19520201](#)

Article Published Date : Jul 23, 2009

Authors : Steven J Jacobsen, Bradley K Ackerson, Lina S Sy, Trung N Tran, Tonia L Jones, Janis F Yao, Fagen Xie, T Craig Cheetham, Patricia Saddier

Study Type : Human Study

Additional Links

Diseases : [Febrile Seizures : CK\(83\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Fifty-one percent of cases of patients in a 1998/1999 mumps outbreak had at least one MMR vaccination, indicating their effectiveness may be overestimated. - GMI Summary

Pubmed Data : Vaccine. 2005 Jul 1 ;23(31):4070-4. PMID: [15950329](#)

Article Published Date : Jun 30, 2005

Authors : Richard Harling, Joanne M White, Mary E Ramsay, Karen F Macsween, Corry van den Bosch

Study Type : Human Study

Additional Links

Diseases : [Mumps](#) : [CK\(41\)](#) : [AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : [CK\(228\)](#) : [AC\(26\)](#)

[Incidence of adverse reactions to vaccines in pediatric populations are under-reported and may be as high as 43.4% for certain vaccine combinations. - GMI](#)

Summary

Pubmed Data : Clin Drug Investig. 2004;24(8):457-63. PMID: [17523706](#)

Article Published Date : Jan 01, 2004

Authors : Pilar Carrasco-Garrido, Carmen Gallardo-Pino, Rodrigo Jiménez-García, Miguel A Tapias, Angel Gil de Miguel

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity](#) : [CK\(1130\)](#) : [AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All](#) : [CK\(3874\)](#) : [AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : [CK\(283\)](#) : [AC\(31\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : [CK\(228\)](#) : [AC\(26\)](#)

[Measles virus DNA from the MMR vaccine has been found in peripheral mononuclear cells in patients with ulcerative colitis and children with autism, indicating its possible role in the pathogenesis of these disorders. - GMI](#)

Summary

Pubmed Data : Dig Dis Sci. 2000 Apr;45(4):723-9. PMID: [10759242](#)

Article Published Date : Apr 01, 2000

Authors : H Kawashima, T Mori, Y Kashiwagi, K Takekuma, A Hoshika, A Wakefield

Study Type : Human Study

Additional Links

Diseases : [Autism Spectrum Disorders](#) : [CK\(1140\)](#) : [AC\(108\)](#), [Inflammatory Bowel Diseases](#) : [CK\(1227\)](#) : [AC\(103\)](#), [Ulcerative Colitis](#) : [CK\(429\)](#) : [AC\(39\)](#), [Vaccine-induced Toxicity](#) : [CK\(1130\)](#) : [AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All](#) : [CK\(3874\)](#) : [AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : [CK\(228\)](#) : [AC\(26\)](#)

[Measles, mumps, and rubella catch up immunisation in a measles epidemic did not appear to confer protection and was associated with a variety of new side effects of the vaccine. - GMI Summary](#)

Pubmed Data : BMJ. 1995 Jun 24 ;310(6995):1629-32. PMID: [7795447](#)

Article Published Date : Jun 23, 1995

Authors : R J Roberts, Q D Sandifer, M R Evans, M Z Nolan-Farrell, P M Davis

Study Type : Human Study

Additional Links

Diseases : [Measles](#) : [CK\(193\)](#) : [AC\(8\)](#), [Mumps](#) : [CK\(41\)](#) : [AC\(1\)](#), [Rubella](#) : [CK\(54\)](#) : [AC\(4\)](#)

Additional Keywords : [Vaccine Failure](#) : [CK\(123\)](#) : [AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All](#) : [CK\(3874\)](#) : [AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : [CK\(228\)](#) : [AC\(26\)](#)

[Measles-mumps-rubella vaccine that is given in the second year of life is associated with an increased risk of immune thrombocytopenia purpura. - GMI](#)

Summary

Pubmed Data : Pediatrics. 2008 Mar;121(3):e687-92. PMID: [18310189](#)

Article Published Date : Mar 01, 2008

Authors : Eric K France, Jason Glanz, Stanley Xu, Simon Hambidge, Kristi Yamasaki, Steve B Black, Michael Marcy, John P Mullooly, Lisa A Jackson, James Nordin, Edward A Belongia, K Hohman, Robert T Chen, Robert Davis,

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[MMR vaccination is associated with an increased risk for idiopathic thrombocytopaenic purpura.](#) - GMI Summary

Pubmed Data : Br J Clin Pharmacol. 2003 Jan;55(1):107-11. PMID: [12534647](#)

Article Published Date : Jan 01, 2003

Authors : Corri Black, James A Kaye, Hershel Jick

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[MMR vaccination is associated with an increased risk of developing acute immune thrombocytopenia in childhood.](#) - GMI Summary

Pubmed Data : Drug Saf. 2010;33(1):65-72. PMID: [20000868](#)

Article Published Date : Jan 01, 2010

Authors : Federica Bertuola, Carla Morando, Francesca Menniti-Ippolito, Roberto Da Cas, Annalisa Capuano, Giorgio Perilongo, Liviana Da Dalt

Study Type : Human Study

Additional Links

Diseases : [Thrombocytopenia : CK\(800\) : AC\(25\)](#)

Anti Therapeutic Actions : [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects.](#) - GMI Summary

Pubmed Data : J Radiol Prot. 2009 Sep;29(3):429-43. Epub 2009 Aug 18. PMID: [20166340](#)

Article Published Date : Sep 01, 2009

Authors : Elena Shneyer, Avshalom Strulov, Yaakov Rosenfeld

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Combinations : CK\(20\) : AC\(2\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein \(the protective coating of the nerves\) contributing to the pathogenesis of autism.](#) - GMI Summary

Pubmed Data : J Biomed Sci. 2002 Jul-Aug;9(4):359-64. PMID: [12145534](#)

Article Published Date : Jul 01, 2002

Authors : Vijendra K Singh, Sheren X Lin, Elizabeth Newell, Courtney Nelson

Study Type : Human Study

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Thrombocytopenic purpura following vaccination in early childhood has been reported.](#) - GMI Summary

Pubmed Data : J Chin Med Assoc. 2010 Dec;73(12):634-7. PMID: [21145511](#)

Article Published Date : Dec 01, 2010

Authors : Yuh-Lin Hsieh, Lung-Huang Lin

Study Type : Human Study

Additional Links

Diseases : [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Vaccination timing and co-administration may be associated with increased mortality, especially in females. - GMI Summary](#)

Pubmed Data : Vaccine. 2006 May 29;24(22):4701-8. Epub 2006 Mar 31. PMID: [16621182](#)

Article Published Date : May 29, 2006

Authors : Peter Aaby, Henrik Jensen, Gijs Walraven

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Vaccination-associated adverse events occur in approximately 1 of every 6 toddlers receiving measles-mumps-rubella vaccine dose 1, with high fever occurring in 1 of 20 - GMI Summary](#)

Pubmed Data : Pediatrics. 2006 Oct;118(4):1422-30. PMID: [17015532](#)

Article Published Date : Oct 01, 2006

Authors : Charles W LeBaron, Daoling Bi, Bradley J Sullivan, Carol Beck, Paul Gargiullo

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination. - GMI Summary](#)

Pubmed Data : J Neurosci Res. 2001 Sep 1;65(5):446-54. PMID: [11536329](#)

Article Published Date : Sep 01, 2001

Authors : C Besson Duvanel, P Honegger, J M Matthieu

Study Type : Animal Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Aborted fetal cells \(diploid\) have been used to create the rubella, measles, mumps, rabies, polio, smallpox, hepatitis A, chickenpox, and herpes zoster vaccines. - GMI Summary](#)

Pubmed Data : Cuad Bioet. 2008 May-Aug;19(66):321-53. PMID: [18611078](#)

Article Published Date : May 01, 2008

Authors : José Luís Redondo Calderón

Study Type : Review

Additional Links

Additional Keywords : [Diploid Cell Vaccines : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Autoimmune autistic disorder, a major subset of autism, is associated with autoantibody formation caused by viral \(wild and vaccine-induced\) infection.](#) - GMI Summary

Pubmed Data : Ann Clin Psychiatry. 2009 Jul-Sep;21(3):148-61. PMID: [19758536](#)

Article Published Date : Jul 01, 2009

Authors : Vijendra K Singh

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[Biological assays lend support to the association between measles virus or MMR and autism.](#) - GMI Summary

Pubmed Data : J Neurovirol. 2005 Feb ;11(1):1-10. PMID: [15804954](#)

Article Published Date : Jan 31, 2005

Authors : Jane E Libbey, Thayne L Sweeten, William M McMahon, Robert S Fujinami

Study Type : Review

Additional Links

Diseases : [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#)

Anti Therapeutic Actions : [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[MMR vaccine may induce autoantibody formation against the gut \(secretin or its receptor\) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2003 May;60(5):650-3. PMID: [12710897](#)

Article Published Date : May 01, 2003

Authors : Bijal K Mehta, Kerim M Munir

Study Type : Commentary

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Molecular Mimicry : CK\(47\) : AC\(10\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.](#) - GMI Summary

Pubmed Data : JAMA. 1994 May 25;271(20):1602-5. PMID: [8182813](#)

Article Published Date : May 25, 1994

Authors : K R Stratton, C J Howe, R B Johnston

Study Type : Review

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Neuritis: Brachial Plexus : CK\(1\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Vaccination may contribute to causing a wide variety of autoimmune disorders.](#) - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Vaccination: Varicella \(Chicken pox\)](#)

[Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease. - GMI Summary](#)

Pubmed Data : Pediatrics. 2003 Aug;112(2):e98-103. PMID: [12897314](#)

Article Published Date : Aug 01, 2003

Authors : Thomas Verstraeten, Aisha O Jumaan, John P Mullooly, Jane F Seward, Hector S Izurieta, Frank DeStefano, Steven B Black, Robert T Chen,

Study Type : Human Study

Additional Links

Diseases : [Asthma : CK\(918\) : AC\(134\)](#), [Chickenpox : CK\(80\) : AC\(8\)](#), [Corticosteroid-Induced Toxicity : CK\(78\) : AC\(17\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Approximately 1 in every 5 children who receives 1 dose of varicella vaccine may develop varicella disease, also known as breakthrough disease, if exposed to varicella-zoster virus. - GMI Summary](#)

Pubmed Data : J Infect Dis. 2008 Mar 1 ;197 Suppl 2:S127-31. PMID: [18419385](#)

Article Published Date : Feb 29, 2008

Authors : Sandra S Chaves, John Zhang, Rachel Civen, Barbara M Watson, Tina Carbajal, Dana Perella, Jane F Seward

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#)

Additional Keywords : [Vaccine Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Between 1995 and 2005 25,306 adverse events were reported from varicella vaccine. - GMI Summary](#)

Pubmed Data : J Infect Dis. 2008 Mar 1;197 Suppl 2:S170-7. PMID: [18419393](#)

Article Published Date : Mar 01, 2008

Authors : Sandra S Chaves, Penina Haber, Kimp Walton, Robert P Wise, Hector S Izurieta, D Scott Schmid, Jane F Seward

Study Type : Human Study

Additional Links

Diseases : [Herpes Zoster : CK\(470\) : AC\(35\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Combined MMR and varicella live vaccine is associated with higher rates of febrile convulsion than giving the vaccines separately. - GMI Summary](#)

Pubmed Data : Vaccine. 2009 Jul 23;27(34):4656-61. Epub 2009 Jun 9. PMID: [19520201](#)

Article Published Date : Jul 23, 2009

Authors : Steven J Jacobsen, Bradley K Ackerson, Lina S Sy, Trung N Tran, Tonia L Jones, Janis F Yao, Fagen Xie, T Craig Cheetham, Patricia Saddier

Study Type : Human Study

Additional Links

Diseases : [Febrile Seizures : CK\(83\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Increasing varicella vaccine coverage in Australia between 1998-2009 corresponds with increased levels of herpes zoster \(shingles\) cases managed in the same time period.](#) - GMI Summary

Pubmed Data : Med J Aust. 2010 Jul 19;193(2):110-3. PMID: [20642419](#)

Article Published Date : Jul 19, 2010

Authors : Mark R Nelson, Helena C Britt, Christopher M Harrison

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Shingles : CK\(521\) : AC\(33\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Chicken Pox \(Varicella\) Shingles \(Herpes Zoster\) Connection : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Loss of vaccine-induced immunity to varicella over time.](#) - GMI Summary

Pubmed Data : N Engl J Med. 2007 Mar 15 ;356(11):1121-9. PMID: [17360990](#)

Article Published Date : Mar 14, 2007

Authors : Sandra S Chaves, Paul Gargiullo, John X Zhang, Rachel Civen, Dalya Guris, Laurene Mascola, Jane F Seward

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Near complete vaccination coverage for varicella does not prevent outbreaks in those treated.](#) - GMI Summary

Pubmed Data : Pediatrics. 2006 Jun;117(6):e1070-7. PMID: [16740809](#)

Article Published Date : Jun 01, 2006

Authors : Adriana S Lopez, Dalya Guris, Laura Zimmerman, Linda Gladden, Tamara Moore, Dirk T Haselow, Vladimir N Loparev, D Scott Schmid, Aisha O Jumaan, Sandra L Snow

Study Type : Human Study

Additional Links

Diseases : [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Vaccination for rabies, varicella or Lyme disease may result in acute or subacute post-vaccination small fiber neuropathy.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7322-5. Epub 2009 Oct 4. PMID: [19808027](#)

Article Published Date : Dec 09, 2009

Authors : Nizar Souayah, Senda Ajroud-Driss, Howard W Sander, Thomas H Brannagan, Arthur P Hays, Russell L Chin

Study Type : Human Study

Additional Links

Diseases : [Lyme Disease : CK\(32\) : AC\(9\)](#), [Neuropathy: Small Fiber : CK\(10\) : AC\(1\)](#), [Rabies : CK\(13\) :](#)

[AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella outbreaks occur in vaccinated populations, even when receiving 2 doses.](#) - GMI Summary

Pubmed Data : [Pediatr Infect Dis J. 2009 Aug;28\(8\):678-81. PMID: 19593254](#)

Article Published Date : Aug 01, 2009

Authors : Philip L Gould, Jessica Leung, Connie Scott, D Scott Schmid, Helen Deng, Adriana Lopez, Sandra S Chaves, Meredith Reynolds, Linda Gladden, Rafael Harpaz, Sandra Snow

Study Type : Human Study

Additional Links

Diseases : [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine has been associated with viremia and streptococcal toxic shock syndrome.](#) - GMI Summary

Pubmed Data : [Med J Aust. 2009 Apr 20;190\(8\):451-3. PMID: 19374621](#)

Article Published Date : Apr 20, 2009

Authors : Claire M Italiano, Cheryl S Toi, Simon P Chan, Dominic E Dwyer

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Viremia : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine has been reported to cause chronic, acyclovir-resistant herpes zoster infection in an immunosuppressed child.](#) - GMI Summary

Pubmed Data : [J Infect Dis. 2003 Oct 1;188\(7\):954-9. Epub 2003 Sep 26. PMID: 14513413](#)

Article Published Date : Oct 01, 2003

Authors : Myron J Levin, Karen M Dahl, Adriana Weinberg, Roger Giller, Amita Patel, Philip R Krause

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Additional Keywords : [Acyclovir-Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine has been reported to viral meningitis in an immunocompetent child.](#) - GMI Summary

Pubmed Data : [Ann Emerg Med. 2009 Jun;53\(6\):792-5. Epub 2008 Nov 22. PMID: 19028409](#)

Article Published Date : Jun 01, 2009

Authors : Sujit Iyer, Manoj K Mittal, Richard L Hodinka

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#), [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Meningitis: Viral : CK\(20\) : AC\(2\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Additional Keywords : [Undefined : CK\(14\) : AC\(3\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine may be associated with aplastic anemia in children.](#) - GMI Summary

Pubmed Data : Pediatr Infect Dis J. 2009 Aug;28(8):746-8. PMID: [19633522](#)

Article Published Date : Aug 01, 2009

Authors : Paola Angelini, Fotini Kavadas, Navneet Sharma, Susan E Richardson, Graham Tipples, Chaim Roifman, Yigal Dror, Yehuda Nofech-Mozes

Study Type : Human Study

Additional Links

Diseases : [Anemia: Aplastic : CK\(30\) : AC\(3\)](#), [Chickenpox : CK\(80\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine virus can be contagious and infect others - Article 2.](#) - GMI Summary

Pubmed Data : J Infect Dis. 1997 Oct;176(4):1072-5. PMID: [9333170](#)

Article Published Date : Oct 01, 1997

Authors : P LaRussa, S Steinberg, F Meurice, A Gershon

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella vaccine virus can be contagious and infect others.](#) - GMI Summary

Pubmed Data : Homeopathy. 2009 Apr;98(2):77-82. PMID: [9255208](#)

Article Published Date : Apr 01, 2009

Authors : M B Salzman, R G Sharrar, S Steinberg, P LaRussa

Study Type : Human Study

Additional Links

Diseases : [Chickenpox : CK\(80\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Varicella-zoster vaccine has been linked to herpes zoster ophthalmicus and encephalitis as possible, though rare side effects.](#) - GMI Summary

Pubmed Data : Pediatrics. 2010 Apr;125(4):e969-72. Epub 2010 Mar 1. PMID: [20194287](#)

Article Published Date : Apr 01, 2010

Authors : Giorgos Chouliaras, Vana Spoulou, Mark Quinlivan, Judith Breuer, Maria Theodoridou

Study Type : Human Study

Additional Links

Diseases : [Encephalitis : CK\(23\) : AC\(4\)](#), [Herpes: Ocular : CK\(12\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

["Varicella vaccination is less effective than the natural immunity that existed in prevaccine communities."](#) - GMI Summary

Pubmed Data : Vaccine. 2012 Jun 1. Epub 2012 Jun 1. PMID: [22659447](#)

Article Published Date : May 31, 2012

Authors : G S Goldman, P G King

Study Type : Review

Additional Links

Anti Therapeutic Actions : [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Aborted fetal cells \(diploid\) have been used to create the rubella, measles, mumps, rabies, polio, smallpox, hepatitis A, chickenpox, and herpes zoster vaccines.](#) - GMI Summary

Pubmed Data : Cuad Bioet. 2008 May-Aug;19(66):321-53. PMID: [18611078](#)

Article Published Date : May 01, 2008

Authors : José Lu s Redondo Calder n

Study Type : Review

Additional Links

Additional Keywords : [Diploid Cell Vaccines](#) : CK(1) : AC(1)

Anti Therapeutic Actions : [Vaccination: Adult Rubella](#) : CK(24) : AC(5), [Vaccination: Measles](#) : CK(156) : AC(16), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26), [Vaccination: Rabies](#) : CK(4) : AC(3), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

[Vaccination may contribute to causing a wide variety of autoimmune disorders.](#)

- GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Human Papillomavirus \(HPV\)](#) : CK(153) : AC(22), [Inflammatory Myopathy](#) : CK(81) : AC(5), [Macrophagic myofasciitis](#) : CK(15) : AC(3), [Multiple Sclerosis](#) : CK(716) : AC(133), [Rheumatoid Arthritis](#) : CK(424) : AC(64), [Systemic Lupus Erythematosus](#) : CK(387) : AC(54), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Vasculitis](#) : CK(48) : AC(11)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Haemophilus Influenzae](#) : CK(32) : AC(4), [Vaccination: Hepatitis B](#) : CK(347) : AC(48), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13), [Vaccination: Influenza](#) : CK(356) : AC(37), [Vaccination: Lyme disease](#) : CK(11) : AC(2), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26), [Vaccination: Rabies](#) : CK(4) : AC(3), [Vaccination: Rotavirus](#) : CK(33) : AC(6), [Vaccination: Tetanus](#) : CK(48) : AC(8), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

[Viruses \(wild-type or recombinant vaccine-type\) can silently prime for and trigger central nervous system autoimmune disease.](#)

- GMI Summary

Pubmed Data : J Neurovirol. 2001 Jun;7(3):220-7. PMID: [11517396](#)

Article Published Date : Jun 01, 2001

Authors : D J Theil, I Tsunoda, F Rodriguez, J L Whitton, R S Fujinami

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Multiple Sclerosis](#) : CK(716) : AC(133)

Additional Keywords : [Diseases that are Linked](#) : CK(2122) : AC(270)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

Topic: [Vaccination: Polio](#)

[Vaccination in infants less than 3 months is associated with an increased risk of sudden infant death syndrome.](#)

- GMI Summary

Pubmed Data : Fundam Clin Pharmacol. 1995;9(3):263-70. PMID: [7557822](#)

Article Published Date : Jan 01, 1995

Authors : A P Jonville-Bera, E Autret, J Laugier

Study Type : Meta Analysis

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Polio](#) : CK(94) : AC(15)

[At the present time, the only poliovirus-caused poliomyelitis cases reported in Brazil and other countries of the Americas are of vaccine etiology.](#)

Summary

Pubmed Data : Rev Panam Salud Publica. 2000 Apr;7(4):219-24. PMID: [10846924](#)

Article Published Date : Apr 01, 2000

Authors : L H de Oliveira, C J Struchiner

Study Type : Human Study

Additional Links

Diseases : [Poliomyelitis : CK\(33\) : AC\(4\)](#)

Additional Keywords : [Iatrogenic Poliomyelitis : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Paralytic poliomyelitis associated with bivalent oral polio vaccines occurs at a rate over up to 70-fold higher than monovalent oral polio vaccine in Hungary.](#) - GMI Summary

Pubmed Data : Am J Epidemiol. 2011 Aug 1 ;174(3):316-25. Epub 2011 Jun 17. PMID: [21685412](#)

Article Published Date : Jul 31, 2011

Authors : Concepción F Estívariz, Zsuzsanna Molnár, Linda Venczel, Beatrix Kapusinszky, James A Zingeser, Galina Y Lipskaya, Olen M Kew, György Berencsi, Agnes Csohán

Study Type : Human Study

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Oral Polio Vaccine : CK\(10\) : AC\(1\)](#), [Vaccination: Oral Polio Vaccine, Bivalent : CK\(10\) : AC\(1\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects.](#) - GMI Summary

Pubmed Data : J Radiol Prot. 2009 Sep;29(3):429-43. Epub 2009 Aug 18. PMID: [20166340](#)

Article Published Date : Sep 01, 2009

Authors : Elena Shneyer, Avshalom Strulov, Yaakov Rosenfeld

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Combinations : CK\(20\) : AC\(2\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[The oral polio vaccine is unlikely to be able to eradicate polio from India.](#) - GMI Summary

Pubmed Data : Vaccine. 2008 Apr 16 ;26(17):2058-61. Epub 2008 Mar 14. PMID: [18378367](#)

Article Published Date : Apr 16, 2008

Authors : Yash Paul

Study Type : Human Study

Additional Links

Diseases : [Polio : CK\(19\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Vaccination with measles after DTP and polio vaccine is associated with 2-fold increase in female mortality.](#) - GMI Summary

Pubmed Data : Pediatr Infect Dis J. 2007 Mar;26(3):247-52. PMID: [17484223](#)

Article Published Date : Mar 01, 2007

Authors : Peter Aaby, May-Lill Garly, Jens Nielsen, Henrik Ravn, Cesario Martins, Carlitos Balé, Amabelia Rodrigues, Christine Stabell Benn, Ida Maria Lisse

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Vaccine-associated paralytic poliomyelitis (VAPP) has emerged as the predominant form of the disease in the United States since 1980. - GMI

Summary

Pubmed Data : Clin Infect Dis. 1992 Feb;14(2):568-79. PMID: [1554844](#)

Article Published Date : Feb 01, 1992

Authors : P M Strebel, R W Sutter, S L Cochi, R J Biellik, E W Brink, O M Kew, M A Pallansch, W A Orenstein, A R Hinman

Study Type : Human Study

Additional Links

Diseases : [Poliomyelitis : CK\(33\) : AC\(4\)](#)

Additional Keywords : [Iatrogenic Poliomyelitis : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Some oral poliovirus vaccines were contaminated with infectious SV40 after 1961. - GMI Summary

Pubmed Data : Cancer Res. 2005 Nov 15 ;65(22):10273-9. PMID: [16288015](#)

Article Published Date : Nov 15, 2005

Authors : Rochelle Cutrone, John Lednicky, Glynis Dunn, Paola Rizzo, Maurizio Bocchetta, Konstantin Chumakov, Philip Minor, Michele Carbone

Study Type : Human In Vitro

Additional Links

Diseases : [Simian virus 40 \(SV40\) : CK\(7\) : AC\(5\)](#)

Additional Keywords : [Vaccine Contamination : CK\(5\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Problem Substances : [Simian virus 40 \(SV40\) : CK\(84\) : AC\(16\)](#)

Simultaneous sudden infant death syndrome has been reported in twins two days after receiving mutiple vaccinations. - GMI Summary

Pubmed Data : J Forensic Leg Med. 2007 Feb;14(2):87-91. PMID: [17654772](#)

Article Published Date : Feb 01, 2007

Authors : Yasemin Balci, Mehmet Tok, B Kenan Kocaturk, Cinar Yenilmez, Coşkun Yirulmaz

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\) : CK\(138\) : AC\(18\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

"New strategies for the elimination of polio from India." - GMI Summary

Pubmed Data : Science. 2006 Nov 17 ;314(5802):1150-3. PMID: [17110580](#)

Article Published Date : Nov 17, 2006

Authors : Nicholas C Grassly, Christophe Fraser, Jay Wenger, Jagadish M Deshpande, Roland W Sutter, David L Heymann, R Bruce Aylward

Study Type : Review

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Differential diagnosis of acute flaccid paralysis and its role in poliomyelitis surveillance. - GMI Summary

Pubmed Data : Epidemiol Rev. 2000 ;22(2):298-316. PMID: [11218380](#)

Article Published Date : Jan 01, 2000

Authors : A Marx, J D Glass, R W Sutter

Study Type : Review

Additional Links

Diseases : [Acute Flaccid Paralysis : CK\(3\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

In 2011, there were an extra 47,500 new cases of non-polio acute flaccid paralysis (NPAFP); Clinically indistinguishable from polio paralysis but twice as deadly, the incidence of NPAFP was directly proportional to doses of oral polio received. - GMI Summary

Pubmed Data : Indian J Med Ethics. 2012 Apr-Jun;9(2):114-7. PMID: [22591873](#)

Article Published Date : Apr 01, 2012

Authors : Neetu Vashisht, Jacob Puliyeel

Study Type : Review

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Over 40,000 cases of AFP are reported annually since 2007 regardless of the number of actual polio cases. - GMI Summary

Pubmed Data : BMC Public Health. 2012 ;12:229. Epub 2012 Mar 22. PMID: [22439606](#)

Article Published Date : Jan 01, 2012

Authors : Rie R Yotsu, Katharine Abba, Helen Smith, Abhijit Das

Study Type : Review

Additional Links

Diseases : [Acute Flaccid Paralysis : CK\(3\) : AC\(1\)](#), [Non-polio acute flaccid paralysis \(NPAFP\) : CK\(12\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Provocation by vaccine injections can increase the risk of paralytic poliomyelitis by up to 25 fold. - GMI Summary

Pubmed Data : Dev Biol Stand. 1986;65:123-6. PMID: [3549394](#)

Article Published Date : Jan 01, 1986

Authors : H V Wyatt

Study Type : Review

Additional Links

Diseases : [Poliomyelitis : CK\(33\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Vaccine-derived poliovirus may become pathogenic in complex viral ecosystems, through frequent recombination events and mutations. - GMI Summary

Pubmed Data : J Infect Dis. 2012 May 1 ;205(9):1363-73. Epub 2012 Mar 29. PMID: [22457288](#)

Article Published Date : May 01, 2012

Authors : Marie-Line Joffret, Sophie Jégouic, Maël Bessaud, Jean Balanant, Coralie Tran, Valerie Caro, Barbara Holmblat, Richter Razafindratsimandresy, Jean-Marc Reynes, Mala Rakoto-Andrianarivelo, Francis Delpeyroux

Study Type : Review

Additional Links

Diseases : [Polio : CK\(19\) : AC\(8\)](#), [Polio: Vaccine-Related : CK\(1\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Topic: Vaccination: HPV (Gardasil)

An Italian study found that 61% of women experienced an adverse event after the administration of the first dose of HPV vaccine. - GMI Summary

Pubmed Data : Recenti Prog Med. 2013 Jun ;104(6):262-6. PMID: [23801230](#)

Article Published Date : May 31, 2013

Authors : Stefania Spila-Alegiani, Roberto Da Cas, Cristina Giambi, Roberto Raschetti, Stefania Salmaso

Study Type : Human Study

Additional Links

Diseases : [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[Erythema multiforme has been reported as a possible side effect of vaccination for human papillomavirus.](#) - GMI Summary

Pubmed Data : Dermatology. 2010;220(1):60-2. Epub 2009 Nov 3. PMID: [19887766](#)

Article Published Date : Jan 01, 2010

Authors : A C Katoulis, A Liakou, E Bozi, M Theodorakis, A Alevizou, A Zafeiraki, M Mistidou, N G Stavrianeas

Study Type : Human Study

Additional Links

Diseases : [Erythema : CK\(44\) : AC\(6\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[HPV vaccination does not have a therapeutic effect in young women with pre-existing human papillomavirus infection.](#) - GMI Summary

Pubmed Data : JAMA. 2007 Aug 15;298(7):743-53. PMID: [17699008](#)

Article Published Date : Aug 15, 2007

Authors : Allan Hildesheim, Rolando Herrero, Sholom Wacholder, Ana C Rodriguez, Diane Solomon, M Concepcion Bratti, John T Schiller, Paula Gonzalez, Gary Dubin, Carolina Porras, Silvia E Jimenez, Douglas R Lowy,

Study Type : Human Study

Additional Links

Diseases : [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[HPV vaccination has been linked to demyelination.](#) - GMI Summary

Pubmed Data : J Child Neurol. 2010 Mar;25(3):321-7. PMID: [20189933](#)

Article Published Date : Mar 01, 2010

Authors : Francis J DiMario, Mirna Hajjar, Thomas Ciesielski

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[HPV vaccination is associated with reported side effects in \(over\) 23.5% of vaccinated girls studied.](#) - GMI Summary

Pubmed Data : Community Pract. 2010 Jun;83(6):30-3. PMID: [20586376](#)

Article Published Date : Jun 01, 2010

Authors : Virginia Paul-Ebhohimhen, Sara Huc, Helen Tissington, Ken Oates, Cameron Stark

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[Human Papilloma Virus \(HPV\) vaccine is associated with demyelinating events.](#) - GMI Summary

Pubmed Data : Mult Scler. 2009 Jan;15(1):116-9. Epub 2008 Sep 19. PMID: [18805844](#)

Article Published Date : Jan 01, 2009

Authors : I Sutton, R Lahoria, Il Tan, P Clouston, Mh Barnett

Study Type : Human Study

Additional Links

Diseases : [Demyelinating Diseases : CK\(1278\) : AC\(250\)](#), [HPV : CK\(31\) : AC\(4\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [HPV Vaccine : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[Noticeable adverse reactions to the HPV vaccine occurred in 22% of those polled.](#) **- GMI Summary**

Pubmed Data : Aten Primaria. 2010 Dec 14. Epub 2010 Dec 14. PMID: [21163554](#)

Article Published Date : Dec 14, 2010

Authors : M Amparo Torrecilla Rojas, Miguel Pedregal González, Fermín García Rodríguez, Josefa Ruiz Fernández

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[Postlicensure safety surveillance has revealed a disproportionate reporting of syncope and venous thromboembolic events following quadrivalent HPV vaccination.](#) **- GMI Summary**

Pubmed Data : JAMA. 2009 Aug 19;302(7):750-7. PMID: [19690307](#)

Article Published Date : Aug 19, 2009

Authors : Barbara A Slade, Laura Leidel, Claudia Vellozzi, Emily Jane Woo, Wei Hua, Andrea Sutherland, Hector S Izurieta, Robert Ball, Nancy Miller, M Miles Braun, Lauri E Markowitz, John Iskander

Study Type : Human Study

Additional Links

Diseases : [Syncope : CK\(10\) : AC\(1\)](#), [Thromboembolism : CK\(205\) : AC\(19\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[The risk of miscarriage increases following HPV vaccination.](#) **- GMI Summary**

Pubmed Data : BMJ. 2010;340:c712. Epub 2010 Mar 2. PMID: [20197322](#)

Article Published Date : Jan 01, 2010

Authors : Sholom Wacholder, Bingshu Eric Chen, Allen Wilcox, George Macones, Paula Gonzalez, Brian Befano, Allan Hildesheim, Ana Cecilia Rodríguez, Diane Solomon, Rolando Herrero, Mark Schiffman,

Study Type : Human Study

Additional Links

Diseases : [Cervical Cancer : CK\(368\) : AC\(69\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

[The way that the effectiveness of HPV vaccines are framed influences whether or not respondents believe they are effective and their acceptance level of vaccine mandate policies.](#) **- GMI Summary**

Pubmed Data : Patient Educ Couns. 2010 Sep 17. Epub 2010 Sep 17. PMID: [20851560](#)

Article Published Date : Sep 17, 2010

Authors : Cabral A Bigman, Joseph N Cappella, Robert C Hornik

Study Type : Human Study

Additional Links

Diseases : [HPV : CK\(31\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#)

There were 69 reports of Guillain-Barré Syndrome (GBS) after Gardasil vaccination that occurred in the United States between 2006 and 2009. - GMI Summary

Pubmed Data : Vaccine. 2010 Sep 23. Epub 2010 Sep 23. PMID: [20869467](#)

Article Published Date : Sep 23, 2010

Authors : Nizar Souayah, P A Michas-Martin, Abu Nasar, Nataliya Krivitskaya, Hussam A Yacoub, Hafiz Khan, Adnan I Qureshi

Study Type : Human Study

Additional Links

Diseases : [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13)

Possible systemic lupus erythematosus following HPV immunization has been reported. - GMI Summary

Pubmed Data : Lupus. 2012 ;21(2):158-61. PMID: [22235047](#)

Article Published Date : Jan 01, 2012

Authors : Hf Soldevilla, Sfr Briones, Sv Navarra

Study Type : Human: Case Report

Additional Links

Diseases : [Lupus Erythematosus: Systemic](#) : CK(949) : AC(53), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13)

The HPV16 vaccine carries with it significant cross-reactivity risk due to the homologies that exist between the HPV and human proteome. - GMI Summary

Pubmed Data : J Exp Ther Oncol. 2009;8(1):65-76. PMID: [19827272](#)

Article Published Date : Jan 01, 2009

Authors : Darja Kanduc

Study Type : In Vitro Study

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13)

Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Human Papillomavirus \(HPV\)](#) : CK(153) : AC(22), [Inflammatory Myopathy](#) : CK(81) : AC(5), [Macrophagic myofasciitis](#) : CK(15) : AC(3), [Multiple Sclerosis](#) : CK(716) : AC(133), [Rheumatoid Arthritis](#) : CK(424) : AC(64), [Systemic Lupus Erythematosus](#) : CK(387) : AC(54), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Vasculitis](#) : CK(48) : AC(11)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Haemophilus Influenzae](#) : CK(32) : AC(4), [Vaccination: Hepatitis B](#) : CK(347) : AC(48), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13), [Vaccination: Influenza](#) : CK(356) : AC(37), [Vaccination: Lyme disease](#) : CK(11) : AC(2), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26), [Vaccination: Rabies](#) : CK(4) : AC(3), [Vaccination: Rotavirus](#) : CK(33) : AC(6), [Vaccination: Tetanus](#) : CK(48) : AC(8), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

Topic: [Vaccination: Measles](#)

"A history of prior vaccination is not always associated with immunity nor with the presence of specific antibodies." - GMI Summary

Pubmed Data : Clin Invest Med. 1988 Aug ;11(4):304-9. PMID: [3168353](#)

Article Published Date : Jul 31, 1988

Authors : L Sekla, W Stackiw, G Eibisch, I Johnson

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Antibody Theory Of Vaccinology : CK\(35\) : AC\(5\)](#), [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

20.7% (6 of 29) of persons known to have received measles vaccine had non-protective titers. - GMI Summary

Pubmed Data : Am J Trop Med Hyg. 2008 Nov;79(5):787-92. PMID: [18981523](#)

Article Published Date : Nov 01, 2008

Authors : Inácio M Mandomando, Denise Naniche, Marcela F Pasetti, Xavier Vallès, Lilian Cuberos, Ariel Nhacolo, Karen L Kotloff, Helder Martins, Myron M Levine, Pedro Alonso

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

A 1993 outbreak of measles in a highly immunised Australian population. - GMI Summary

Pubmed Data : Aust J Public Health. 1994 Sep ;18(3):249-52. PMID: [7841251](#)

Article Published Date : Aug 31, 1994

Authors : A Herceg, I Passaris, C Mead

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

A major measles epidemic occurred in 1989 in the region of Quebec despite a 99% vaccine coverage. - GMI Summary

Pubmed Data : Can J Public Health. 1991 May-Jun;82(3):189-90. PMID: [1884314](#)

Article Published Date : Apr 30, 1991

Authors : N Boulianne, G De Serres, B Duval, J R Joly, F Meyer, P Déry, M Alary, D Le Hénaff, N Thériault

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

A measles outbreak at a college with a prematriculation immunization requirement. - GMI Summary

Pubmed Data : Am J Public Health. 1991 Mar ;81(3):360-4. PMID: [1994745](#)

Article Published Date : Feb 28, 1991

Authors : B S Hersh, L E Markowitz, R E Hoffman, D R Hoff, M J Doran, J C Fleishman, S R Preblud, W A Orenstein

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[A measles outbreak in Montana in 1985 indicates vaccine failure.](#) - GMI Summary

Pubmed Data : Am J Epidemiol. 1987 Sep ;126(3):438-49. PMID: [3618578](#)

Article Published Date : Aug 31, 1987

Authors : R M Davis, E D Whitman, W A Orenstein, S R Preblud, L E Markowitz, A R Hinman

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Despite a high coverage with measles vaccines in parts of west Africa, epidemics of measles occur with reduced severity in an increasing proportion of older children who have been vaccinated.](#) - GMI Summary

Pubmed Data : Lancet. 1999 Jan 9 ;353(9147):98-102. PMID: [10023894](#)

Article Published Date : Jan 08, 1999

Authors : H C Whittle, P Aaby, B Samb, H Jensen, J Bennett, F Simondon

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Diphtheria-tetanus-pertussis vaccine administered simultaneously with measles vaccine is associated with increased morbidity and poor growth in girls.](#) - GMI Summary

Pubmed Data : Vaccine. 2011 Jan 10;29(3):487-500. Epub 2010 Nov 18. PMID: [21093496](#)

Article Published Date : Jan 10, 2011

Authors : J Agergaard, E Nante, G Poustrup, J Nielsen, K L Flanagan, L Østergaard, C S Benn, P Aaby

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Combinations : CK\(20\) : AC\(2\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Even though 95% of the children had measles antibodies after vaccination, vaccine efficacy was not more than 68%.](#) - GMI Summary

Pubmed Data : J Infect Dis. 1990 Nov ;162(5):1043-8. PMID: [2230232](#)

Article Published Date : Oct 31, 1990

Authors : P Aaby, K Knudsen, T G Jensen, J Thårup, A Poulsen, M Sodemann, M C da Silva, H Whittle

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Antibody Theory Of Vaccinology : CK\(35\) : AC\(5\)](#), [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[High titre measles vaccination increases female mortality in those receiving immunization in West Africa. - GMI Summary](#)

Pubmed Data : Int J Epidemiol. 1996 Jun;25(3):665-73. PMID: [8671571](#)

Article Published Date : Jun 01, 1996

Authors : K M Knudsen, P Aaby, H Whittle, M Rowe, B Samb, F Simondon, J Sterne, P Fine

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[High-titer measles vaccination before 9 months of age has been linked to increased female mortality. - GMI Summary](#)

Pubmed Data : Semin Pediatr Infect Dis. 2003 Jul;14(3):220-32. PMID: [12913835](#)

Article Published Date : Jul 01, 2003

Authors : Peter Aaby, Henrik Jensen, Francois Simondon, Hilton Whittle

Study Type : Human Study

Additional Links

Diseases : [Child Mortality : CK\(64\) : AC\(8\)](#), [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[In a measles outbreak from March 1991 to April 1992 in Rio de Janeiro 76.4% of those suspected to be infected had received measles vaccine before their first birthday. - GMI Summary](#)

Pubmed Data : Rev Soc Bras Med Trop. 1995 Oct-Dec;28(4):339-43. PMID: [8668833](#)

Article Published Date : Sep 30, 1995

Authors : S A de Oliveira, W N Soares, M O Dalston, M T de Almeida, A J Costa

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Measles outbreak in a fully immunized secondary-school population with up to 99 percent vaccination. - GMI Summary](#)

Pubmed Data : N Engl J Med. 1987 Mar 26 ;316(13):771-4. PMID: [3821823](#)

Article Published Date : Mar 25, 1987

Authors : T L Gustafson, A W Lievens, P A Brunell, R G Moellenberg, C M Buttery, L M Sehulster

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Antibody Theory Of Vaccinology : CK\(35\) : AC\(5\)](#), [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

[Primary and secondary vaccine failure may explain the 1992 measles epidemic in Cape Town. - GMI Summary](#)

Pubmed Data : S Afr Med J. 1994 Mar ;84(3):145-9. PMID: [7740350](#)

Article Published Date : Feb 28, 1994

Authors : N Coetzee, G D Hussey, G Visser, P Barron, A Keen

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

The occurrence of secondary vaccine failure and vaccine-modified measles in the United States may lead to underreporting of measles cases and result in overestimation of vaccine efficacy in h - GMI Summary

Pubmed Data : JAMA. 1990 May 9 ;263(18):2467-71. PMID: [2278542](#)

Article Published Date : May 08, 1990

Authors : M B Edmonson, D G Addiss, J T McPherson, J L Berg, S R Circo, J P Davis

Study Type : Human Study

Additional Links

Diseases : [Measles : CK\(193\) : AC\(8\)](#)

Additional Keywords : [Measles : CK\(193\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

Aborted fetal cells (diploid) have been used to create the rubella, measles, mumps, rabies, polio, smallpox, hepatitis A, chickenpox, and herpes zoster vaccines. - GMI Summary

Pubmed Data : Cuad Bioet. 2008 May-Aug;19(66):321-53. PMID: [18611078](#)

Article Published Date : May 01, 2008

Authors : José Luís Redondo Calderón

Study Type : Review

Additional Links

Additional Keywords : [Diploid Cell Vaccines : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Measles vaccination in developing countries has resulted in higher infant mortality rates. - GMI Summary

Pubmed Data : BMJ. 1993 Nov 20;307(6915):1294-5. PMID: [8257878](#)

Article Published Date : Nov 20, 1993

Authors : A J Hall, F T Cutts

Study Type : Review

Additional Links

Diseases : [Child Mortality : CK\(64\) : AC\(8\)](#), [Measles : CK\(193\) : AC\(8\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

Topic: [Vaccination: Pertussis](#)

The risk of adverse events from the pertussis outweighed the risk of pertussis infection during the period of 1970-83 in children living in non-deprived circumsatnces in Britain. - GMI Summary

Pubmed Data : Dev Biol Stand. 1985;61:395-405. PMID: [3835080](#)

Article Published Date : Jan 01, 1985

Authors : G T Stewart

Study Type : Meta Analysis

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Despite the CDC's current recommendation to vaccinate postpartum women before hospital discharge with the tetanus and diphtheria toxoids and acellular pertussis \(Tdap\) vaccine in order to prevent pertussis infection in their offspring, it does not reduce - GMI Summary](#)

Pubmed Data : Clin Infect Dis. 2011 Nov 10. Epub 2011 Nov 10. PMID: [22075790](#)

Article Published Date : Nov 10, 2011

Authors : Luis A Castagnini, C Mary Healy, Marcia A Rench, Susan H Wootton, Flor M Munoz, Carol J Baker

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[In Kings County Washington, between 2002-2007, of the 176 confirmed cases of pertussis in infants under age 1 seventy-seven percent were age-appropriately vaccinated. - GMI Summary](#)

Pubmed Data : Arch Pediatr Adolesc Med. 2011 Jul ;165(7):647-52. PMID: [21727277](#)

Article Published Date : Jul 01, 2011

Authors : Matthew P Hanson, Tao S Kwan-Gett, Atar Baer, Krista Rietberg, Mara Ohrt, Jeffrey S Duchin

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#)

Additional Keywords : [Vaccine Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Pertussis vaccination may activate a genetic predisposition for encephalopathy in susceptible individuals. - GMI Summary](#)

Pubmed Data : Cytotechnology. 2002 Nov;40(1-3):139-49. PMID: [20447868](#)

Article Published Date : Nov 01, 2002

Authors : Anne M McIntosh, Jacinta McMahon, Leanne M Dibbens, Xenia Iona, John C Mulley, Ingrid E Scheffer, Samuel F Berkovic

Study Type : Human Study

Additional Links

Diseases : [Dravet syndrome : CK\(30\) : AC\(3\)](#), [Encephalitis : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Pertussis vaccine has been linked to hypotonic-hyporesponsive episodes \(HHE\) in infants and children. - GMI Summary](#)

Pubmed Data : Drug Saf. 2002;25(2):85-90. PMID: [11888351](#)

Article Published Date : Jan 01, 2002

Authors : Michael S Gold

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Serious adverse events associated with whole cell pertussis vaccine, e.g. sudden infant death syndrome and encephalopathy, may have occurred in metabolically vulnerable children. - GMI Summary](#)

Pubmed Data : Pharmazie. 2007 Apr;62(4):299-304. PMID: [19660877](#)

Article Published Date : Apr 01, 2007

Authors : Kumanan Wilson, Beth Potter, Douglas Manuel, Jennifer Keelan, Pranesh Chakraborty

Study Type : Human Study

Additional Links

Diseases : [Encephalopathy: Acute Necrotizing](#) : CK(20) : AC(2), [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Pertussis](#) : CK(116) : AC(14)

[Since the 1993 pertussis epidemic in Cincinnati occurred primarily among children who had been appropriately immunized, it is clear that the whole-cell pertussis vaccine failed to give full protection against the disease.](#) - GMI

Summary

Pubmed Data : N Engl J Med. 1994 Jul 7;331(1):16-21. PMID: [8202096](#)

Article Published Date : Jul 07, 1994

Authors : C D Christie, M L Marx, C D Marchant, S F Reising

Study Type : Human Study

Additional Links

Diseases : [Pertussis](#) : CK(142) : AC(14), [Whooping Cough](#) : CK(66) : AC(7)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Pertussis](#) : CK(116) : AC(14)

[The association with DTwP vaccines and increased infant mortality in females may be due to vaccine adjuvants and Th2 polarizing effects.](#) - GMI

Summary

Pubmed Data : J Trop Med. 2011 ;2011:706304. Epub 2011 May 5. PMID: [21760811](#)

Article Published Date : Jan 01, 2011

Authors : Mogens Helweg Claesson

Study Type : Human Study

Additional Links

Diseases : [Immune Dysregulation: TH1/TH2 imbalance](#) : CK(146) : AC(36), [Infant Mortality](#) : CK(229) : AC(23), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Pertussis](#) : CK(116) : AC(14), [Vaccination: Tetanus](#) : CK(48) : AC(8), [Vaccination: Diphtheria](#) : CK(50) : AC(2)

Problem Substances : [Adjuvant](#) : CK(18) : AC(6), [Aluminum Hydroxide](#) : CK(56) : AC(14), [Vaccine Adjuvants](#) : CK(383) : AC(77)

[Vaccinated children and adults may serve as reservoirs for silent pertussis infection and become potential transmitters to unprotected infants.](#) - GMI

Summary

Pubmed Data : Emerg Infect Dis. 2000 Sep-Oct;6(5):526-9. PMID: [10998384](#)

Article Published Date : Sep 01, 2000

Authors : I Srugo, D Benilevi, R Madeb, S Shapiro, T Shohat, E Somekh, Y Rimmar, V Gershtein, R Gershtein, E Marva, N Lahat

Study Type : Human Study

Additional Links

Diseases : [Pertussis](#) : CK(142) : AC(14), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Whooping Cough](#) : CK(66) : AC(7)

Additional Keywords : [Whooping Cough](#) : CK(66) : AC(7)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Pertussis](#) : CK(116) : AC(14)

[Whole cell pertussis vaccines may have been causing serious neurological disorders.](#) - GMI

Summary

Pubmed Data : Brain Dev. 2004 Aug;26(5):296-300. PMID: [15165669](#)

Article Published Date : Aug 01, 2004

Authors : David A Geier, Mark R Geier

Study Type : Human Study

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Infant Neurological Development : CK\(46\) : AC\(7\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Mice exhibit lung pathology after vaccination with pertussis vaccines.](#) - GMI Summary

Pubmed Data : Vaccine. 2007 Mar 8;25(12):2346-60. Epub 2006 Dec 12. PMID: [17224216](#)

Article Published Date : Mar 08, 2007

Authors : Rob J Vandebriel, Eric R Gremmer, Jolanda P Vermeulen, Sandra M M Hellwig, Jan A M A Dormans, Paul J M Roholl, Frits R Mooi

Study Type : Animal Study

Additional Links

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(971\) : AC\(348\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Despite high coverage rates for primary immunization in infants and children pertussis incidence rates are increasing.](#) - GMI Summary

Pubmed Data : Pediatr Infect Dis J. 2005 May;24(5 Suppl):S10-8. PMID: [15876918](#)

Article Published Date : May 01, 2005

Authors : Tina Tan, Evelinda Trindade, Danuta Skowronski

Study Type : Review

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#)

Additional Keywords : [Vaccine Resistance : CK\(11\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

[Underestimation of central nervous system complications after pertussis immunization appears to be prevalent.](#) - GMI Summary

Pubmed Data : Acta Paediatr Jpn. 1991 Aug;33(4):421-7. PMID: [1792899](#)

Article Published Date : Aug 01, 1991

Authors : W Ehrengut

Study Type : Review

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#)

Topic: [Vaccination: Tetanus](#)

[DTP or tetanus vaccination increases the risk of allergies and related respiratory symptoms in children and adolescents.](#) - GMI Summary

Pubmed Data : J Manipulative Physiol Ther. 2000 Feb;23(2):81-90. PMID: [10714532](#)

Article Published Date : Feb 01, 2000

Authors : E L Hurwitz, H Morgenstern

Study Type : Meta Analysis

Additional Links

Diseases : [Allergies : CK\(502\) : AC\(92\)](#), [Allergies: Childhood : CK\(70\) : AC\(5\)](#), [Asthma : CK\(918\) : AC\(134\)](#), [Hypersensitivity : CK\(64\) : AC\(15\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Despite the CDC's current recommendation to vaccinate postpartum women before hospital discharge with the tetanus and diphtheria toxoids and acellular pertussis \(Tdap\) vaccine in order to prevent pertussis infection in their offspring, it does not reduce - GMI Summary](#)

Pubmed Data : Clin Infect Dis. 2011 Nov 10. Epub 2011 Nov 10. PMID: [22075790](#)

Article Published Date : Nov 10, 2011

Authors : Luis A Castagnini, C Mary Healy, Marcia A Rench, Susan H Wootton, Flor M Munoz, Carol J Baker

Study Type : Human Study

Additional Links

Diseases : [Pertussis : CK\(142\) : AC\(14\)](#), [Whooping Cough : CK\(66\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[The association with DTwP vaccines and increased infant mortality in females may be due to vaccine adjuvants and Th2 polarizing effects. - GMI Summary](#)

Pubmed Data : J Trop Med. 2011 ;2011:706304. Epub 2011 May 5. PMID: [21760811](#)

Article Published Date : Jan 01, 2011

Authors : Mogens Helweg Claesson

Study Type : Human Study

Additional Links

Diseases : [Immune Dysregulation: TH1/TH2 imbalance : CK\(146\) : AC\(36\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccinaton: Diptheria : CK\(50\) : AC\(2\)](#)

Problem Substances : [Adjuvant : CK\(18\) : AC\(6\)](#), [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

[A case of Leukemia Cutis arising at the site of injection of a Tetanus Booster has been reported. - GMI Summary](#)

Pubmed Data : Actas Dermosifiliogr. 2010 Oct;101(8):727-9. PMID: [20965018](#)

Article Published Date : Oct 01, 2010

Authors : R M Guinovart, J M Carrascosa, C Ferrándiz

Study Type : Human: Case Report

Additional Links

Diseases : [Leukemia Cutis : CK\(3\) : AC\(1\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Severe tetanus has been reported in immunized patients with high anti-tetanus titers. - GMI Summary](#)

Pubmed Data : Neurology. 1992 Apr ;42(4):761-4. PMID: [1565228](#)

Article Published Date : Apr 01, 1992

Authors : N E Crone, A T Reder

Study Type : Human: Case Report

Additional Links

Diseases : [Tetanus : CK\(32\) : AC\(5\)](#)

Additional Keywords : [Antibody Theory Of Vaccinology : CK\(35\) : AC\(5\)](#), [Vaccine Failure : CK\(123\) : AC\(13\)](#)

Anti Therapeutic Actions : [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Coriandrum sativum has antioxidant activity. - GMI Summary](#)

Pubmed Data : J Nutr Biochem. 2009 Nov;20(11):901-8. Epub 2008 Nov 6. PMID: [10549163](#)

Article Published Date : Nov 01, 2009

Authors : V Chithra, S Leelamma

Study Type : Animal Study

Additional Links

Substances : [Coriandrum sativum : CK\(53\) : AC\(27\)](#)

Diseases : [Oxidative Stress : CK\(1975\) : AC\(710\)](#)

Pharmacological Actions : [Antioxidants : CK\(3723\) : AC\(1318\)](#)

Anti Therapeutic Actions : [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Tetanus vaccine given to Phillipino women of reproductive age may have been designed to induce an anti-fertility action. - GMI Summary](#)

Pubmed Data : Vaccine Wkly. 1995 May 29 - Jun 5:9-10. PMID: [12346214](#)

Article Published Date : May 29, 1995

Authors : [No authors listed]

Study Type : Commentary

Additional Links

Diseases : [Infertility: Female : CK\(182\) : AC\(33\)](#)

Additional Keywords : [Population Control : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions. - GMI Summary](#)

Pubmed Data : JAMA. 1994 May 25;271(20):1602-5. PMID: [8182813](#)

Article Published Date : May 25, 1994

Authors : K R Stratton, C J Howe, R B Johnston

Study Type : Review

Additional Links

Diseases : [Anaphylaxis : CK\(54\) : AC\(15\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Hepatitis B : CK\(226\) : AC\(39\)](#), [Neuritis: Brachial Plexus : CK\(1\) : AC\(1\)](#), [Poliomyelitis : CK\(33\) : AC\(4\)](#), [Purpura: Thrombocytopenic : CK\(800\) : AC\(24\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#)

[Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary](#)

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Vaccination: Anthrax](#)

[Anthrax vaccination contributes to joint related adverse reactions. - GMI Summary](#)

Pubmed Data : Clin Exp Rheumatol. 2002 Mar-Apr;20(2):217-20. PMID: [12051402](#)

Article Published Date : Mar 01, 2002

Authors : D A Geier, M R Geier

Study Type : Human Study

Additional Links

Diseases : [Joint Diseases : CK\(10\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[Birth defects are more common in pregnant women who received the anthrax vaccine during their first trimester versus later in pregnancy.](#) - GMI Summary

Pubmed Data : Am J Epidemiol. 2008 Aug 15 ;168(4):434-42. Epub 2008 Jul 2. PMID: [18599489](#)

Article Published Date : Aug 15, 2008

Authors : Margaret A K Ryan, Tyler C Smith, Carter J Sevick, William K Honner, Rosha A Loach, Cynthia A Moore, J David Erickson

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Birth Defects : CK\(196\) : AC\(37\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

Adverse Pharmacological Actions : [Teratogenic : CK\(304\) : AC\(59\)](#)

[Injection site reactions occur in 28% of those who receive the anthrax vaccine, with women having twice the incidence of reaction versus men.](#) - GMI Summary

Pubmed Data : Pharmacoepidemiol Drug Saf. 2007 Mar ;16(3):259-74. PMID: [17245803](#)

Article Published Date : Mar 01, 2007

Authors : Michael M McNeil, I-Shan Chiang, John T Wheeling, Yujia Zhang

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Gender Differences : CK\(63\) : AC\(8\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[Symptomatic Gulf War Syndrome is strongly associated with the presence of autoantibodies to squalene, an adjuvant used in vaccines.](#) - GMI Summary

Pubmed Data : Exp Mol Pathol. 2000 Feb;68(1):55-64. PMID: [10640454](#)

Article Published Date : Feb 01, 2000

Authors : P B Asa, Y Cao, R F Garry

Study Type : Human Study

Additional Links

Diseases : [Gulf War Syndrome : CK\(33\) : AC\(5\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[The anthrax vaccine is one of the most reactogenic vaccines reported in the Vaccine Adverse Events Reporting System \(VAERS\) database.](#) - GMI Summary

Pubmed Data : Hepatogastroenterology. 2004 May-Jun;51(57):762-7. PMID: [15143911](#)

Article Published Date : May 01, 2004

Authors : Mark R Geier, David A Geier

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[The vaccine adjuvant squalene in anthrax vaccines given to soldiers in the Gulf War resulted in the formation of antibodies to squalene which are associated with Gulf War Syndrome.](#) - GMI Summary

Pubmed Data : Neuropharmacology. 2011 Feb-Mar;60(2-3):252-8. Epub 2010 Sep 22. PMID: [12127050](#)

Article Published Date : Feb 01, 2011

Authors : Pamela B Asa, Russell B Wilson, Robert F Garry

Study Type : Human Study

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#), [Gulf War Syndrome : CK\(33\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[Anthrax vaccine development suffers from a wide range of potentially insurmountable problems.](#) - GMI Summary

Pubmed Data : Przegl Epidemiol. 2009 ;63(4):505-12. PMID: [20120948](#)

Article Published Date : Jan 01, 2009

Authors : Dorota Zakowska, Janusz Kocik, Michał Bartoszcze

Study Type : Review

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

[The development of human vaccines for anthrax has suffered from a number of technical challenges.](#) - GMI Summary

Pubmed Data : Hum Vaccin. 2009 Dec ;5(12):806-16. Epub 2009 Dec 9. PMID: [19786839](#)

Article Published Date : Dec 01, 2009

Authors : Leslie W Baillie

Study Type : Review

Additional Links

Diseases : [Anthrax : CK\(43\) : AC\(6\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anthrax : CK\(62\) : AC\(8\)](#)

Topic: [Vaccination: Haemophilus Influenzae](#)

[A Haemophilus b polysaccharide vaccine resulted in minus 58 percent efficacy in children in Minnesota in August 1985.](#) - GMI Summary

Pubmed Data : JAMA. 1988 Sep 9;260(10):1423-8. PMID: [3261350](#)

Article Published Date : Sep 09, 1988

Authors : M T Osterholm, J H Rambeck, K E White, J L Jacobs, L M Pierson, J D Neaton, C W Hedberg, K L MacDonald, D M Granoff

Study Type : Human Study

Additional Links

Diseases : [Haemophilus influenzae : CK\(54\) : AC\(9\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#)

[The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects.](#) - GMI Summary

Pubmed Data : J Radiol Prot. 2009 Sep;29(3):429-43. Epub 2009 Aug 18. PMID: [20166340](#)

Article Published Date : Sep 01, 2009

Authors : Elena Shneyer, Avshalom Strulov, Yaakov Rosenfeld

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Combinations : CK\(20\) : AC\(2\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

[Conjugate vaccines may predispose children to autism spectrum disorders.](#) - GMI Summary

Pubmed Data : Med Hypotheses. 2011 Oct 10. Epub 2011 Oct 10. PMID: [21993250](#)

Article Published Date : Oct 10, 2011

Authors : Brian J Richmand

Study Type : Review

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#)

Anti Therapeutic Actions : [Vaccination: Conjugate Vaccines : CK\(1\) : AC\(1\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Streptococcus Pneumoniae : CK\(1\) : AC\(1\)](#)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

- GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: Vaccination: Combinations

Diphtheria-tetanus-pertussis vaccine administered simultaneously with measles vaccine is associated with increased morbidity and poor growth in girls.

Summary

Pubmed Data : Vaccine. 2011 Jan 10;29(3):487-500. Epub 2010 Nov 18. PMID: [21093496](#)

Article Published Date : Jan 10, 2011

Authors : J Agergaard, E Nante, G Poulstrup, J Nielsen, K L Flanagan, L Østergaard, C S Benn, P Aaby

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Combinations : CK\(20\) : AC\(2\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#)

The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects.

Summary

Pubmed Data : J Radiol Prot. 2009 Sep;29(3):429-43. Epub 2009 Aug 18. PMID: [20166340](#)

Article Published Date : Sep 01, 2009

Authors : Elena Shneyer, Avshalom Strulov, Yaakov Rosenfeld

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Combinations : CK\(20\) : AC\(2\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Polio : CK\(94\) : AC\(15\)](#)

Topic: Vaccination: Animal Model

[Live attenuated influenza vaccines may cause shedding of the virus in children 6-59 monhts. - GMI Summary](#)

Pubmed Data : Vaccine. 2011 Apr 20. Epub 2011 Apr 20. PMID: [21513761](#)

Article Published Date : Apr 20, 2011

Authors : Raburn M Mallory, Tingting Yi, Christopher S Ambrose

Study Type : Human Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[A vaccine developed for bison resulted in inducing placentitis and abortion in pregnant cows. - GMI Summary](#)

Pubmed Data : Am J Vet Res. 1996 Nov;57(11):1604-7. PMID: [8915438](#)

Article Published Date : Nov 01, 1996

Authors : M V Palmer, S C Olsen, M J Gilsdorf, L M Philo, P R Clarke, N F Cheville

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#),

[Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Experimental in utero inoculation of late-term swine fetuses with porcine circovirus type 2 results in a high rate of reproductive abnormalities, including mummification and stillbirth. - GMI Summary](#)

Pubmed Data : J Vet Diagn Invest. 2002 Nov;14(6):507-12. PMID: [12423036](#)

Article Published Date : Nov 01, 2002

Authors : Charles S Johnson, Han S Joo, Kochakorn Direksin, Kyoung-Jin Yoon, Young K Choi

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Fatal adverse pulmonary reaction in calves after inadvertent intravenous vaccination has been reported. - GMI Summary](#)

Pubmed Data : Vet Pathol. 2005 Jul;42(4):492-5. PMID: [16006609](#)

Article Published Date : Jul 01, 2005

Authors : J D Ramsay, C L Williams, E Simko

Study Type : Animal Study

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Maturational changes in amygdala volume and the binding capacity of an opioid antagonist in the amygdala was significantly altered in infant macaques receiving the vaccine schedule. - GMI Summary](#)

Pubmed Data : Acta Neurobiol Exp (Wars). 2010 ;70(2):147-64. PMID: [20628439](#)

Article Published Date : Dec 31, 2009

Authors : Laura Hewitson, Brian J Lopresti, Carol Stott, N Scott Mason, Jaime Tomko

Study Type : Animal Study

Additional Links

Diseases : [Amygdala: Damage/Abnormalities : CK\(10\) : AC\(1\)](#), [Neurodevelopmental Disorders : CK\(163\) :](#)

[AC\(13\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Problem Substances : [Thimerosal : CK\(216\) : AC\(23\)](#)

[Newborn primates receiving mercury-containing hepatitis B vaccines exhibit neurodevelopmental delays. - GMI Summary](#)

Pubmed Data : J Toxicol Environ Health A. 2010 Jan;73(19):1298-313. PMID: [20711932](#)

Article Published Date : Jan 01, 2010

Authors : Laura Hewitson, Lisa A Houser, Carol Stott, Gene Sackett, Jaime L Tomko, David Atwood, Lisa Blue, E Railey White

Study Type : Animal Study

Additional Links

Diseases : [Hepatitis B : CK\(226\) : AC\(39\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Porcine circovirus type 2 \(PCV2\) vaccination of pregnant pigs may result in vertical transmission of PCV2 to the offspring. - GMI Summary](#)

Pubmed Data : Clin Vaccine Immunol. 2009 Jun;16(6):830-4. Epub 2009 Apr 8. PMID: [19357312](#)

Article Published Date : Jun 01, 2009

Authors : D M Madson, A R Patterson, S Ramamoorthy, N Pal, X J Meng, T Opriessnig

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Pregnant cows vaccinated against a Brucella strain experienced an abortion rate of 58%. - GMI Summary](#)

Pubmed Data : J Wildl Dis. 1991 Apr;27(2):258-64. PMID: [1906114](#)

Article Published Date : Apr 01, 1991

Authors : D S Davis, J W Templeton, T A Ficht, J D Huber, R D Angus, L G Adams

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#),

[Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Pregnant cows vaccinated with live attenuated Smithburn Rift Valley virus had a high rate of abortions which were associated with elevations in IgG and IgM antibodies. - GMI Summary](#)

Pubmed Data : J Med Virol. 2006 Jun;78(6):787-91. PMID: [16628582](#)

Article Published Date : Jun 01, 2006

Authors : Boulos Botros, Adel Omar, Khairat Elian, Gihan Mohamed, Atef Soliman, Adel Salib, Diaa Salman, Magdi Saad, Kenneth Earhart

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever :](#)

[CK\(4\) : AC\(2\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Rift Valley fever vaccine in goats cause severe deleterious pathological changes in liver especially in kids and causing abortion in pregnant does. - GMI Summary](#)

Pubmed Data : Virol J. 2009;6:94. Epub 2009 Jul 6. PMID: [19580675](#)

Article Published Date : Jan 01, 2009

Authors : Samia Ahmed Kamal

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Smithburn Rift Valley Fever : CK\(4\) : AC\(2\)](#), [Rift Valley Fever : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[The intranasal inoculation of pregnant sows with porcine circovirus 2 results in abortion and reproductive failure. - GMI Summary](#)

Pubmed Data : J Nutr. 2009 Nov;139(11):2061-6. Epub 2009 Sep 23. PMID: [15737340](#)

Article Published Date : Nov 01, 2009

Authors : J-S Park, J Kim, Y Ha, K Jung, C Choi, J-K Lim, S-H Kim, C Chae

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[The vaccination of pregnant sheep resulted in abortions and hydranencephaly. - GMI Summary](#)

Pubmed Data : Int Immunopharmacol. 2005 Mar;5(3):555-69. PMID: [8825310](#)

Article Published Date : Mar 01, 2005

Authors : M Flanagan, S J Johnson

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Hydranencephaly : CK\(2\) : AC\(1\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Vaccination of pregnant monkeys resulted in abortions in 2 out of 25. - GMI Summary](#)

Pubmed Data : Am J Trop Med Hyg. 1991 Apr;44(4):382-9. PMID: [2042705](#)

Article Published Date : Apr 01, 1991

Authors : A Escajadillo, J K Frenkel

Study Type : Animal Study

Additional Links

Diseases : [Abortion: Spontaneous : CK\(204\) : AC\(29\)](#), [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

[Vaccine-induced immunity in pregnant pigs is not effective in preventing viremia in offspring. - GMI Summary](#)

Pubmed Data : Theriogenology. 2009 Oct 1;72(6):747-54. Epub 2009 Jun 25. PMID: [19559470](#)

Article Published Date : Oct 01, 2009

Authors : D M Madson, A R Patterson, S Ramamoorthy, N Pal, X J Meng, T Opriessnig

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Vaccine-induced scrapie has been reported in animals. - GMI Summary

Pubmed Data : J Gen Virol. 2003 Apr;84(Pt 4):1047-52. PMID: [12655108](#)

Article Published Date : Apr 01, 2003

Authors : Gianluigi Zanusso, Cristina Casalone, Pierluigi Acutis, Elena Bozzetta, Alessia Farinazzo, Matteo Gelati, Michele Fiorini, Gianluigi Forloni, Man Sun Sy, Salvatore Monaco, Maria Caramelli

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Infectious : CK\(8\) : AC\(4\)](#), [Animal Diseases: Scrapie : CK\(4\) : AC\(2\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Vaccine-induced, simian immunodeficiency virus-specific CD8+ T cells reduce virus replication but do not protect from simian immunodeficiency virus disease progression. - GMI Summary

Pubmed Data : J Immunol. 2009 Jul 1;183(1):706-17. PMID: [19542473](#)

Article Published Date : Jul 01, 2009

Authors : Jessica C Engram, Richard M Dunham, George Makedonas, Thomas H Vanderford, Beth Sumpter, Nichole R Klatt, Sarah J Ratcliffe, Seema Garg, Mirko Paiardini, Monica McQuoid, John D Altman, Silvija I Staprans, Michael R Betts, David A Garber, Mark B Feinberg, Guido Silvestri

Study Type : Animal Study

Additional Links

Diseases : [Animal Diseases: Simian Immunodeficiency Virus \(SIV\) : CK\(2\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Feline injection site-associated sarcoma is a serious problem associated with malignancy. - GMI Summary

Pubmed Data : Vet Microbiol. 2006 Oct 5;117(1):59-65. PMID: [16769184](#)

Article Published Date : Oct 05, 2006

Authors : Jolle Kirpensteijn

Study Type : Review

Additional Links

Diseases : [Sarcoma : CK\(36\) : AC\(21\)](#), [Tumors : CK\(199\) : AC\(110\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Animal Model : CK\(39\) : AC\(16\)](#)

Topic: Vaccination: BCG (Tuberculosis)

Among female infants, those who receive both BCG and DTP vaccines experience higher mortality than those who receive only one of the two vaccines. - GMI Summary

Pubmed Data : Trop Med Int Health. 2005 Oct;10(10):947-55. PMID: [16185228](#)

Article Published Date : Oct 01, 2005

Authors : Lawrence H Moulton, Lakshmi Rahmathullah, Neal A Halsey, R D Thulasiraj, Joanne Katz, James M Tielsch

Study Type : Human Study

Additional Links

Diseases : [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#)

BCG revaccination may raise mortality in young children. - GMI Summary

Pubmed Data : BMJ. 2010;340:c671. Epub 2010 Mar 15. PMID: [20231251](#)

Article Published Date : Jan 01, 2010

Authors : Adam Edvin Roth, Christine Stabell Benn, Henrik Ravn, Amabelia Rodrigues, Ida Maria Lisse, Maria Yazdanbakhsh, Hilton Whittle, Peter Aaby

Study Type : Human Study

Additional Links

Diseases : [Childhood Infections : CK\(275\) : AC\(29\)](#), [Tuberculosis : CK\(255\) : AC\(44\)](#)

Anti Therapeutic Actions : [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#)

[Vaccination timing and co-administration may be associated with increased mortality, especially in females.](#) - GMI Summary

Pubmed Data : Vaccine. 2006 May 29;24(22):4701-8. Epub 2006 Mar 31. PMID: [16621182](#)

Article Published Date : May 29, 2006

Authors : Peter Aaby, Henrik Jensen, Gijs Walraven

Study Type : Human Study

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#)

[A case of extensive ulcerating vasculitis following a BCG vaccination has been reported.](#) - GMI Summary

Pubmed Data : J Plast Reconstr Aesthet Surg. 2009 Aug;62(8):e286-9. Epub 2007 Dec 31. PMID: [18166508](#)

Article Published Date : Aug 01, 2009

Authors : A Ghattaura, K A Eley, E Molenaar, G Smith

Study Type : Human: Case Report

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: BCG \(Tuberculosis\) : CK\(33\) : AC\(4\)](#)

Topic: [Vaccination: Rotavirus](#)

[Rates of intussusception associated with rotavirus vaccines may be significantly underestimated.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2009 Nov 1;200 Suppl 1:S264-70. PMID: [19817607](#)

Article Published Date : Nov 01, 2009

Authors : Margaret M Cortese, Mary Allen Staat, Geoffrey A Weinberg, Kathryn Edwards, Marilyn A Rice, Peter G Szilagyi, Caroline B Hall, Daniel C Payne, Umesh D Parashar

Study Type : Human Study

Additional Links

Diseases : [Intussusception : CK\(30\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[Rotavirus vaccination has been associated with increased risk for gastroenteritis and intussusception.](#) - GMI Summary

Pubmed Data : Pediatrics. 2004 Apr;113(4):e353-9. PMID: [15060267](#)

Article Published Date : Apr 01, 2004

Authors : Penina Haber, Robert T Chen, Lynn R Zanardi, Gina T Mootrey, Roseanne English, M Miles Braun,

Study Type : Human Study

Additional Links

Diseases : [Gastroenteritis : CK\(96\) : AC\(11\)](#), [Intussusception : CK\(30\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) :](#)

[Rotavirus vaccinations have a history of causing adverse effects such as intussusception.](#) - GMI Summary

Pubmed Data : Pediatrics. 2001 Jun;107(6):E97. PMID: [11389295](#)

Article Published Date : Jun 01, 2001

Authors : L R Zanardi, P Haber, G T Mootrey, M T Niu, M Wharton

Study Type : Human Study

Additional Links

Diseases : [Intussusception : CK\(30\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

["Viral nucleic acids in live-attenuated vaccines: detection of minority variants and an adventitious virus."](#) - GMI Summary

Pubmed Data : J Virol. 2010 Jun ;84(12):6033-40. Epub 2010 Apr 7. PMID: [20375174](#)

Article Published Date : May 31, 2010

Authors : Joseph G Victoria, Chunlin Wang, Morris S Jones, Crystal Jaing, Kevin McLoughlin, Shea Gardner, Eric L Delwart

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Additional Keywords : [Adventitious Viruses : CK\(18\) : AC\(9\)](#), [Iatrogenic Disease : CK\(226\) : AC\(26\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[PCV2 infection is now widespread worldwide, and increasing numbers of disease conditions have been linked to PCV2 infection in pigs.](#) - GMI Summary

Pubmed Data : Virus Res. 2012 Mar ;164(1-2):1-3. Epub 2011 Dec 14. PMID: [22192532](#)

Article Published Date : Mar 01, 2012

Authors : Xiang-Jin Meng

Study Type : Review

Additional Links

Diseases : [Animal Diseases: Porcine Circovirus Type 2 \(PCV2\) : CK\(11\) : AC\(7\)](#)

Anti Therapeutic Actions : [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[Rotavirus vaccines have been found contaminated with porcine circovirus.](#) - GMI Summary

Pubmed Data : Biologicals. 2012 Mar 6. Epub 2012 Mar 6. PMID: [22402185](#)

Article Published Date : Mar 06, 2012

Authors : Sarah M Gilliland, Lindsay Forrest, Heather Carre, Adrian Jenkins, Neil Berry, Javier Martin, Philip Minor, Silke Schepelmann

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#)

[Vaccination may contribute to causing a wide variety of autoimmune disorders.](#) - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Guillain-Barre Syndrome : CK\(84\) : AC\(14\)](#), [Human](#)

[Papillomavirus \(HPV\) : CK\(153\) : AC\(22\)](#), [Inflammatory Myopathy : CK\(81\) : AC\(5\)](#), [Macrophagic myofasciitis : CK\(15\) : AC\(3\)](#), [Multiple Sclerosis : CK\(716\) : AC\(133\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Systemic Lupus Erythematosus : CK\(387\) : AC\(54\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vasculitis : CK\(48\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#), [Vaccination: HPV \(Gardasil\) : CK\(105\) : AC\(13\)](#), [Vaccination: Influenza : CK\(356\) : AC\(37\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Rotavirus : CK\(33\) : AC\(6\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

Topic: [Vaccination: Adult Rubella](#)

[Congenital malformation is a possible consequence of rubella vaccination during pregnancy.](#) - GMI Summary

Pubmed Data : JAMA. 1981 Sep 25;246(13):1413-7. PMID: [7265443](#)

Article Published Date : Sep 25, 1981

Authors : S R Preblud, H C Stetler, J A Frank, W L Greaves, A R Hinman, K L Herrmann

Study Type : Human Study

Additional Links

Diseases : [Birth Defects : CK\(196\) : AC\(37\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[In one study on rubella vaccination in 19 pregnant women, 9 aborted, 8 induced and 1 spontaneously.](#) - GMI Summary

Pubmed Data : Int Ophthalmol Clin. 1975;15(4):229-41. PMID: [773881](#)

Article Published Date : Jan 01, 1975

Authors : V Boniuk

Study Type : Human Study

Additional Links

Diseases : [Cataract : CK\(182\) : AC\(55\)](#), [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

[Adult rubella and adult hepatitis B vaccines were statistically associated with chronic arthritis which persisted for at least one year.](#) - GMI Summary

Pubmed Data : Clin Exp Rheumatol. 2002 Nov-Dec;20(6):767-71. PMID: [12508767](#)

Article Published Date : Nov 01, 2002

Authors : D A Geier, M R Geier

Study Type : Animal Study

Additional Links

Diseases : [Arthritis : CK\(1430\) : AC\(218\)](#), [Autoimmune Diseases : CK\(5317\) : AC\(779\)](#), [Rheumatoid Arthritis : CK\(424\) : AC\(64\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Hepatitis B : CK\(347\) : AC\(48\)](#)

[Aborted fetal cells \(diploid\) have been used to create the rubella, measles, mumps, rabies, polio, smallpox, hepatitis A, chickenpox, and herpes zoster vaccines.](#) - GMI Summary

Pubmed Data : Cuad Bioet. 2008 May-Aug;19(66):321-53. PMID: [18611078](#)

Article Published Date : May 01, 2008

Authors : José Luís Redondo Calderón

Study Type : Review

Additional Links

Additional Keywords : [Diploid Cell Vaccines : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: Measles : CK\(156\) : AC\(16\)](#), [Vaccination: Mumps-Measles-Rubella \(MMR\) : CK\(228\) : AC\(26\)](#), [Vaccination: Rabies : CK\(4\) : AC\(3\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[During the first five yeras of rubella immunizations in adults concerns emerged about the possibility that the vaccines do harm to the fetus in pregnant women.](#)

- GMI Summary

Pubmed Data : Am J Obstet Gynecol. 1976 Feb 15;124(4):327-32. PMID: [1251853](#)

Article Published Date : Feb 15, 1976

Authors : M Siegel

Study Type : Review

Additional Links

Diseases : [Pregnancy: Vaccination : CK\(94\) : AC\(17\)](#), [Rubella : CK\(54\) : AC\(4\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Adult Rubella : CK\(24\) : AC\(5\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#)

Topic: [Vaccination: Smallpox](#)

[Among US military personnel vaccinated against smallpox, myopericarditis occurred at a rate of 1 per 12,819 primary vaccinees, and 3.6 fold higher in those without previous vaccinia vaccination.](#) - GMI Summary

Pubmed Data : JAMA. 2003 Jun 25;289(24):3283-9. PMID: [12824210](#)

Article Published Date : Jun 25, 2003

Authors : Jeffrey S Halsell, James R Riddle, J Edwin Atwood, Pierce Gardner, Robert Shope, Gregory A Poland, Gregory C Gray, Stephen Ostroff, Robert E Eckart, Duane R Hospenthal, Roger L Gibson, John D Grabenstein, Mark K Arness, David N Tornberg,

Study Type : Human Study

Additional Links

Diseases : [Myopericarditis : CK\(40\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[An economic analysis of mass smallpox vaccination reveals that cardiovascular adverse events would be sizeable and costly.](#) - GMI Summary

Pubmed Data : J Rheumatol. 1994 Jul;21(7):1305-9. PMID: [18284356](#)

Article Published Date : Jul 01, 1994

Authors : Ismael R Ortega-Sanchez, Mercedes M Sniadack, Gina T Mootrey

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Myocarditis and pericarditis have been reported following smallpox vaccination in Europe, Australia and the United States.](#) - GMI Summary

Pubmed Data : Clin Infect Dis. 2008 Mar 15;46 Suppl 3:S242-50. PMID: [18284365](#)

Article Published Date : Mar 15, 2008

Authors : Juliette Morgan, Martha H Roper, Laurence Sperling, Richard A Schieber, James D Heffelfinger, Christine G Casey, Jacqueline W Miller, Scott Santibanez, Barbara Herwaldt, Paige Hightower, Pedro L Moro, Beth F Hibbs, Nancy H Levine, Louisa E Chapman, John Iskander, J Michael Lane, Melinda Wharton, Gina T Mootrey, David L Swerdlow

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)
Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Smallpox vaccination has been associated with cardiac complications such as myopericarditis.](#) - GMI Summary

Pubmed Data : South Med J. 2009 May 7. Epub 2009 May 7. PMID: [19434043](#)

Article Published Date : May 07, 2009

Authors : Luis F Mora, Akbar H Khan, Laurence S Sperling

Study Type : Human Study

Additional Links

Diseases : [Myocarditis : CK\(54\) : AC\(8\)](#), [Myopericarditis : CK\(40\) : AC\(4\)](#), [Pericarditis : CK\(35\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Smallpox vaccine caused iatrogenic vaccinia in children in Russia.](#) - GMI Summary

Pubmed Data : Zh Mikrobiol Epidemiol Immunobiol. 2001 Mar-Apr(2):40-5. PMID: [11548257](#)

Article Published Date : Mar 01, 2001

Authors : G G Onishchenko, V I Markov, V N Ustiushin, S V Borisevich, G I Kuznetsova, S Ia Loginova, A M Berezhnoi, N T Vasil'ev, V A Maksimov, A A Makhlaï

Study Type : Human Study

Additional Links

Diseases : [Smallpox : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Vaccinia virus : CK\(22\) : AC\(4\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Varciella vaccine has been reported to cause herpes zoster skin lesions and meningitis in a previously healthy boy.](#) - GMI Summary

Pubmed Data : J Infect Dis. 2008 Nov 15;198(10):1444-7. PMID: [18826373](#)

Article Published Date : Nov 15, 2008

Authors : Myron J Levin, Roberta L DeBiasi, Vanda Bostik, D Scott Schmid

Study Type : Human Study

Additional Links

Diseases : [Herpes Zoster : CK\(470\) : AC\(35\)](#), [Meningitis: Viral : CK\(20\) : AC\(2\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Review: possible adverse effects that are associated with smallpox vaccination.](#) - GMI Summary

Pubmed Data : MMWR Recomm Rep. 2003 Feb 21;52(RR-4):1-28. PMID: [12617510](#)

Article Published Date : Feb 21, 2003

Authors : Joanne Cono, Christine G Casey, David M Bell,

Study Type : Review

Additional Links

Diseases : [Smallpox : CK\(23\) : AC\(4\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(625\) : AC\(293\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Smallpox : CK\(71\) : AC\(8\)](#)

[Topic: Vaccinaton: Diphtheria](#)

[Diphtheria immunisation is weakly associated with an increased risk of asthma by age 7 years.](#) - GMI Summary

Pubmed Data : Thorax. 2007 Mar;62(3):270-5. Epub 2006 Nov 7. PMID: [17090571](#)

Article Published Date : Mar 01, 2007

Authors : Kazunori Nakajima, Shyamali C Dharmage, John B Carlin, Cathryn L Wharton, Mark A Jenkins, Graham G Giles, Michael J Abramson, E Haydn Walters, John L Hopper

Study Type : Meta Analysis

Additional Links

Diseases : [Asthma : CK\(918\) : AC\(134\)](#), [Atopic Disease : CK\(91\) : AC\(9\)](#), [Hypersensitivity: Immediate : CK\(93\) : AC\(9\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria : CK\(50\) : AC\(2\)](#)

[The association with DTwP vaccines and increased infant mortality in females may be due to vaccine adjuvants and Th2 polarizing effects.](#) - GMI Summary

Pubmed Data : J Trop Med. 2011 ;2011:706304. Epub 2011 May 5. PMID: [21760811](#)

Article Published Date : Jan 01, 2011

Authors : Mogens Helweg Claesson

Study Type : Human Study

Additional Links

Diseases : [Immune Dysregulation: TH1/TH2 imbalance : CK\(146\) : AC\(36\)](#), [Infant Mortality : CK\(229\) : AC\(23\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Diphtheria-Pertussis-Tetanus : CK\(283\) : AC\(31\)](#), [Vaccination: Pertussis : CK\(116\) : AC\(14\)](#), [Vaccination: Tetanus : CK\(48\) : AC\(8\)](#), [Vaccination: Diphtheria : CK\(50\) : AC\(2\)](#)

Problem Substances : [Adjuvant : CK\(18\) : AC\(6\)](#), [Aluminum Hydroxide : CK\(56\) : AC\(14\)](#), [Vaccine Adjuvants : CK\(383\) : AC\(77\)](#)

Topic: [Vaccination: Pneumococcal](#)

[Immunization of mothers with pneumococcal capsular polysaccharide vaccine during pregnancy is ineffective for infants.](#) - GMI Summary

Pubmed Data : Braz J Infect Dis. 2009 Apr;13(2):104-6. PMID: [20140352](#)

Article Published Date : Apr 01, 2009

Authors : Claudia R C Lopes, Eitan N Berezin, Ting Hui Ching, Jaildo de Souza Canuto, Vanilda Oliveira da Costa, Erika Monteiro Klering

Study Type : Human Study

Additional Links

Diseases : [Infant Infections : CK\(420\) : AC\(45\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#), [Upper Respiratory Infections : CK\(972\) : AC\(92\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Pneumococcal conjugate vaccine is not effective to prevent ear infections in previously unvaccinated toddlers and children with a history of recurrent ear infections.](#) - GMI Summary

Pubmed Data : Lancet. 2003 Jun 28;361(9376):2189-95. PMID: [12842372](#)

Article Published Date : Jun 28, 2003

Authors : Reinier Veenhoven, Debby Bogaert, Cuno Uiterwaal, Carole Brouwer, Herma Kiezebrink, Jacob Bruin, Ed IJzerman, Peter Hermans, Ronald de Groot, Ben Zegers, Wietse Kuis, Ger Rijkers, Anne Schilder, Elisabeth Sanders

Study Type : Human Study

Additional Links

Diseases : [Ear Infection : CK\(604\) : AC\(33\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Pneumococcal vaccines are ineffective in children with a history of recurrent acute ear infections - Article 2.](#) - GMI Summary

Pubmed Data : Int J Pediatr Otorhinolaryngol. 2006 Feb;70(2):275-85. Epub 2005 Sep 2. PMID: [16140397](#)

Article Published Date : Feb 01, 2006

Authors : Muriel J P van Kempen, Judith S Vermeiren, Mario Vaneechoutte, Geert Claeys, Reinier H Veenhoven, Ger T Rijkers, Elisabeth A M Sanders, Ingeborg J Dhooge

Study Type : Human Study

Additional Links

Diseases : [Pneumococcal Infections : CK\(50\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Pneumococcal vaccines do not appear to reduce the risk of death from pneumonia in adult populations.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2003(4):CD000422. PMID: [14583920](#)

Article Published Date : Jan 01, 2003

Authors : K Dear, J Holden, R Andrews, D Tatham

Study Type : Human Study

Additional Links

Diseases : [Pneumococcal Infections : CK\(50\) : AC\(11\)](#), [Pneumonia : CK\(330\) : AC\(40\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Review: based on currently available research pneumococcal vaccination should not be recommended for large scale use in ear infection prone populations.](#) - GMI Summary

Pubmed Data : Cochrane Database Syst Rev. 2002(2):CD001480. PMID: [12076412](#)

Article Published Date : Jan 01, 2002

Authors : M Straetemans, E A Sanders, R H Veenhoven, A G Schilder, R A Damoiseaux, G A Zielhuis

Study Type : Review

Additional Links

Diseases : [Ear Infection : CK\(604\) : AC\(33\)](#), [Pneumococcal Infections : CK\(50\) : AC\(11\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Pneumococcal : CK\(71\) : AC\(8\)](#)

[Topic: Vaccination: Lyme disease](#)

[Vaccination for rabies, varicella or Lyme disease may result in acute or subacute post-vaccination small fiber neuropathy.](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Dec 9;27(52):7322-5. Epub 2009 Oct 4. PMID: [19808027](#)

Article Published Date : Dec 09, 2009

Authors : Nizar Souayah, Senda Ajroud-Driss, Howard W Sander, Thomas H Brannagan, Arthur P Hays, Russell L Chin

Study Type : Human Study

Additional Links

Diseases : [Lyme Disease : CK\(32\) : AC\(9\)](#), [Neuropathy: Small Fiber : CK\(10\) : AC\(1\)](#), [Rabies : CK\(13\) : AC\(3\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Varicella : CK\(50\) : AC\(5\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Lyme disease : CK\(11\) : AC\(2\)](#), [Vaccination: Varicella \(Chicken pox\) : CK\(164\) : AC\(20\)](#)

[Vaccination may contribute to causing a wide variety of autoimmune disorders.](#) - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Human Papillomavirus \(HPV\)](#) : CK(153) : AC(22), [Inflammatory Myopathy](#) : CK(81) : AC(5), [Macrophagic myofasciitis](#) : CK(15) : AC(3), [Multiple Sclerosis](#) : CK(716) : AC(133), [Rheumatoid Arthritis](#) : CK(424) : AC(64), [Systemic Lupus Erythematosus](#) : CK(387) : AC(54), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Vasculitis](#) : CK(48) : AC(11)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Haemophilus Influenzae](#) : CK(32) : AC(4), [Vaccination: Hepatitis B](#) : CK(347) : AC(48), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13), [Vaccination: Influenza](#) : CK(356) : AC(37), [Vaccination: Lyme disease](#) : CK(11) : AC(2), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26), [Vaccination: Rabies](#) : CK(4) : AC(3), [Vaccination: Rotavirus](#) : CK(33) : AC(6), [Vaccination: Tetanus](#) : CK(48) : AC(8), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

Topic: [Vaccination: Oral Polio Vaccine](#)

[Paralytic poliomyelitis associated with bivalent oral polio vaccines occurs at a rate over up to 70-fold higher than monovalent oral polio vaccine in Hungary.](#) - GMI Summary

Pubmed Data : Am J Epidemiol. 2011 Aug 1 ;174(3):316-25. Epub 2011 Jun 17. PMID: [21685412](#)

Article Published Date : Jul 31, 2011

Authors : Concepción F Estívariz, Zsuzsanna Molnár, Linda Venczel, Beatrix Kapusinszky, James A Zingeser, Galina Y Lipskaya, Olen M Kew, György Berencsi, Agnes Csohán

Study Type : Human Study

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\)](#) : CK(12) : AC(1), [Poliomyelitis](#) : CK(33) : AC(4), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Oral Polio Vaccine](#) : CK(10) : AC(1), [Vaccination: Oral Polio Vaccine, Bivalent](#) : CK(10) : AC(1), [Vaccination: Polio](#) : CK(94) : AC(15)

Topic: [Vaccination: Oral Polio Vaccine, Bivalent](#)

[Paralytic poliomyelitis associated with bivalent oral polio vaccines occurs at a rate over up to 70-fold higher than monovalent oral polio vaccine in Hungary.](#) - GMI Summary

Pubmed Data : Am J Epidemiol. 2011 Aug 1 ;174(3):316-25. Epub 2011 Jun 17. PMID: [21685412](#)

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Authors : Concepción F Estívariz, Zsuzsanna Molnár, Linda Venczel, Beatrix Kapusinszky, James A Zingeser, Galina Y Lipskaya, Olen M Kew, György Berencsi, Agnes Csohán

Study Type : Human Study

Additional Links

Diseases : [Non-polio acute flaccid paralysis \(NPAFP\)](#) : CK(12) : AC(1), [Poliomyelitis](#) : CK(33) : AC(4), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Oral Polio Vaccine](#) : CK(10) : AC(1), [Vaccination: Oral Polio Vaccine, Bivalent](#) : CK(10) : AC(1), [Vaccination: Polio](#) : CK(94) : AC(15)

Topic: [Vaccination: Rabies](#)

[Rabies vaccine may be ineffective during symptomatic rabies and may contribute to "early death."](#) - GMI Summary

Pubmed Data : Vaccine. 2009 Nov 27;27(51):7173-7. PMID: [19925949](#)

Article Published Date : Nov 27, 2009

Authors : Rodney E Willoughby

Study Type : Animal Study

Additional Links

Diseases : [Rabies](#) : CK(13) : AC(3)

Anti Therapeutic Actions : [Vaccination: Rabies](#) : CK(4) : AC(3)

[Aborted fetal cells \(diploid\) have been used to create the rubella, measles, mumps, rabies, polio, smallpox, hepatitis A, chickenpox, and herpes zoster vaccines.](#) - GMI Summary

Pubmed Data : Cuad Bioet. 2008 May-Aug;19(66):321-53. PMID: [18611078](#)

Article Published Date : May 01, 2008

Authors : José Luís Redondo Calderón

Study Type : Review

Additional Links

Additional Keywords : [Diploid Cell Vaccines](#) : CK(1) : AC(1)

Anti Therapeutic Actions : [Vaccination: Adult Rubella](#) : CK(24) : AC(5), [Vaccination: Measles](#) : CK(156) : AC(16), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26), [Vaccination: Rabies](#) : CK(4) : AC(3), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

[Vaccination may contribute to causing a wide variety of autoimmune disorders.](#) - GMI Summary

Pubmed Data : Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

Article Published Date : Feb 01, 2010

Authors : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type : Commentary

Additional Links

Diseases : [Autoimmune Diseases](#) : CK(5317) : AC(779), [Guillain-Barre Syndrome](#) : CK(84) : AC(14), [Human Papillomavirus \(HPV\)](#) : CK(153) : AC(22), [Inflammatory Myopathy](#) : CK(81) : AC(5), [Macrophagic myofasciitis](#) : CK(15) : AC(3), [Multiple Sclerosis](#) : CK(716) : AC(133), [Rheumatoid Arthritis](#) : CK(424) : AC(64), [Systemic Lupus Erythematosus](#) : CK(387) : AC(54), [Vaccine-induced Toxicity](#) : CK(1130) : AC(163), [Vasculitis](#) : CK(48) : AC(11)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31), [Vaccination: Haemophilus Influenzae](#) : CK(32) : AC(4), [Vaccination: Hepatitis B](#) : CK(347) : AC(48), [Vaccination: HPV \(Gardasil\)](#) : CK(105) : AC(13), [Vaccination: Influenza](#) : CK(356) : AC(37), [Vaccination: Lyme disease](#) : CK(11) : AC(2), [Vaccination: Mumps-Measles-Rubella \(MMR\)](#) : CK(228) : AC(26), [Vaccination: Rabies](#) : CK(4) : AC(3), [Vaccination: Rotavirus](#) : CK(33) : AC(6), [Vaccination: Tetanus](#) : CK(48) : AC(8), [Vaccination: Varicella \(Chicken pox\)](#) : CK(164) : AC(20)

Topic: [Obstetric Interventions](#)

[The use of misoprostol for early pregnancy failure after failed expectant management is less costly than curettage.](#) - GMI Summary

Pubmed Data : Hum Reprod. 2005 Apr;20(4):1067-71. Epub 2004 Dec 23. PMID: [15618248](#)

Article Published Date : Apr 01, 2005

Authors : G C M Graziosi, J W van der Steeg, P H W Reuwer, A P Drogdrop, H W Bruinse, B W J Mol

Study Type : Human Study

Additional Links

Diseases : [Miscarriage](#) : CK(507) : AC(35), [Miscarriage: Medical Intervention](#) : CK(125) : AC(14)

Additional Keywords : [Surgical Alternatives](#) : CK(20) : AC(2)

Anti Therapeutic Actions : [Obstetric Interventions](#) : CK(989) : AC(64), [Vaccination: Diphtheria-Pertussis-Tetanus](#) : CK(283) : AC(31)

Topic: [Vaccination: Cholera](#)

[killed cholera vaccination generates an inferior immune response in comparison to patients with naturally acquired cholera.](#) - GMI Summary

Pubmed Data : Clin Vaccine Immunol. 2011 May ;18(5):844-50. Epub 2011 Feb 23. PMID: [21346055](#)

Article Published Date : May 01, 2011

Authors : Mohammad Murshid Alam, M Asrafuzzaman Riyadh, Kaniz Fatema, Mohammad Arif Rahman, Nayeema Akhtar, Tanvir Ahmed, Mohiul Islam Chowdhury, Fahima Chowdhury, Stephen B Calderwood, Jason B Harris, Edward T Ryan, Firdausi Qadri

Study Type : Human Study

Additional Links

Diseases : [Cholera](#) : CK(27) : AC(17)

Additional Keywords : [Cholera](#) : CK(27) : AC(17)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Cholera](#) : CK(20) : AC(2)

Topic: [Vaccination: Hexavalent](#)

[A case of sudden infant death associated with hexavalent immunization has been reported.](#) - GMI Summary

Pubmed Data : Forensic Sci Int. 2008 Aug 6;179(2-3):e25-9. Epub 2008 Jun 6. PMID: [18538957](#)

Article Published Date : Aug 06, 2008

Authors : Stefano D'Errico, Margherita Neri, Irene Riezzo, Giuseppina Rossi, Cristoforo Pomara, Emanuela Turillazzi, Vittorio Fineschi

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hexavalent](#) : CK(6) : AC(2)

[Sudden infant death syndrome \(SIDS\) shortly after hexavalent vaccination has been reported.](#) - GMI Summary

Pubmed Data : Virchows Arch. 2006 Jan;448(1):100-4. Epub 2005 Oct 18. PMID: [16231176](#)

Article Published Date : Jan 01, 2006

Authors : Giulia Ottaviani, Anna Maria Lavezzi, Luigi Matturri

Study Type : Human: Case Report

Additional Links

Diseases : [Sudden Infant Death Syndrome \(SIDS\)](#) : CK(138) : AC(18)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Hexavalent](#) : CK(6) : AC(2)

Topic: [Vaccination: Nasal](#)

[ransverse myelitis has been reported in association with a nasal attenuated novel influenza A\(H1N1\) vaccine.](#) - GMI Summary

Pubmed Data : Arch Neurol. 2010 Aug;67(8):1018-20. PMID: [20697056](#)

Article Published Date : Aug 01, 2010

Authors : Wafa Akkad, Bassel Salem, Jerome W Freeman, Mark K Huntington

Study Type : Human: Case Report

Additional Links

Diseases : [Myelitis](#) : CK(39) : AC(5), [Swine Flu Associated Virus](#) : CK(156) : AC(33)

Anti Therapeutic Actions : [Vaccination: All](#) : CK(3874) : AC(302), [Vaccination: Influenza](#) : CK(356) : AC(37), [Vaccination: Nasal](#) : CK(3) : AC(1)

Topic: [Vaccination: Plasmid DNA Vaccines](#)

[There is evidence that a DNA vaccine exhibits anti-fertility properties.](#) - GMI Summary

Pubmed Data : Vaccine. 2011 Jul 12 ;29(31):4933-9. Epub 2011 May 17. PMID: [21596079](#)

Article Published Date : Jul 12, 2011

Authors : Meng-Fei Yu, Wen-Ning Fang, Gao-Feng Xiong, Ying Yang, Jing-Pian Peng

Study Type : Animal Study

Additional Links

Diseases : [Infertility : CK\(455\) : AC\(94\)](#), [Vaccination: Abortion : CK\(40\) : AC\(14\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: Plasmid DNA Vaccines : CK\(3\) : AC\(2\)](#)

[DNA plasmid vaccines may carry under reported risks associated with structural instability.](#) - GMI Summary

Pubmed Data : Appl Microbiol Biotechnol. 2010 Aug;87(6):2157-67. Epub 2010 May 23. PMID: [20496146](#)

Article Published Date : Aug 01, 2010

Authors : Pedro H Oliveira, Kristala Jones Prather, Duarte M F Prazeres, Gabriel A Monteiro

Study Type : Review

Additional Links

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Plasmid DNA Vaccines : CK\(3\) : AC\(2\)](#)

[Topic: Vaccination: Anti-Fertility](#)

[Vaccination for contraception.](#) - GMI Summary

Pubmed Data : Aust N Z J Obstet Gynaecol. 1994 Jun;34(3):320-9. PMID: [7848209](#)

Article Published Date : Jun 01, 1994

Authors : W R Jones

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Anti-Fertility : CK\(1\) : AC\(1\)](#)

[Topic: Vaccination: Yellow Fever](#)

["Adverse events associated with 17D-derived yellow fever vaccination--United States, 2001-2002."](#) - GMI Summary

Pubmed Data : MMWR Morb Mortal Wkly Rep. 2002 Nov 8 ;51(44):989-93. PMID: [12455906](#)

Article Published Date : Nov 08, 2002

Study Type : Review

Additional Links

Diseases : [Brain Inflammation : CK\(79\) : AC\(35\)](#), [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Yellow Fever : CK\(13\) : AC\(2\)](#)

[From 1990 to the present, the number of cases \(n = 31\) and deaths \(n = 12\) from the yellow fever vaccine in travelers has exceeded the reports of YF \(n = 6\) acquired by natural infection.](#) - GMI Summary

Pubmed Data : Expert Rev Vaccines. 2012 Apr ;11(4):427-48. PMID: [22551029](#)

Article Published Date : Apr 01, 2012

Authors : Thomas P Monath

Study Type : Review

Additional Links

Diseases : [Vaccine-induced Toxicity : CK\(1130\) : AC\(163\)](#), [Yellow Fever : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: Yellow Fever : CK\(13\) : AC\(2\)](#)

Topic: Genetically Modified Organisms

Review: Biological safety concepts of genetically modified live bacterial vaccines. - GMI Summary

Pubmed Data : Vaccine. 2007 Jul 26 ;25(30):5598-605. Epub 2006 Dec 5. PMID: [17239999](#)

Article Published Date : Jul 26, 2007

Authors : Joachim Frey

Study Type : Review

Additional Links

Additional Keywords : [GMO Vaccines : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Genetically Modified Organisms : CK\(49\) : AC\(35\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: GMO Vaccines : CK\(1\) : AC\(1\)](#)

Topic: Vaccination: Conjugate Vaccines

Conjugate vaccines may predispose children to autism spectrum disorders. - GMI Summary

Pubmed Data : Med Hypotheses. 2011 Oct 10. Epub 2011 Oct 10. PMID: [21993250](#)

Article Published Date : Oct 10, 2011

Authors : Brian J Richmand

Study Type : Review

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#)

Anti Therapeutic Actions : [Vaccination: Conjugate Vaccines : CK\(1\) : AC\(1\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Streptococcus Pneumoniae : CK\(1\) : AC\(1\)](#)

Topic: Vaccination: GMO Vaccines

Review: Biological safety concepts of genetically modified live bacterial vaccines. - GMI Summary

Pubmed Data : Vaccine. 2007 Jul 26 ;25(30):5598-605. Epub 2006 Dec 5. PMID: [17239999](#)

Article Published Date : Jul 26, 2007

Authors : Joachim Frey

Study Type : Review

Additional Links

Additional Keywords : [GMO Vaccines : CK\(1\) : AC\(1\)](#)

Anti Therapeutic Actions : [Genetically Modified Organisms : CK\(49\) : AC\(35\)](#), [Vaccination: All : CK\(3874\) : AC\(302\)](#), [Vaccination: GMO Vaccines : CK\(1\) : AC\(1\)](#)

Topic: Vaccination: Streptococcus Pneumoniae

Conjugate vaccines may predispose children to autism spectrum disorders. - GMI Summary

Pubmed Data : Med Hypotheses. 2011 Oct 10. Epub 2011 Oct 10. PMID: [21993250](#)

Article Published Date : Oct 10, 2011

Authors : Brian J Richmand

Study Type : Review

Additional Links

Diseases : [Autism : CK\(1262\) : AC\(65\)](#), [Autism Spectrum Disorders : CK\(1140\) : AC\(108\)](#)

Anti Therapeutic Actions : [Vaccination: Conjugate Vaccines : CK\(1\) : AC\(1\)](#), [Vaccination: Haemophilus Influenzae : CK\(32\) : AC\(4\)](#), [Vaccination: Streptococcus Pneumoniae : CK\(1\) : AC\(1\)](#)
