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Research Topic

Vaccination: Influenza

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Overview of Terms

Associated with Your Search Topic

51 Relevant Results for
Diseases

Disease/Symptom	Cumulative Knowledge	Article Count
Vaccine-induced Toxicity	132	19
Influenza	120	11
Influenza A	71	6
H1N1 Infection	50	5
Guillain-Barre Syndrome	44	6
Elderly: Age Specific Diseases	40	2
Cystic Fibrosis	30	2
Pregnancy: Vaccination	30	2
Upper Respiratory Infections	30	2
Swine Flu Associated Virus	23	3
Pneumonia	21	2
Cold and Flu: Infants & Children	20	1
Infant Infections	20	1
Infection: In Infants & Children	20	1
Influenza B	20	1
Narcolepsy	20	2
Vasculitis	15	4
Childhood Infections	13	2
Anaphylaxis	10	1
Arthritis: Juvenile Idiopathic	10	1
C-Reactive Protein	10	1
CRP	10	1
Cardiovascular Diseases	10	1
Diabetes Mellitus: Type 2	10	1

Elevated CRP	10	1
Erythema	10	1
Pre-Eclampsia	10	1
Pregnancy Complications	10	1
Preterm Birth: Prevention	10	1
Stroke: Prevention	10	1
Myelitis	6	2
Autoimmune Diseases	5	3
Diabetes Mellitus: Type 1	3	1
Glomerulonephritis	3	1
Guillain Barre Syndrome: Miller Fisher Variant	3	1
Hemolytic Anemia	3	1
Lipoatrophy	3	1
Miller Fisher Syndrome	3	1
Rhabdomyolysis	3	1
Seizures	3	1
Shoulder Injuries	3	1
Statin-Induced Pathologies	3	1
Thrombocytopenia	3	1
Multiple Sclerosis	2	2
Human Papillomavirus (HPV)	1	1
Inflammatory Myopathy	1	1
Lower Respiratory Infections	1	1
Macrophagic myofasciitis	1	1
Peripheral Neuropathies	1	1
Rheumatoid Arthritis	1	1
Systemic Lupus Erythematosus	1	1

Adverse Pharmacological Action Name	Cumulative Knowledge	Article Count
Tumor necrosis factorα (TNFα) up-regulation	20	2
Immunosuppressive	10	1
Immunotoxic	10	1
Interleukin-6 up-regulation	10	1
Myotoxicity	3	1
Neurotoxic	3	2

4 Relevant Results for Keywords

Keyword Name	Cumulative Knowledge	Article Count
Immunosuppressive Flu Vaccines	20	2
Vaccine Research	20	1
Vaccine Failure	13	2
Increased Risk	11	2

12 Relevant Results for Problematic Actions

Problematic Action Name	Cumulative Knowledge	Article Count
Vaccination: All	256	33
Vaccination: Hepatitis B	21	3
Vaccination: Nasal	3	1
Vaccination: Diphtheria-Pertussis-Tetanus	1	1
Vaccination: HPV (Gardisil)	1	1
Vaccination: Haemophilus Influenzae	1	1
Vaccination: Lyme disease	1	1
Vaccination: Mumps-Measles-Rubella (MMR)	1	1
Vaccination: Rabies	1	1

Vaccination: Rotavirus	1	1
Vaccination: Tetanus	1	1
Vaccination: Varicella (Chicken pox)	1	1

2 Relevant Results for Pharmacological Actions

Pharmacological Action Name	Cumulative Knowledge	Article Count
Interleukin-6 upregulation	10	1
Tumor Necrosis Factor (TNF) Alpha Inhibitor	10	1

1 Relevant Result for Substances

Substance Name	Cumulative Knowledge	Article Count
Zinc	10	1

3 Relevant Results for Problem Substances

Problem Substance Name	Cumulative Knowledge	Article Count
2-phenoxyethanol	10	1
Statin Drugs	3	1
Thimerosal	3	2

View the Evidence.
48 Research Articles in Total.

Category : Diseases

Anaphylaxis (AC 1) (CK 10)

Highly increased levels of IgE antibodies to vaccine components in children with influenza vaccine-associated anaphylaxis.

Pubmed Data : J Allergy Clin Immunol. 2015 Sep 11. Epub 2015 Sep 11. PMID: **26365388**

Article Published Date : Sep 10, 2015

Authors : Mizuho Nagao, Takao Fujisawa, Toshiaki Ihara, Yoichiro Kino

Study Type : Human Study
Additional Links
Diseases : Anaphylaxis : CK(67) : AC(18)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)
Problem Substances : 2-phenoxyethanol : CK(2) : AC(2)

Arthritis: Juvenile Idiopathic (AC 1) (CK 10)

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

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(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)
Adverse Pharmacological Actions : Tumor necrosis factorα (TNFα) up-regulation : CK(42) : AC(4)

Autoimmune Diseases (AC 3) (CK 5)

Development of fulminant Type 1 diabetes with thrombocytopenia after influenza vaccination has been observed.

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(6506) : AC(1101) , Diabetes Mellitus: Type 1 : CK(1064) : AC(282), Thrombocytopenia : CK(231) : AC(25) , Vaccine-induced Toxicity : CK(1288) : AC(194)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Swine flu vaccine adjuvants may cause harm in patients with autoimmune diseases such as multiple sclerosis.

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(6506) : AC(1101) , Multiple Sclerosis : CK(941) : AC(180)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

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(6506) : AC(1101) , Guillain-Barre Syndrome : CK(110) : AC(18) , Human Papillomavirus (HPV) : CK(210) : AC(34) , Inflammatory Myopathy : CK(81) : AC(5) , Macrophagic myofasciitis : CK(26) : AC(3), Multiple Sclerosis : CK(941) : AC(180) , Rheumatoid

Arthritis : CK(683) : AC(113), Systemic Lupus Erythematosus : CK(463) : AC(66) , Vaccine-induced Toxicity : CK(1288) : AC(194), Vasculitis : CK(48) : AC(11)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Diphtheria-Pertussis-Tetanus : CK(315) : AC(36), Vaccination: Haemophilus Influenzae : CK(25) : AC(4) , Vaccination: Hepatitis B : CK(407) : AC(54) , Vaccination: HPV (Gardisil) : CK(139) : AC(18) , Vaccination: Influenza : CK(434) : AC(49) , Vaccination: Lyme disease : CK(11) : AC(2) , Vaccination: Mumps-Measles-Rubella (MMR) : CK(276) : AC(37), Vaccination: Rabies : CK(4) : AC(3) , Vaccination: Rotavirus : CK(33) : AC(6), Vaccination: Tetanus : CK(61) : AC(8) , Vaccination: Varicella (Chicken pox) : CK(177) : AC(22)

C-Reactive Protein (AC 1) (CK 10)

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

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(1588) : AC(167), Cardiovascular Diseases : CK(6909) : AC(874) , Diabetes Mellitus: Type 2 : CK(3285) : AC(576) , Influenza A : CK(387) : AC(101) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Pharmacological Actions : Interleukin-6 upregulation : CK(26) : AC(7)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

CRP (AC 1) (CK 10)

Flu vaccination causes measurable increases in

inflammation in pregnant women which may increase the risk of preeclempsia and adverse outcomes such as preterm birth.

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(82) : AC(8) , Pre-Eclampsia : CK(299) : AC(33), Pregnancy: Vaccination : CK(92) : AC(16) , Pregnancy Complications : CK(192) : AC(23) , Preterm Birth: Prevention : CK(111) : AC(9), Vaccine-induced Toxicity : CK(1288) : AC(194)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Adverse Pharmacological Actions : Interleukin-6 up-regulation : CK(14) : AC(3) , Tumor necrosis factorα (TNFα) up-regulation : CK(42) : AC(4)

Cardiovascular Diseases (AC 1) (CK 10)

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

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(1588) : AC(167), Cardiovascular Diseases : CK(6909) : AC(874) , Diabetes Mellitus: Type 2 : CK(3285) : AC(576) , Influenza A : CK(387) : AC(101) , Vaccine-induced Toxicity : CK(1288) : AC(194)

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

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Childhood Infections (AC 2) (CK 13)

Guillain-Barré syndrome following H1N1 immunization in a pediatric patient has been reported.

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(110) : AC(18) , Influenza : CK(787) : AC(121) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Influenza vaccines were not shown to be effective among children 6 to 59 months of age during 2 influenza seasons.

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(788) : AC(122) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Cold and Flu: Infants & Children (AC 1) (CK 20)

Inactivated flu vaccines have not been proven to be effective or safe in preventing influenza in healthy children under two.

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(101) : AC(10), Influenza A : CK(387) : AC(101)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Cystic Fibrosis (AC 2) (CK 30)

Annual influenza vaccination hampers the development of virus-specific CD8(+) T cell responses necessary to protect against influenza infection.

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(547) : AC(83) , Influenza : CK(788) : AC(122)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)
Adverse Pharmacological Actions : Immunosuppressive : CK(168) : AC(31)

There is currently no evidence from randomised studies that influenza vaccine given to people with CF is of benefit to them.

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(547) : AC(83)
Additional Keywords : Vaccine Research : CK(20) : AC(1)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

Diabetes Mellitus: Type 1 (AC 1) (CK 3)

Development of fulminant Type 1 diabetes with thrombocytopenia after influenza vaccination has been observed.

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(6506) : AC(1101) , Diabetes Mellitus: Type 1 : CK(1064) : AC(282), Thrombocytopenia : CK(231) : AC(25) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Diabetes Mellitus: Type 2 (AC 1) (CK 10)

Influenza A vaccination containing adjuvant causes cardiac autonomic dysfunction and inflammation which may transiently increase the risk of cardiovascular

events.

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(1588) : AC(167) , Cardiovascular Diseases : CK(6909) : AC(874) , Diabetes Mellitus: Type 2 : CK(3285) : AC(576) , Influenza A : CK(387) : AC(101) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Pharmacological Actions : Interleukin-6 upregulation : CK(26) : AC(7)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Elderly: Age Specific Diseases (AC 2) (CK 40)

Influenza vaccination for healthcare workers who work with the elderly has no effect on laboratory-proven influenza, pneumonia or deaths from pneumonia.

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(38) , Influenza : CK(788) : AC(122) , Pneumonia : CK(388) : AC(52)
Anti Therapeutic Actions : Vaccination: Influenza : CK(434) : AC(49)

There is a lack of evidence for the effectiveness of influenza vaccines in adults aged 65 years or older.

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(38) , Influenza : CK(788) : AC(122)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Elevated CRP (AC 1) (CK 10)

Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclempsia and adverse outcomes such as preterm birth.

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(82) : AC(8) , Pre-Eclampsia : CK(299) : AC(33), Pregnancy: Vaccination : CK(92) : AC(16) , Pregnancy Complications : CK(192) : AC(23) , Preterm Birth: Prevention : CK(111) : AC(9), Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)
Adverse Pharmacological Actions : Interleukin-6 up-regulation : CK(14) : AC(3) , Tumor necrosis factorα (TNFα) up-regulation : CK(42) : AC(4)

Erythema (AC 1) (CK 10)

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

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(1288) : AC(194)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Hepatitis B : CK(407) : AC(54), Vaccination: Influenza : CK(435) : AC(50)

Glomerulonephritis (AC 1) (CK 3)

A case of innfluenza vaccine induced have necrotizing glomerulonephritis in decursu vasculitis has been reported.

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(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Guillain Barre Syndrome: Miller Fisher Variant (AC 1) (CK 3)

Influenza vaccination has been reported to cause miller fisher syndrome.

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(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Guillain-Barre Syndrome (AC 6) (CK 44)

"Chart-confirmed guillain-barre syndrome after 2009 H1N1 influenza vaccination among the Medicare population, 2009-2010."

Pubmed Data : Am J Epidemiol. 2013 Sep 15 ;178(6):962-73. Epub 2013 May 6. PMID: 23652165

Article Published Date : Sep 14, 2013

Authors : Laura L Polakowski, Sukhminder K Sandhu, David B Martin, Robert Ball, Thomas E Macurdy, Riley L Franks, Jonathan M Gibbs, Garner F Kropp, Armen Avagyan, Jeffrey A Kelman, Christopher M Worrall, Guoying Sun, Rebecca E Kliman, Dale R Burwen

Study Type : Human Study
Additional Links
Diseases : Guillain-Barre Syndrome : CK(110) : AC(18) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

"Risk of Guillain-Barré syndrome after 2010-2011 influenza vaccination."

Pubmed Data : Eur J Epidemiol. 2013 May ;28(5):433-44. Epub 2013 Mar 31. PMID: 23543123

Article Published Date : Apr 30, 2013

Authors : Francesca Galeotti, Marco Massari, Roberto D'Alessandro, Ettore Beghi, Adriano Chiò, Giancarlo Logroscino, Graziella Filippini, Maria Donata Benedetti, Maura Pugliatti, Carmela Santuccio, Roberto Raschetti,

Study Type : Human Study
Additional Links
Diseases : Guillain-Barre Syndrome : CK(110) : AC(18) , H1N1 Infection : CK(573) : AC(112)
Anti Therapeutic Actions : Vaccination: Influenza : CK(434) : AC(49)

Guillain-Barré syndrome following H1N1 immunization in a pediatric patient has been reported.

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(110) : AC(18) , Influenza : CK(787) : AC(121) , Vaccine-induced Toxicity : CK(1288) : AC(194)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

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

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(110) : AC(18) , Vaccine-induced Toxicity : CK(1288) : AC(194)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Hepatitis B : CK(407) : AC(54), Vaccination: Influenza : CK(434) : AC(49)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

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(6506) : AC(1101) , Guillain-Barre Syndrome : CK(110) : AC(18) , Human Papillomavirus (HPV) : CK(210) : AC(34) , Inflammatory Myopathy : CK(81) : AC(5) , Macrophagic myofasciitis : CK(26) : AC(3), Multiple Sclerosis : CK(941) : AC(180) , Rheumatoid Arthritis : CK(683) : AC(113), Systemic Lupus Erythematosus : CK(463) : AC(66) , Vaccine-induced Toxicity : CK(1288) : AC(194), Vasculitis : CK(48) : AC(11)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Diphtheria-

Pertussis-Tetanus : CK(315) : AC(36), Vaccination: Haemophilus Influenzae : CK(25) : AC(4) , Vaccination: Hepatitis B : CK(407) : AC(54) , Vaccination: HPV (Gardisil) : CK(139) : AC(18) , Vaccination: Influenza : CK(434) : AC(49) , Vaccination: Lyme disease : CK(11) : AC(2) , Vaccination: Mumps-Measles-Rubella (MMR) : CK(276) : AC(37), Vaccination: Rabies : CK(4) : AC(3) , Vaccination: Rotavirus : CK(33) : AC(6), Vaccination: Tetanus : CK(61) : AC(8) , Vaccination: Varicella (Chicken pox) : CK(177) : AC(22)

H1N1 Infection (AC 5) (CK 50)

"Risk of Guillain-Barré syndrome after 2010-2011 influenza vaccination."

Pubmed Data : Eur J Epidemiol. 2013 May ;28(5):433-44. Epub 2013 Mar 31. PMID: **23543123**

Article Published Date : Apr 30, 2013

Authors : Francesca Galeotti, Marco Massari, Roberto D'Alessandro, Ettore Beghi, Adriano Chiò, Giancarlo Logroscino, Graziella Filippini, Maria Donata Benedetti, Maura Pugliatti, Carmela Santuccio, Roberto Raschetti,

Study Type : Human Study
Additional Links
Diseases : Guillain-Barre Syndrome : CK(110) : AC(18) , H1N1 Infection : CK(573) : AC(112)
Anti Therapeutic Actions : Vaccination: Influenza : CK(434) : AC(49)

Prior receipt of seasonal flu vaccine (2008-09)was associated with increased risk of medically attended pandemic H1N1 illness (2008-09).

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 Ouhoummane, 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(573) : AC(112)
Additional Keywords : Immunosuppressive Flu Vaccines : CK(20) : AC(2)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Seasonal influenza vaccine (2008-2009) is associated with an increased risk of influenza-like illness from pandemic H1N1 infection.

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(573) : AC(112)
Additional Keywords : Immunosuppressive Flu Vaccines : CK(20) : AC(2)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Widening influenza vaccine coverage is not correleated with declining mortality rates in any age group. The benefits of vaccination are substantially overestimated.

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(573) : AC(112) , Influenza : CK(788) : AC(122) , Influenza A : CK(387) : AC(101), Swine Flu Associated Virus : CK(182) : AC(40)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Hemolytic Anemia (AC 1) (CK 3)

Autoimmune hemolytic anemia following MF59-adjuvanted influenza vaccine has been reported.

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(1288) : AC(194)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Human Papillomavirus (HPV) (AC 1) (CK 1)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

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(6506) : AC(1101) , Guillain-Barre Syndrome : CK(110) : AC(18) , Human Papillomavirus (HPV) : CK(210) : AC(34) , Inflammatory Myopathy : CK(81) : AC(5) , Macrophagic myofasciitis : CK(26) : AC(3), Multiple Sclerosis : CK(941) : AC(180) , Rheumatoid Arthritis : CK(683) : AC(113), Systemic Lupus Erythematosus : CK(463) : AC(66) , Vaccine-induced Toxicity : CK(1288) : AC(194), Vasculitis : CK(48) : AC(11)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Diphtheria-Pertussis-Tetanus : CK(315) : AC(36), Vaccination: Haemophilus Influenzae : CK(25) : AC(4) , Vaccination: Hepatitis B : CK(407) : AC(54) , Vaccination: HPV (Gardisil) : CK(139) : AC(18) , Vaccination: Influenza : CK(434) : AC(49) , Vaccination: Lyme disease : CK(11) : AC(2) , Vaccination: Mumps-Measles-Rubella (MMR) : CK(276) : AC(37), Vaccination: Rabies : CK(4) : AC(3) , Vaccination: Rotavirus : CK(33) : AC(6), Vaccination: Tetanus : CK(61) : AC(8) , Vaccination: Varicella (Chicken pox) : CK(177) : AC(22)

Infant Infections (AC 1) (CK 20)

Maternal influenza vaccination during pregnancy does not reduce the incidence of acute respiratory illness visits among infants.

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(410) : AC(44) , Pregnancy: Vaccination : CK(92) : AC(16) , Upper Respiratory Infections : CK(950) : AC(114)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Infection: In Infants & Children (AC 1) (CK 20)

Inactivated flu vaccines have not been proven to be effective or safe in preventing influenza in healthy children under two.

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(101) : AC(10), Influenza A : CK(387) : AC(101)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Inflammatory Myopathy (AC 1) (CK 1)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

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(6506) : AC(1101) , Guillain-Barre Syndrome : CK(110) : AC(18) , Human Papillomavirus (HPV) : CK(210) : AC(34) , Inflammatory Myopathy : CK(81) : AC(5) , Macrophagic myofasciitis : CK(26) : AC(3), Multiple Sclerosis : CK(941) : AC(180) , Rheumatoid Arthritis : CK(683) : AC(113), Systemic Lupus Erythematosus : CK(463) : AC(66) , Vaccine-induced Toxicity : CK(1288) : AC(194), Vasculitis : CK(48) : AC(11)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Diphtheria-Pertussis-Tetanus : CK(315) : AC(36), Vaccination: Haemophilus Influenzae : CK(25) : AC(4) , Vaccination: Hepatitis B : CK(407) : AC(54) , Vaccination: HPV (Gardisil) : CK(139) : AC(18) , Vaccination: Influenza : CK(434) : AC(49) , Vaccination: Lyme disease : CK(11) : AC(2) , Vaccination: Mumps-Measles-Rubella (MMR) : CK(276) : AC(37), Vaccination: Rabies : CK(4) : AC(3) , Vaccination: Rotavirus : CK(33) : AC(6), Vaccination: Tetanus : CK(61) : AC(8) , Vaccination: Varicella (Chicken pox) : CK(177) : AC(22)

Influenza (AC 11) (CK 120)

Annual influenza vaccination hampers the development of virus-specific CD8(+) T cell responses necessary to protect against influenza infection.

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(547) : AC(83) , Influenza : CK(788) : AC(122)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) :

AC(49)
Adverse Pharmacological Actions : Immunosuppressive : CK(168) : AC(31)

Guillain-Barré syndrome following H1N1 immunization in a pediatric patient has been reported.

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(110) : AC(18) , Influenza : CK(787) : AC(121) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

H1N1 vaccination has been linked to possible new-onset seizure.

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(788) : AC(122) , Seizures : CK(180) : AC(50)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Influenza vaccination did not reduce the risk of subsequent hospital admission among patients with vaccine failure. These findings do not support the hypothesis that vaccination mitigates influenza illness severity.

Pubmed Data : Vaccine. 2014 Jan 16 ;32(4):453-7. Epub 2013 Nov 26. PMID: 24291201

Article Published Date : Jan 15, 2014

Authors : Huong Q McLean, Jennifer K Meece, Edward A Belongia

Study Type : Human: Case Report
Additional Links
Diseases : Influenza : CK(788) : AC(122) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Additional Keywords : Vaccine Failure : CK(255) : AC(32)

Anti Therapeutic Actions : Vaccination: Influenza : CK(434) : AC(49)

Influenza vaccination for healthcare workers who work with the elderly has no effect on laboratory-proven influenza, pneumonia or deaths from pneumonia.

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(38) , Influenza : CK(788) : AC(122) , Pneumonia : CK(388) : AC(52)
Anti Therapeutic Actions : Vaccination: Influenza : CK(434) : AC(49)

Influenza vaccines were not shown to be effective among children 6 to 59 months of age during 2 influenza seasons.

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(788) : AC(122) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

There is a lack of evidence for the effectiveness of influenza vaccines in adults aged 65 years or older.

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(38) , Influenza : CK(788) : AC(122)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

There is no solid evidence available supporting the belief that vaccines are effective in preventing influenza in the elderly.

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(788) : AC(122)
Anti Therapeutic Actions : Vaccination: Influenza : CK(434) : AC(49)

This review finds no reasonable evidence to support the vaccination of healthcare workers to prevent influenza in older people.

Pubmed Data : Cochrane Database Syst Rev. 2016 Jun 2 ;6:CD005187. Epub 2016 Jun 2. PMID: 27251461

Article Published Date : Jun 01, 2016

Authors : Roger E Thomas, Tom Jefferson, Toby J Lasserson

Study Type : Review
Additional Links
Diseases : Influenza : CK(788) : AC(122)
Anti Therapeutic Actions : Vaccination: Influenza : CK(434) : AC(49)

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.

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(788) : AC(122)
Additional Keywords : Influenza : CK(788) : AC(122)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Widening influenza vaccine coverage is not correleated with declining mortality rates in any age group. The benefits of vaccination are substantially overestimated.

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(573) : AC(112) , Influenza : CK(788) : AC(122) , Influenza A : CK(387) : AC(101), Swine Flu Associated Virus : CK(182) : AC(40)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Influenza A (AC 6) (CK 71)

Inactivated flu vaccines have not been proven to be effective or safe in preventing influenza in healthy children under two.

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(101) : AC(10), Influenza A : CK(387) : AC(101)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Influenza A vaccination containing adjuvant causes cardiac autonomic dysfunction and inflammation which

may transiently increase the risk of cardiovascular events.

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(1588) : AC(167), Cardiovascular Diseases : CK(6909) : AC(874), Diabetes Mellitus: Type 2 : CK(3285) : AC(576), Influenza A : CK(387) : AC(101), Vaccine-induced Toxicity : CK(1288) : AC(194)
Pharmacological Actions : Interleukin-6 upregulation : CK(26) : AC(7)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408), Vaccination: Influenza : CK(435) : AC(50)

Influenza-related mortality is not prevented with increasing vaccination coverage.

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(387) : AC(101), Swine Flu Associated Virus : CK(182) : AC(40)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408), Vaccination: Influenza : CK(434) : AC(49)

There is little evidence supporting the belief that vaccines are effective in preventing influenza in healthy adults.

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(387) : AC(101), Influenza B : CK(73) : AC(14)
Anti Therapeutic Actions : Vaccination: Influenza : CK(434) : AC(49)

Vaccine-induced anti-HA2 antibodies promote virus fusion and enhance influenza virus respiratory disease.

Pubmed Data : Sci Transl Med. 2013 Aug 28 ;5(200):200ra114. PMID: **23986398**

Article Published Date : Aug 27, 2013

Authors : Surender Khurana, Crystal L Loving, Jody Manischewitz, Lisa R King, Phillip C Gauger, Jamie Henningson, Amy L Vincent, Hana Golding

Study Type : In Vitro Study
Additional Links
Diseases : Influenza A : CK(387) : AC(101) , Lower Respiratory Infections : CK(12) : AC(3) , Pneumonia : CK(388) : AC(52)
Additional Keywords : Increased Risk : CK(1247) : AC(153)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

Widening influenza vaccine coverage is not correleated with declining mortality rates in any age group. The benefits of vaccination are substantially overestimated.

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(573) : AC(112) , Influenza : CK(788) : AC(122) , Influenza A : CK(387) : AC(101), Swine Flu Associated Virus : CK(182) : AC(40)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Influenza B (AC 1) (CK 20)

There is little evidence supporting the belief that vaccines are effective in preventing influenza in healthy adults.

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(387) : AC(101) , Influenza B : CK(73) : AC(14)

Anti Therapeutic Actions : Vaccination: Influenza : CK(434) : AC(49)

Lipoatrophy (AC 1) (CK 3)

Delayed focal lipoatrophy after AS03-adjuvanted influenza A (H1N1) 2009 vaccine has been reported.

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(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Lower Respiratory Infections (AC 1) (CK 1)

Vaccine-induced anti-HA2 antibodies promote virus fusion and enhance influenza virus respiratory disease.

Pubmed Data : Sci Transl Med. 2013 Aug 28 ;5(200):200ra114. PMID: 23986398

Article Published Date : Aug 27, 2013

Authors : Surender Khurana, Crystal L Loving, Jody Manischewitz, Lisa R King, Phillip C Gauger, Jamie Henningson, Amy L Vincent, Hana Golding

Study Type : In Vitro Study
Additional Links
Diseases : Influenza A : CK(387) : AC(101) , Lower Respiratory Infections : CK(12) : AC(3) , Pneumonia : CK(388) : AC(52)
Additional Keywords : Increased Risk : CK(1247) : AC(153)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

Macrophagic myofasciitis (AC 1) (CK 1)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

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(6506) : AC(1101) , Guillain-Barre Syndrome : CK(110) : AC(18) , Human Papillomavirus (HPV) : CK(210) : AC(34) , Inflammatory Myopathy : CK(81) : AC(5) , Macrophagic myofasciitis : CK(26) : AC(3), Multiple Sclerosis : CK(941) : AC(180) , Rheumatoid Arthritis : CK(683) : AC(113), Systemic Lupus Erythematosus : CK(463) : AC(66) , Vaccine-induced Toxicity : CK(1288) : AC(194), Vasculitis : CK(48) : AC(11)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Diphtheria-Pertussis-Tetanus : CK(315) : AC(36), Vaccination: Haemophilus Influenzae : CK(25) : AC(4) , Vaccination: Hepatitis B : CK(407) : AC(54) , Vaccination: HPV (Gardisil) : CK(139) : AC(18) , Vaccination: Influenza : CK(434) : AC(49) , Vaccination: Lyme disease : CK(11) : AC(2) , Vaccination: Mumps-Measles-Rubella (MMR) : CK(276) : AC(37), Vaccination: Rabies : CK(4) : AC(3) , Vaccination: Rotavirus : CK(33) : AC(6), Vaccination: Tetanus : CK(61) : AC(8) , Vaccination: Varicella (Chicken pox) : CK(177) : AC(22)

Miller Fisher Syndrome (AC 1) (CK 3)

Influenza vaccination has been reported to cause miller fisher syndrome.

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(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Multiple Sclerosis (AC 2) (CK 2)

Swine flu vaccine adjuvants may cause harm in patients with autoimmune diseases such as multiple sclerosis.

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(6506) : AC(1101) , Multiple Sclerosis : CK(941) : AC(180)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

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(6506) : AC(1101) , Guillain-Barre Syndrome : CK(110) : AC(18) , Human Papillomavirus (HPV) : CK(210) : AC(34) , Inflammatory Myopathy : CK(81) : AC(5) , Macrophagic myofasciitis : CK(26) : AC(3), Multiple Sclerosis : CK(941) : AC(180) , Rheumatoid Arthritis : CK(683) : AC(113), Systemic Lupus Erythematosus : CK(463) : AC(66) , Vaccine-induced Toxicity : CK(1288) : AC(194), Vasculitis : CK(48) : AC(11)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Diphtheria-Pertussis-Tetanus : CK(315) : AC(36), Vaccination: Haemophilus Influenzae : CK(25) : AC(4) , Vaccination: Hepatitis B : CK(407) : AC(54) , Vaccination: HPV (Gardisil) : CK(139) : AC(18) , Vaccination: Influenza : CK(434) : AC(49) , Vaccination: Lyme disease : CK(11) : AC(2) , Vaccination: Mumps-Measles-Rubella (MMR) : CK(276) : AC(37), Vaccination: Rabies : CK(4) : AC(3) , Vaccination: Rotavirus : CK(33) : AC(6), Vaccination: Tetanus : CK(61) : AC(8) , Vaccination: Varicella (Chicken pox) : CK(177) : AC(22)

Myelitis (AC 2) (CK 6)

Acute transverse myelitis after influenza vaccination has been reported.

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(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

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ransverse myelitis has been reported in association with a nasal attenuated novel influenza A(H1N1) vaccine.

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(182) : AC(40)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49), Vaccination: Nasal : CK(3) : AC(1)

Narcolepsy (AC 2) (CK 20)

An association between Pandemrix vaccination and narcolepsy has been observed in Finland and Sweden

Pubmed Data : Euro Surveill. 2014 ;19(17):15-25. Epub 2014 May 1. PMID: **24821121**

Article Published Date : Dec 31, 2013

Authors : D O'Flanagan, A S Barret, M Foley, S Cotter, C Bonner, C Crowe, B Lynch, B Sweeney, H Johnson, B McCoy, E Purcell

Study Type : Human Study
Additional Links
Diseases : Narcolepsy : CK(21) : AC(3) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

We consider it likely that pandemrix vaccination contributed to the increased incidence of narcolepsy in Finland in 2010 in HLA DQB1*0602 positive children.

Pubmed Data : PLoS One. 2012 ;7(3):e33723. Epub 2012 Mar 28. PMID: **22470463**

Article Published Date : Dec 31, 2011

Authors : Markku Partinen, Outi Saarenpää-Heikkilä, Ismo Ilveskoski, Christer Hublin, Miika Linna, Päivi Olsén, Pekka Nokelainen, Reija Alén, Tiina Wallden, Merimaaria Espo, Harri Rusanen, Jan Olme, Heli Sätilä, Harri Arikka, Pekka Kaipainen, Ilkka Julkunen, Turkka Kirjavainen

Study Type : Human Study
Additional Links
Diseases : Narcolepsy : CK(21) : AC(3) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Additional Keywords : Vaccine-induced Toxicity : CK(1288) : AC(194), Increased Risk : CK(1247) : AC(153)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

Peripheral Neuropathies (AC 1) (CK 1)

Influenza vaccines may induce hepatitis-B virus-related vasculitis and severe neuropathy.

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(214) : AC(35) , Vasculitis : CK(48) : AC(11)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Pneumonia (AC 2) (CK 21)

Influenza vaccination for healthcare workers who work with the elderly has no effect on laboratory-proven influenza, pneumonia or deaths from pneumonia.

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(38) , Influenza : CK(788) : AC(122) , Pneumonia : CK(388) : AC(52)
Anti Therapeutic Actions : Vaccination: Influenza : CK(434) : AC(49)

Vaccine-induced anti-HA2 antibodies promote virus fusion and enhance influenza virus respiratory disease.

Pubmed Data : Sci Transl Med. 2013 Aug 28 ;5(200):200ra114. PMID: 23986398

Article Published Date : Aug 27, 2013

Authors : Surender Khurana, Crystal L Loving, Jody Manischewitz, Lisa R King, Phillip C Gauger, Jamie Henningson, Amy L Vincent, Hana Golding

Study Type : In Vitro Study
Additional Links
Diseases : Influenza A : CK(387) : AC(101) , Lower Respiratory Infections : CK(12) : AC(3) , Pneumonia : CK(388) : AC(52)
Additional Keywords : Increased Risk : CK(1247) : AC(153)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

Pre-Eclampsia (AC 1) (CK 10)

Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclempsia and adverse outcomes such as preterm birth.

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(82) : AC(8) , Pre-Eclampsia : CK(299) : AC(33), Pregnancy: Vaccination : CK(92) : AC(16) , Pregnancy Complications : CK(192) : AC(23) , Preterm Birth: Prevention : CK(111) : AC(9), Vaccine-induced Toxicity : CK(1288) : AC(194)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Adverse Pharmacological Actions : Interleukin-6 up-regulation : CK(14) : AC(3) , Tumor necrosis factorα (TNFα) up-regulation : CK(42) : AC(4)

Pregnancy Complications (AC 1) (CK 10)

Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclempsia and adverse outcomes such as preterm birth.

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(82) : AC(8) , Pre-Eclampsia : CK(299) : AC(33), Pregnancy: Vaccination : CK(92) : AC(16) , Pregnancy Complications : CK(192) : AC(23) , Preterm Birth: Prevention : CK(111) : AC(9), Vaccine-induced Toxicity : CK(1288) : AC(194)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Adverse Pharmacological Actions : Interleukin-6 up-regulation : CK(14) : AC(3) , Tumor necrosis

factorα (TNFα) up-regulation : CK(42) : AC(4)

Pregnancy: Vaccination (AC 2) (CK 30)

Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclempsia and adverse outcomes such as preterm birth.

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(82) : AC(8) , Pre-Eclampsia : CK(299) : AC(33), Pregnancy: Vaccination : CK(92) : AC(16) , Pregnancy Complications : CK(192) : AC(23) , Preterm Birth: Prevention : CK(111) : AC(9), Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)
Adverse Pharmacological Actions : Interleukin-6 up-regulation : CK(14) : AC(3) , Tumor necrosis factorα (TNFα) up-regulation : CK(42) : AC(4)

Maternal influenza vaccination during pregnancy does not reduce the incidence of acute respiratory illness visits among infants.

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(410) : AC(44) , Pregnancy: Vaccination : CK(92) : AC(16) , Upper Respiratory Infections : CK(950) : AC(114)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Preterm Birth: Prevention (AC 1) (CK 10)

Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclempsia and adverse outcomes such as preterm birth.

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(82) : AC(8) , Pre-Eclampsia : CK(299) : AC(33), Pregnancy: Vaccination : CK(92) : AC(16) , Pregnancy Complications : CK(192) : AC(23) , Preterm Birth: Prevention : CK(111) : AC(9), Vaccine-induced Toxicity : CK(1288) : AC(194)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Adverse Pharmacological Actions : Interleukin-6 up-regulation : CK(14) : AC(3) , Tumor necrosis factorα (TNFα) up-regulation : CK(42) : AC(4)

Rhabdomyolysis (AC 1) (CK 3)

Influenza vaccine has been reported to be a possible trigger of rhabdomyolysis induced acute renal failure in those taking statin drugs.

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(1626) : AC(325)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)
Problem Substances : Statin Drugs : CK(4163) : AC(498)
Adverse Pharmacological Actions : Myotoxicity : CK(327) : AC(80)

Rheumatoid Arthritis (AC 1) (CK 1)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

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(6506) : AC(1101) , Guillain-Barre Syndrome : CK(110) : AC(18) , Human Papillomavirus (HPV) : CK(210) : AC(34) , Inflammatory Myopathy : CK(81) : AC(5) , Macrophagic myofasciitis : CK(26) : AC(3), Multiple Sclerosis : CK(941) : AC(180) , Rheumatoid Arthritis : CK(683) : AC(113), Systemic Lupus Erythematosus : CK(463) : AC(66) , Vaccine-induced Toxicity : CK(1288) : AC(194), Vasculitis : CK(48) : AC(11)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Diphtheria-Pertussis-Tetanus : CK(315) : AC(36), Vaccination: Haemophilus Influenzae : CK(25) : AC(4) , Vaccination: Hepatitis B : CK(407) : AC(54) , Vaccination: HPV (Gardisil) : CK(139) : AC(18) , Vaccination: Influenza : CK(434) : AC(49) , Vaccination: Lyme disease : CK(11) : AC(2) , Vaccination: Mumps-Measles-Rubella (MMR) : CK(276) : AC(37), Vaccination: Rabies : CK(4) : AC(3) , Vaccination: Rotavirus : CK(33) : AC(6), Vaccination: Tetanus : CK(61) : AC(8) , Vaccination: Varicella (Chicken pox) : CK(177) : AC(22)

Seizures (AC 1) (CK 3)

H1N1 vaccination has been linked to possible new-onset seizure.

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(788) : AC(122) , Seizures : CK(180) : AC(50)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Shoulder Injuries (AC 1) (CK 3)

Case report: a shoulder injury related to vaccine administration.

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(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

Statin-Induced Pathologies (AC 1) (CK 3)

Influenza vaccine has been reported to be a possible trigger of rhabdomyolysis induced acute renal failure in those taking statin drugs.

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(1626) : AC(325)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)
Problem Substances : Statin Drugs : CK(4163) : AC(498)
Adverse Pharmacological Actions : Myotoxicity : CK(327) : AC(80)

Stroke: Prevention (AC 1) (CK 10)

Influenza vaccination does not prevent ischemic stroke and it does not reduce the rate of acute previous infections in stroke patients.

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(163) : AC(21)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Swine Flu Associated Virus (AC 3) (CK 23)

Influenza-related mortality is not prevented with increasing vaccination coverage.

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(387) : AC(101) , Swine Flu Associated Virus : CK(182) : AC(40)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Widening influenza vaccine coverage is not correleated with declining mortality rates in any age group. The benefits of vaccination are substantially overestimated.

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(573) : AC(112) , Influenza : CK(788) : AC(122) , Influenza A : CK(387) : AC(101), Swine Flu Associated Virus : CK(182) : AC(40)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

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ransverse myelitis has been reported in association with a nasal attenuated novel influenza A(H1N1) vaccine.

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(182) : AC(40)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49), Vaccination: Nasal : CK(3) : AC(1)

Systemic Lupus Erythematosus (AC 1) (CK 1)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

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(6506) : AC(1101) , Guillain-Barre Syndrome : CK(110) : AC(18) , Human Papillomavirus (HPV) : CK(210) : AC(34) , Inflammatory Myopathy : CK(81) : AC(5) , Macrophagic myofasciitis : CK(26) : AC(3), Multiple Sclerosis : CK(941) : AC(180) , Rheumatoid Arthritis : CK(683) : AC(113), Systemic Lupus Erythematosus : CK(463) : AC(66) , Vaccine-induced Toxicity : CK(1288) : AC(194), Vasculitis : CK(48) : AC(11)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Diphtheria-Pertussis-Tetanus : CK(315) : AC(36), Vaccination: Haemophilus Influenzae : CK(25) : AC(4) , Vaccination: Hepatitis B : CK(407) : AC(54) , Vaccination: HPV (Gardisil) : CK(139) : AC(18) , Vaccination: Influenza : CK(434) : AC(49) , Vaccination: Lyme disease : CK(11) : AC(2) , Vaccination: Mumps-Measles-Rubella (MMR) : CK(276) : AC(37), Vaccination: Rabies : CK(4) : AC(3) , Vaccination: Rotavirus : CK(33) : AC(6), Vaccination: Tetanus : CK(61) : AC(8) , Vaccination: Varicella (Chicken pox) : CK(177) : AC(22)

Thrombocytopenia (AC 1) (CK 3)

Development of fulminant Type 1 diabetes with thrombocytopenia after influenza vaccination has been observed.

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(6506) : AC(1101) , Diabetes Mellitus: Type 1 : CK(1064) : AC(282), Thrombocytopenia : CK(231) : AC(25) , Vaccine-induced Toxicity : CK(1288) : AC(194)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Upper Respiratory Infections (AC 2) (CK 30)

Increased risk (4.4 fold) of noninfluenza respiratory virus infections associated with receipt of inactivated influenza vaccine.

Pubmed Data : Clin Infect Dis. 2012 Jun ;54(12):1778-83. Epub 2012 Mar 15. PMID: 22423139

Article Published Date : May 31, 2012

Authors : Benjamin J Cowling, Vicky J Fang, Hiroshi Nishiura, Kwok-Hung Chan, Sophia Ng, Dennis K M Ip, Susan S Chiu, Gabriel M Leung, J S Malik Peiris

Study Type : Human Study
Additional Links
Diseases : Upper Respiratory Infections : CK(950) : AC(114)
Additional Keywords : Vaccine Failure : CK(255) : AC(32)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)
Adverse Pharmacological Actions : Immunotoxic : CK(294) : AC(52)

Maternal influenza vaccination during pregnancy does not reduce the incidence of acute respiratory illness visits among infants.

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(410) : AC(44) , Pregnancy: Vaccination : CK(92) : AC(16) , Upper Respiratory Infections : CK(950) : AC(114)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Vaccine-induced Toxicity (AC 19) (CK

132)

"Chart-confirmed guillain-barre syndrome after 2009 H1N1 influenza vaccination among the Medicare population, 2009-2010."

Pubmed Data : Am J Epidemiol. 2013 Sep 15 ;178(6):962-73. Epub 2013 May 6. PMID: 23652165

Article Published Date : Sep 14, 2013

Authors : Laura L Polakowski, Sukhminder K Sandhu, David B Martin, Robert Ball, Thomas E Macurdy, Riley L Franks, Jonathan M Gibbs, Garner F Kropp, Armen Avagyan, Jeffrey A Kelman, Christopher M Worrall, Guoying Sun, Rebecca E Kliman, Dale R Burwen

Study Type : Human Study
Additional Links
Diseases : Guillain-Barre Syndrome : CK(110) : AC(18) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

Acute transverse myelitis after influenza vaccination has been reported.

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(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

An association between Pandemrix vaccination and narcolepsy has been observed in Finland and Sweden

Pubmed Data : Euro Surveill. 2014 ;19(17):15-25. Epub 2014 May 1. PMID: 24821121

Article Published Date : Dec 31, 2013

Authors : D O'Flanagan, A S Barret, M Foley, S Cotter, C Bonner, C Crowe, B Lynch, B Sweeney, H Johnson, B McCoy, E Purcell

Study Type : Human Study
Additional Links
Diseases : Narcolepsy : CK(21) : AC(3) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

Autoimmune hemolytic anemia following MF59-adjuvanted influenza vaccine has been reported.

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(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Case report: a shoulder injury related to vaccine administration.

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(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

Delayed focal lipoatrophy after AS03-adjuvanted influenza A (H1N1) 2009 vaccine has been reported.

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(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Development of fulminant Type 1 diabetes with thrombocytopenia after influenza vaccination has been observed.

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(6506) : AC(1101) , Diabetes Mellitus: Type 1 : CK(1064) : AC(282), Thrombocytopenia : CK(231) : AC(25) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclempsia and adverse outcomes such as preterm birth.

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(82) : AC(8) , Pre-Eclampsia : CK(299) : AC(33), Pregnancy: Vaccination : CK(92) : AC(16) , Pregnancy Complications : CK(192) : AC(23) , Preterm Birth: Prevention : CK(111) : AC(9), Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)
Adverse Pharmacological Actions : Interleukin-6 up-regulation : CK(14) : AC(3) , Tumor necrosis factorα (TNFα) up-regulation : CK(42) : AC(4)

Guillain-Barré syndrome following H1N1 immunization in a pediatric patient has been reported.

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(110) : AC(18) , Influenza : CK(787) : AC(121) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

In the US the highest number of cases of Guillain-Barre sundrome are associated with influenza and hepatitis B

vaccines.

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(110) : AC(18) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Hepatitis B : CK(407) : AC(54), Vaccination: Influenza : CK(434) : AC(49)

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

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(1588) : AC(167), Cardiovascular Diseases : CK(6909) : AC(874) , Diabetes Mellitus: Type 2 : CK(3285) : AC(576) , Influenza A : CK(387) : AC(101) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Pharmacological Actions : Interleukin-6 upregulation : CK(26) : AC(7)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Influenza vaccination did not reduce the risk of subsequent hospital admission among patients with vaccine failure. These findings do not support the hypothesis that vaccination mitigates influenza illness severity.

Pubmed Data : Vaccine. 2014 Jan 16 ;32(4):453-7. Epub 2013 Nov 26. PMID: **24291201**

Article Published Date : Jan 15, 2014

Authors : Huong Q McLean, Jennifer K Meece, Edward A Belongia

Study Type : Human: Case Report
Additional Links
Diseases : Influenza : CK(788) : AC(122) , Vaccine-induced Toxicity : CK(1288) : AC(194)

Additional Keywords : Vaccine Failure : CK(255) : AC(32)
Anti Therapeutic Actions : Vaccination: Influenza : CK(434) : AC(49)

Influenza vaccines may be causing vasculitis.

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(1288) : AC(194), Vasculitis : CK(48) : AC(11)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Influenza vaccines were not shown to be effective among children 6 to 59 months of age during 2 influenza seasons.

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(788) : AC(122) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

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

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(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) :

AC(50)
Adverse Pharmacological Actions : Tumor necrosis factorα (TNFα) up-regulation : CK(42) : AC(4)

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

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(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Hepatitis B : CK(407) : AC(54), Vaccination: Influenza : CK(435) : AC(50)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

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(6506) : AC(1101) , Guillain-Barre Syndrome : CK(110) : AC(18) , Human Papillomavirus (HPV) : CK(210) : AC(34) , Inflammatory Myopathy : CK(81) : AC(5) , Macrophagic myofasciitis : CK(26) : AC(3), Multiple Sclerosis : CK(941) : AC(180) , Rheumatoid Arthritis : CK(683) : AC(113), Systemic Lupus Erythematosus : CK(463) : AC(66) , Vaccine-induced Toxicity : CK(1288) : AC(194), Vasculitis : CK(48) : AC(11)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Diphtheria-Pertussis-Tetanus : CK(315) : AC(36), Vaccination: Haemophilus Influenzae : CK(25) : AC(4) , Vaccination: Hepatitis B : CK(407) : AC(54) , Vaccination: HPV (Gardisil) : CK(139) : AC(18) , Vaccination: Influenza : CK(434) : AC(49) , Vaccination: Lyme disease : CK(11) : AC(2) , Vaccination: Mumps-Measles-Rubella (MMR) : CK(276) : AC(37), Vaccination: Rabies : CK(4) : AC(3) , Vaccination: Rotavirus : CK(33) : AC(6), Vaccination: Tetanus : CK(61) : AC(8) , Vaccination: Varicella (Chicken pox) : CK(177) : AC(22)

We consider it likely that pandemrix vaccination contributed to the increased incidence of narcolepsy in Finland in 2010 in HLA DQB1*0602 positive children.

Pubmed Data : PLoS One. 2012 ;7(3):e33723. Epub 2012 Mar 28. PMID: **22470463**

Article Published Date : Dec 31, 2011

Authors : Markku Partinen, Outi Saarenpää-Heikkilä, Ismo Ilveskoski, Christer Hublin, Miika Linna, Päivi Olsén, Pekka Nokelainen, Reija Alén, Tiina Wallden, Merimaaria Espo, Harri Rusanen, Jan Olme, Heli Sätilä, Harri Arikka, Pekka Kaipainen, Ilkka Julkunen, Turkka Kirjavainen

Study Type : Human Study
Additional Links
Diseases : Narcolepsy : CK(21) : AC(3) , Vaccine-induced Toxicity : CK(1288) : AC(194)
Additional Keywords : Vaccine-induced Toxicity : CK(1288) : AC(194), Increased Risk : CK(1247) : AC(153)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)

Zinc supplementation has a beneficial effect on malaise, one of the influenza vaccine associated adverse events, and decrease serum TNF-α levels.

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-Karasimav, Dursun Alehan, Kadriye Yurdakök, Süheyla Ozkutlu, Turgay Coşkun

Study Type : Human Study
Additional Links
Substances : Zinc : CK(941) : AC(139)
Diseases : Vaccine-induced Toxicity : CK(1288) : AC(194)
Pharmacological Actions : Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1658) : AC(606)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Vasculitis (AC 4) (CK 15)

A case of innfluenza vaccine induced have necrotizing glomerulonephritis in decursu vasculitis has been reported.

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(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Influenza vaccines may be causing vasculitis.

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(1288) : AC(194), Vasculitis : CK(48) : AC(11)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Influenza vaccines may induce hepatitis-B virus-related vasculitis and severe neuropathy.

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(214) : AC(35) , Vasculitis : CK(48) : AC(11)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

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(6506) : AC(1101) , Guillain-Barre Syndrome : CK(110) : AC(18) , Human Papillomavirus (HPV) : CK(210) : AC(34) , Inflammatory Myopathy : CK(81) : AC(5) , Macrophagic myofasciitis : CK(26) : AC(3), Multiple Sclerosis : CK(941) : AC(180) , Rheumatoid Arthritis : CK(683) : AC(113), Systemic Lupus Erythematosus : CK(463) : AC(66) , Vaccine-induced Toxicity : CK(1288) : AC(194), Vasculitis : CK(48) : AC(11)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Diphtheria-Pertussis-Tetanus : CK(315) : AC(36), Vaccination: Haemophilus Influenzae : CK(25) : AC(4) , Vaccination: Hepatitis B : CK(407) : AC(54) , Vaccination: HPV (Gardisil) : CK(139) : AC(18) , Vaccination: Influenza : CK(434) : AC(49) , Vaccination: Lyme disease : CK(11) : AC(2) , Vaccination: Mumps-Measles-Rubella (MMR) : CK(276) : AC(37), Vaccination: Rabies : CK(4) : AC(3) , Vaccination:

Rotavirus : CK(33) : AC(6), Vaccination: Tetanus : CK(61) : AC(8) , Vaccination: Varicella (Chicken pox) : CK(177) : AC(22)

Category : Adverse Pharmacological Actions

Immunosuppressive (AC 1) (CK 10)

Annual influenza vaccination hampers the development of virus-specific CD8(+) T cell responses necessary to protect against influenza infection.

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(547) : AC(83) , Influenza : CK(788) : AC(122)

Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)

Adverse Pharmacological Actions : Immunosuppressive : CK(168) : AC(31)

Immunotoxic (AC 1) (CK 10)

Increased risk (4.4 fold) of noninfluenza respiratory virus infections associated with receipt of inactivated influenza vaccine.

Pubmed Data : Clin Infect Dis. 2012 Jun ;54(12):1778-83. Epub 2012 Mar 15. PMID: 22423139

Article Published Date : May 31, 2012

Authors : Benjamin J Cowling, Vicky J Fang, Hiroshi Nishiura, Kwok-Hung Chan, Sophia Ng, Dennis K M Ip, Susan S Chiu, Gabriel M Leung, J S Malik Peiris

Study Type : Human Study
Additional Links
Diseases : Upper Respiratory Infections : CK(950) : AC(114)
Additional Keywords : Vaccine Failure : CK(255) : AC(32)
Anti Therapeutic Actions : Vaccination: Influenza : CK(435) : AC(50)
Adverse Pharmacological Actions : Immunotoxic : CK(294) : AC(52)

Interleukin-6 up-regulation (AC 1) (CK 10)

Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclempsia and adverse outcomes such as preterm birth.

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(82) : AC(8) , Pre-Eclampsia : CK(299) : AC(33), Pregnancy: Vaccination : CK(92) : AC(16) , Pregnancy Complications : CK(192) : AC(23) , Preterm Birth: Prevention : CK(111) : AC(9), Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)
Adverse Pharmacological Actions : Interleukin-6 up-regulation : CK(14) : AC(3) , Tumor necrosis factorα (TNFα) up-regulation : CK(42) : AC(4)

Myotoxicity (AC 1) (CK 3)

Influenza vaccine has been reported to be a possible trigger of rhabdomyolysis induced acute renal failure in those taking statin drugs.

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(1626) : AC(325)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(434) : AC(49)
Problem Substances : Statin Drugs : CK(4163) : AC(498)
Adverse Pharmacological Actions : Myotoxicity : CK(327) : AC(80)

Neurotoxic (AC 2) (CK 3)

Thimerosal at concentrations relevant for infants exposure in vaccines is toxic to cultured human brain cells and to laboratory animals.

Pubmed Data : Neurochem Res. 2011 Jun ;36(6):927-38. Epub 2011 Feb 25. PMID: **21350943**

Article Published Date : May 31, 2011

Authors : José G Dórea

Study Type : Review
Additional Links
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)
Problem Substances : Thimerosal : CK(339) : AC(55)
Adverse Pharmacological Actions : Neurotoxic : CK(1237) : AC(223)

exposure to thimerosal during early postnatal life produces lasting alterations in the densities of brain opioid receptors along with other neuropathological changes, which may disturb brain development.

Pubmed Data : Neurochem Res. 2010 Nov ;35(11):1840-7. Epub 2010 Aug 28. PMID: 20803069

Article Published Date : Oct 31, 2010

Authors : Mieszko Olczak, Michalina Duszczyk, Pawel Mierzejewski, Teresa Bobrowicz, Maria Dorota Majewska

Study Type : Animal Study
Additional Links
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)
Problem Substances : Thimerosal : CK(339) : AC(55)
Adverse Pharmacological Actions : Neurotoxic : CK(1237) : AC(223)

Tumor necrosis factorα (TNFα) up-regulation (AC 2) (CK 20)

Flu vaccination causes measurable increases in inflammation in pregnant women which may increase the risk of preeclempsia and adverse outcomes such as preterm birth.

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(82) : AC(8) , Pre-Eclampsia : CK(299) : AC(33), Pregnancy: Vaccination : CK(92) : AC(16) , Pregnancy Complications : CK(192) : AC(23) , Preterm Birth: Prevention : CK(111) : AC(9), Vaccine-induced Toxicity : CK(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)
Adverse Pharmacological Actions : Interleukin-6 up-regulation : CK(14) : AC(3) , Tumor necrosis factorα (TNFα) up-regulation : CK(42) : AC(4)

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

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(1288) : AC(194)
Anti Therapeutic Actions : Vaccination: All : CK(4996) : AC(408) , Vaccination: Influenza : CK(435) : AC(50)
Adverse Pharmacological Actions : Tumor necrosis factorα (TNFα) up-regulation : CK(42) : AC(4)

This document is for information purposes only. By providing the information contained herein we are not diagnosing, treating, curing, mitigating, or preventing any type of disease or medical condition. Before beginning any type of natural, integrative or conventional treatment regimen, it is advisable to seek the advice of a licensed healthcare professional.

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