

## **VAERS Bibliography for November 2000**

Bibliography. Current world literature. Infectious diseases and immunization. Curr Opin Pediatr 2000 Jun;12(3):B115-31

**Keyword:** Child/ Communicable Diseases/ Human/ Immunization/ Pediatrics

Eradication of poliomyelitis: progress report. East Mediterr Health J 2000 Sep;5(5):1060-7

**Keyword:** Health Plan Implementation/ Organization & Admin/ Human/ Infant/ International Cooperation/ Mediterranean Region/ Epidemiology/ Poliomyelitis/ Epidemiology/ Prevention & Control/ Regional Medical Programs/ Vaccination/ World Health Organization

Flu shot shipments stalled, vaccination period extended [news] Geriatrics 2000 Sep;55(9):25-6

**Keyword:** Aged/ Health Care Rationing/ Human/ Influenza/ Prevention & Control/ Influenza Vaccine/ Administration & Dosage/ Middle Age/ United States

The flu & you: prevention still key. Johns Hopkins Med Lett Health After 50 2000 Oct;12(8):1-2

**Keyword:** Aged/ Human/ Influenza/ Drug Therapy/ Prevention & Control/ Influenza Vaccine/ Middle Age

From the Centers for Disease Control and Prevention. Progress toward poliomyelitis eradication--African Region, 1999-March 2000. JAMA 2000 Oct 11;284(14):1781-2

**Keyword:** Africa/ Epidemiology/ Human/ Immunization Programs/ Poliomyelitis/ Epidemiology/ Prevention & Control/ Poliovirus Vaccine, Oral/ Administration & Dosage/ World Health

Infectious disease. Rabies. Harv Health Lett 2000 Sep;25(11):6-7

**Keyword:** Animal/ Disease Vectors/ Human/ Rabies/ Therapy/ Transmission/ Virology/ Rabies Vaccine

JAMA patient page. Flu vaccine. JAMA 2000 Oct 4;284(13):1740

**Keyword:** Human/ Influenza/ Prevention & Control/ Influenza Vaccine/ Vaccination

Preventing congenital rubella syndrome. Wkly Epidemiol Rec 2000 Sep 8;75(36):290-5

**Keyword:** Female/ Follow-up Studies/ Human/ Immunization Programs/ Organization & Admin/ Infant, Newborn/ Male/ Prevalence/ Risk Factors/ Rubella Syndrome, Congenital/ Epidemiology/ Prevention & Control/ Rubella Vaccine/ Administration & Dosage/ World Health/ World Health Organization

Problems with influenza vaccine. Med Lett Drugs Ther 2000 Sep 4;42(1086):79-80

**Keyword:** Adolescence/ Adult/ Aged/ Child/ Child, Preschool/ Human/ Influenza/ Prevention & Control/ Influenza Vaccine/ Adverse Effects/ Supply & Distribution/ Middle Age/ United States/ Vaccination/ Utilization

Progress toward poliomyelitis eradication--Ethiopia, 1997-August 2000. MMWR Morb Mortal Wkly Rep 2000 Sep 29;49(38):867-70

**Keyword:** Adolescence/ Child/ Child, Preschool/ Ethiopia/ Epidemiology/ Human/ Immunization Programs/ Infant/ Infant, Newborn/ Poliomyelitis/ Epidemiology/ Prevention & Control/ Poliovirus Vaccine, Oral/ Administration & Dosage/ Vaccination/ Statistics & Numer Data

Progress towards poliomyelitis eradication, Pakistan, January 1999-June 2000. Wkly Epidemiol Rec 2000 Aug 25;75(34):274-7

**Keyword:** Communicable Disease Control/ Human/ Immunization Programs/ Incidence/ Infant/ Infant, Newborn/ Pakistan/ Epidemiology/ Poliomyelitis/ Epidemiology/ Prevention & Control/ Poliovirus Vaccine/ Administration & Dosage/ Population Surveillance

Safety of group C meningococcal vaccine. Commun Dis Rep CDR Wkly 2000 Sep 1;10(35):311, 314

**Keyword:** Adolescence/ Adult/ Bacterial Vaccines/ Administration & Dosage/ Adverse Effects/ Child/ Child, Preschool/ Comorbidity/ Consumer Product Safety/ Female/ Great Britain/ Epidemiology/ Human/

*Incidence/ Infant/ Male/ Meningitis, Meningococcal/ Epidemiology/ Prevention & Control/ Neisseria Meningitidis/ Immunology/ Risk Factors/ Sudden Infant Death/ Epidemiology/ Etiology/ Survival Rate/ Vaccination/ Adverse Effects*

Shingles vaccine trial underway. Harv Womens Health Watch 2000 Sep;8(1):5

*Keyword: Aged/ Herpes Zoster/ Prevention & Control/ Human/ Middle Age/ Viral Vaccines*

Typhoid vaccines. Wkly Epidemiol Rec 2000 Aug 11;75(32):257-64

*Keyword: Antibiotics/ Therapeutic Use/ Human/ Immunization Programs/ Salmonella Typhi/ Immunology/ Typhoid/ Drug Therapy/ Epidemiology/ Microbiology/ Prevention & Control/ Typhoid-Paratyphoid Vaccines/ Administration & Dosage/ World Health Organization*

Vaccination: refuting the refusals [editorial] CMAJ 2000 Oct 3;163(7):801, 803

*Keyword: Canada/ Epidemiology/ Great Britain/ Epidemiology/ Human/ Measles/ Epidemiology/ Prevention & Control/ Netherlands/ Epidemiology/ Treatment Refusal/ Vaccination*

What is the meningitis C vaccine? Nurs Times 1999 Nov 10-17;95(45):13

*Keyword: Adolescence/ Child/ Child, Preschool/ Community Health Nursing/ Methods/ Disease Outbreaks/ Prevention & Control/ Statistics & Numer Data/ England/ Epidemiology/ Human/ Meningitis, Meningococcal/ Epidemiology/ Prevention & Control/ Vaccination/ Methods*

World survey of rabies, 1997. Wkly Epidemiol Rec 1999 Nov 12;74(45):381-4

*Keyword: Animal/ Human/ Rabies/ Diagnosis/ Epidemiology/ Prevention & Control/ Veterinary/ Rabies Vaccine/ Administration & Dosage/ World Health/ Zoonoses/ Epidemiology*

Adams, W. G., Conners, W. P., Mann, A. M., and Palfrey, S. Immunization entry at the point of service improves quality, saves time, and is well-accepted. Pediatrics 2000 Sep;106(3):489-92

*Keyword: Boston/ Human/ Immunization Programs/ Organization & Admin/ Infant/ Information Systems/ Primary Health Care/ Quality of Health Care/ Software/ Support, Non-U.S. Gov't/ Vaccination*

Agarwal, S. K., Irshad, M., and Dash, S. C. Comparison of two schedules of hepatitis B vaccination in patients with mild, moderate and severe renal failure. J Assoc Physicians India 1999 Feb;47(2):183-5

*Keyword: Adult/ Aged/ Comparative Study/ Enzyme-Linked Immunosorbent Assay/ Female/ Follow-up Studies/ Hepatitis B/ Immunology/ Prevention & Control/ Hepatitis B Surface Antigens/ Analysis/ Hepatitis B Vaccines/ Administration & Dosage/ Human/ Immunization Schedule/ Kidney Failure, Chronic/ Complications/ Male/ Middle Age/ Risk Assessment/ Sensitivity and Specificity/ Severity of Illness Index/ Support, Non-U.S. Gov't/ Vaccination/ Methods*

Andre, M., Morgeaux, S., and Fuchs, F. Quantitative detection of RT activity by PERT assay: feasibility and limits to a standardized screening assay for human vaccines. Biologicals 2000 Jun;28(2):67-80

*Keyword: Animal/ Cell Line/ Virology/ Cercopithecus Aethiops/ Chick Embryo/ Chickens/ Drug Contamination/ Electrophoresis, Agar Gel/ Enzyme-Linked Immunosorbent Assay/ Evaluation Studies/ Feasibility Studies/ Human/ Mammals/ Polymerase Chain Reaction/ Quality Control/ Reproducibility of Results/ Reverse Transcriptase Inhibitors/ Pharmacology/ Reverse Transcriptase Polymerase Chain Reaction/ RNA-Directed DNA Polymerase/ Analysis/ Safety/ Sensitivity and Specificity/ Vaccines, Attenuated/ Chemistry/ Standards/ Vero Cells/ Virology/ Viral Proteins/ Antagonists & Inhib/ Analysis/ Viral Vaccines/ Chemistry/ Standards/ Virus Cultivation/ Zidovudine/ Pharmacology*

Antonen, J. A., Hannula, P. M., Pyhala, R., Saha, H. H., Ala-Houhala, I. O., and Pasternack, A. I.

Adequate seroresponse to influenza vaccination in dialysis patients. Nephron 2000 Sep;86(1):56-61

*Keyword: Adult/ Aged/ Antibodies, Viral/ Analysis/ Biosynthesis/ Female/ Hemodialysis/ Adverse Effects/ Human/ Infection/ Complications/ Influenza Vaccine/ Immunology/ Kidney Failure, Chronic/ Complications/ Immunology/ Male/ Middle Age/ Vaccination/ Vitamin D/ Therapeutic Use*

Araujo, O. O., Forleo-Neto, E., Vespa, G. N., Puccini, R. F., Weckx, L. W., Carvalho, E. S., and Farhat, C. K. Associated or combined vaccination of Brazilian infants with a conjugate Haemophilus influenzae type b (Hib) vaccine, a diphtheria-tetanus-whole-cell pertussis vaccine and IPV or OPV elicits protective levels of antibodies against Hib. *Vaccine* 2000 Sep 15;19(2-3):367-75

*Keyword:* Antibodies, Bacterial//Blood/ Diphtheria-Tetanus-Pertussis Vaccine/ Adverse Effects/ Immunology/ Female/ Haemophilus Influenzae/ Immunology/ Haemophilus Vaccines/ Adverse Effects/ Immunology/ Human/ Infant/ Male/ Poliovirus Vaccine/ Adverse Effects/ Immunology/ Support, Non-U.S. Gov't/ Tetanus Toxoid/ Adverse Effects/ Immunology/ Vaccination/ Vaccines, Combined/ Immunology/ Vaccines, Conjugate/ Immunology

Asplund, L. Flu preparedness. *Germ warfare [news]* *Hosp Health Netw* 2000 Sep;74(9):22-4

*Keyword:* Centers for Disease Control and Prevention (U.s.)/Disease Outbreaks/ Emergency Service, Hospital/Utilization/Human/ Influenza/ Epidemiology/ Immunology/ Influenza Vaccine/ Supply & Distribution/United States/ Epidemiology

Auvinen, A., Hakulinen, T., and Groves, F. Haemophilus influenzae type B vaccination and risk of childhood leukaemia in a vaccine trial in Finland. *Br J Cancer* 2000 Oct;83(7):956-8

*Keyword:* Adolescence/ Child/ Child, Preschool/ Comparative Study/ Controlled Clinical Trials/ Diphtheria Toxoid/ Administration & Dosage/ Female/ Finland/ Epidemiology/ Haemophilus Vaccines/ Administration & Dosage/ Human/ Immunization Schedule/ Incidence/ Infant/ Leukemia/ Epidemiology/ Prevention & Control/ Male/ Vaccines, Conjugate/ Administration & Dosage

Aycock, R. Cost effectiveness of hepatitis A vaccination in patients with chronic hepatitis C. *Hepatology* 2000 Oct; 32(4 pt 1):873; discussion 874-5.

*Keyword:* Cost-Benefit Analysis/Hepatitis C, Chronic/Immunology/Human/Vaccination/Economics/Viral Hepatitis Vaccines/Immunology

Bertrand, T. E. Adult vaccinations: 2000-2001 flu season update. *Med Health R I* 2000 Sep;83(9):291

*Keyword:* Adult/ Aged/ Disease Outbreaks/ Prevention & Control/ Female/ Human/ Influenza/ Epidemiology/ Influenza Vaccine/ Administration & Dosage/ Male/ Rhode Island/ Epidemiology/ Vaccination/ Statistics & Numer Data

Boyce, T. G., Hsu, H. H., Sannella, E. C., Coleman-Dockery, S. D., Baylis, E., Zhu, Y., Barchfeld, G., DiFrancesco, A., Paranandi, M., Culley, B., Neuzil, K. M., and Wright, P. F. Safety and immunogenicity of adjuvanted and unadjuvanted subunit influenza vaccines administered intranasally to healthy adults. *Vaccine* 2000 Sep 15;19(2-3):217-26

*Keyword:* Adjuvants, Immunologic/Administration & Dosage/ Administration, Intranasal/Adolescence/ Adult/ Hemagglutination Inhibition Tests/ Human/ IgA, Secretory/ Biosynthesis/ Influenza Vaccine/ Administration & Dosage/ Adverse Effects/ Immunology/ Polysorbates/ Administration & Dosage/ Squalene/ Administration & Dosage/ Support, U.s. Gov't, P.h.s.

Boyce, T. G. and Poland, G. A. Promises and challenges of live-attenuated intranasal influenza vaccines across the age spectrum: a review. *Biomed Pharmacother* 2000 May;54(4):210-8

*Keyword:* Administration, Intranasal/ Human/ Influenza Vaccine/ Administration & Dosage/ Adverse Effects/ Immunology/ Vaccines, Attenuated/ Immunology

Breiman, R. F., Keller, D. W., Phelan, M. A., Sniadack, D. H., Stephens, D. S., Rimland, D., Farley, M. M., Schuchat, A., and Reingold, A. L. Evaluation of effectiveness of the 23-valent pneumococcal capsular polysaccharide vaccine for HIV-infected patients. *Arch Intern Med* 2000 Sep 25;160(17):2633-8

*Keyword:* Adult/ Analysis of Variance/ Aids-Related Opportunistic Infections/ Prevention & Control/ Bacterial Vaccines/ Therapeutic Use/ Case-Control Studies/ Confidence Intervals/ Cd4 Lymphocyte Count/ Female/ Georgia/ Human/ Logistic Models/ Male/ Middle Age/ Pneumococcal Infections/ Prevention & Control/ Pneumonia, Pneumococcal/ Prevention & Control/ Polysaccharides/ Therapeutic Use/ Retrospective Studies/ Risk Factors/ San Francisco/ Streptococcus Pneumoniae/ Immunology/

### *Isolation & Purif/ Treatment Outcome*

Bridges, C. B., Thompson, W. W., Meltzer, M. I., Reeve, G. R., Talamonti, W. J., Cox, N. J., Lilac, H. A., Hall, H., Klimov, A., and Fukuda, K. Effectiveness and cost-benefit of influenza vaccination of healthy working adults: A randomized controlled trial [see comments] JAMA 2000 Oct 4;284(13):1655-63

**Keyword:** *Absenteeism/ Adult/ Cost of Illness/ Cost-Benefit Analysis/ Double-Blind Method/ Female/ Human/ Influenza/ Diagnosis/ Economics/ Epidemiology/ Prevention &/ Influenza Vaccine/ Economics/ Male/ Middle Age/ Office Visits/ Statistics & Numer Data/ Poisson Distribution/ Serologic Tests/ Support, U.s. Gov't, P.h.s./ Vaccination/ Economics*

Cohen, J. Forensic epidemiology. Vaccine theory of AIDS origins disputed at Royal Society [news] Science 2000 Sep 15;289(5486):1850-1

**Keyword:** *Acquired Immunodeficiency Syndrome/ Epidemiology/ Etiology/ Africa/ Epidemiology/ Animal/ Disease Outbreaks/ Drug Contamination/ Dna, Viral/ Analysis/ Haplorthini/ Genetics/ Human/ Hiv/ Genetics/ Isolation & Purif/ Pan Troglodytes/ Genetics/ Poliovirus Vaccine/ Adverse Effects*

Decker, M. D. and Edwards, K. M. Combination vaccines: problems and promise [comment] [editorial] J Pediatr 2000 Sep;137(3):291-5

**Keyword:** *Drug Approval/ Human/ Immunization Schedule/ Infant/ United States/ United States Food and Drug Administration/ Vaccines, Combined*

Dickson, D. Tests fail to support claims for origin of AIDS in polio vaccine [news] Nature 2000 Sep 14;407(6801):117

**Keyword:** *Acquired Immunodeficiency Syndrome/ Etiology/ Africa/ Animal/ Drug Contamination/ Human/ Hiv/ Isolation & Purif/ Pan Troglodytes/ Virology/ Poliovirus Vaccine/ Adverse Effects/ Poliovirus Vaccine, Oral/ Adverse Effects/ Siv/ Isolation & Purif*

Douglas, R. G. Will a new vaccine be used? J Hum Virol 2000 Mar-Apr;3(2):77-80

**Keyword:** *Attitude to Health/ Geography/ Human/ Immunization/ Legislation & Jurisprud/ Psychology/ Trends/ Patient Education/ Vaccines/ Economics/ Therapeutic Use*

Edwards, E. A., Grant, C. C., Huang, Q. S., Powell, K. F., and Croxson, M. C. A case of vaccine-associated paralytic poliomyelitis. J Paediatr Child Health 2000 Aug;36(4):408-11

**Keyword:** *Case Report/ Electromyography/ Methods/ Human/ Infant/ Leg/ Physiopathology/ Male/ Muscle Hypotonia/ Complications/ Diagnosis/ Physiopathology/ Paralysis/ Chemically Induced/ Complications/ Physiopathology/ Poliomyelitis/ Chemically Induced/ Complications/ Poliovirus Vaccine, Oral/ Adverse Effects*

FitzGerald, D. and Mrsny, R. J. New approaches to antigen delivery. Crit Rev Ther Drug Carrier Syst 2000;17(3):165-248

**Keyword:** *Animal/ Antigens/ Administration & Dosage/ Human/ Immunity, Mucosal/ Immunology/ Immunization/ Methods*

Gay, N. J. Eliminating measles--no quick fix [editorial; comment] Bull World Health Organ 2000;78(8):949

**Keyword:** *Developing Countries/ Female/ Human/ Immunization Programs/ Organization & Admin/ Incidence/ Male/ Measles/ Epidemiology/ Prevention & Control/ Measles Vaccine/ Administration & Dosage/ Program Evaluation/ Risk Assessment/ Survival Analysis/ World Health Organization*

Gelbart, M. Influenza: the mutating assassin waiting to strike. Nurs Times 1999 Nov 10-17;95(45):52-3

**Keyword:** *Communicable Disease Control/ History/ Disease Outbreaks/ History/ History of Medicine, 16th Cent./ History of Medicine, 20th Cent./ Human/ Influenza/ Epidemiology/ History/ Prevention & Control/ Influenza Vaccine/ History/ World Health*

Ghosh, A. K. Evidence-based nephrology: efficacy of hepatitis B vaccine in hemodialysis patients. *Int J Artif Organs* 2000 Apr;23(4):282-3

*Keyword:* Evidence-Based Medicine/Hemodialysis/Hepatitis B Vaccines/Administration & Dosage/Human/Injections, Intradermal/Injections, Intramuscular/Vaccines, Synthetic/Administration & Dosage

Greenberg, D. S. Short of vaccine, the Pentagon slows anthrax inoculations [news] *Lancet* 2000 Aug 5;356(9228):491

*Keyword:* Anthrax/Prevention & Control/ Human/ Immunization Programs/ Military Medicine/ United States/ Vaccination

Guillemin, J. Anthrax: the investigation of a deadly outbreak [letter] *N Engl J Med* 2000 Oct 19;343(16):1198

*Keyword:* Anthrax/Epidemiology/ History/ Biological Warfare/ History/ Disease Outbreaks/ History/ History of Medicine, 20th Cent./Human/ Military Science/ History/ Ussr/Epidemiology

Guillot, S., Caro, V., Cuervo, N., Korotkova, E., Combieșcu, M., Persu, A., Aubert-Combieșcu, A., Delpeyroux, F., and Crainic, R. Natural genetic exchanges between vaccine and wild poliovirus strains in humans. *J Virol* 2000 Sep;74(18):8434-43

*Keyword:* Adolescence/Adult/Animal/ Base Sequence/ Cell Line/ Cercopithecus Aethiops/ Child/ Child, Preschool/ Human/ Mice/ Mice, Transgenic/ Molecular Sequence Data/ Paralysis/ Etiology/ Virology/ Poliomyelitis/ Complications/ Virology/ Poliovirus Vaccine, Oral/ Adverse Effects/ Genetics/ Polioviruses/ Genetics/ Isolation & Purif/ Pathogenicity/ Polymorphism, Restriction Fragment Length/ Reassortant Viruses/ Genetics/ Receptors, Cell Surface/ Genetics/ Recombination, Genetic/ Rna, Viral/ Analysis/ Sequence Alignment/ Sequence Analysis, Rna/ Support, Non-U.s. Gov't/ Vero Cells/ Virulence

Gurunathan, S., Wu, C. Y., Freidag, B. L., and Seder, R. A. DNA vaccines: a key for inducing long-term cellular immunity. *Curr Opin Immunol* 2000 Aug;12(4):442-7

*Keyword:* Animal/ Antigen Presentation/ Immunology/ Genetic Vectors/ Human/ Immunity, Cellular/ Leishmania Major/ Immunology/ Leishmaniasis, Cutaneous/ Immunology/ Prevention & Control/ Malaria/ Immunology/ Prevention & Control/ Plasmids/ Th1 Cells/ Immunology/ Time Factors/ Tuberculosis/ Immunology/ Prevention & Control/ Vaccines, Dna/ Immunology

Hanna, J., Richards, A., Young, D., Hills, S., and Humphreys, J. Measles in health care facilities: some salutary lessons. *Commun Dis Intell* 2000 Jul;24(7):211-2

*Keyword:* Adolescence/Australia/ Epidemiology/ Child/ Child, Preschool/ Cross Infection/ Epidemiology/ Prevention & Control/ Transmission/ Disease Outbreaks/ Female/Human/ Male/ Measles/Epidemiology/ Prevention & Control/ Transmission/ Measles Vaccine/ Administration & Dosage/ Travel

Harbarth, S., Szucs, T., Berger, K., and Jilg, W. The economic burden of hepatitis B in Germany. *Eur J Epidemiol* 2000 Feb;16(2):173-7

*Keyword:* Adult/ Cohort Studies/ Cost of Illness/ Cost-Benefit Analysis/ Direct Service Costs/ Statistics & Numer Data/ Female/ Germany/ Health Care Costs/ Statistics & Numer Data/ Hepatitis B/ Economics/ Prevention & Control/ Hepatitis B Vaccines/ Economics/ Human/ Male/ Support, Non-U.s. Gov't

Hartigan-Go, K., Roces, M. C., Habacon, C. A., Mansoor, O., and Shin, S. Developing an immunization safety surveillance system in the Philippines. *Bull World Health Organ* 2000;78(9):1166

*Keyword:* Adverse Drug Reaction Reporting Systems/ Child/ Female/ Fever/ Epidemiology/ Etiology/ Human/ Immunization Programs/ Organization & Admin/ Measles/ Prevention & Control/ Measles Vaccine/ Adverse Effects/ Philippines/Epidemiology

Hedlund, J., Orqvist, A., Konradsen, H. B., and Kalin, M. Recurrence of pneumonia in relation to the antibody response after pneumococcal vaccination in middle-aged and elderly adults. *Scand J Infect Dis*

2000;32(3):281-6

**Keyword:** Aged/ Aged, 80 and Over/ Antibodies, Bacterial/ Immunology/ Antigens, Bacterial/ Immunology/ Bacterial Vaccines/ Administration & Dosage/ Immunology/ Community-Acquired Infections/ Female/ Follow-up Studies/ Human/ Male/ Middle Age/ Pneumonia, Pneumococcal/ Epidemiology/ Immunology/ Prevention & Control/ Recurrence/ Streptococcus Pneumoniae/ Immunology/ Support, Non-U.s. Gov't/ Vaccination

Heininger, U. Coincidence is not causality-a principle which needs regular rediscovery. *Arch Dis Child* 2000 Oct;83(4):355

**Keyword:** Adolescence/ Attitude to Health/ Causality/ Child/ Hepatitis B Vaccines/ Adverse Effects/ Human/ Measles Vaccine/ Adverse Effects/ Mumps Vaccine/ Adverse Effects/ Rubella Vaccine/ Adverse Effects/ Vaccination/ Adverse Effects/ Vaccines, Combined/ Adverse Effects

Herrera, G. A., Smith, P., Daniels, D., Klevens, R. M., Coronado, V., McCauley, M., Stokley, S., Maes, E. F., Ezzati-Rice, T. M., Wright, R. A., and Cordero, J. F. National, state, and urban area vaccination coverage levels among children aged 19-35 months--United States, 1998. *Mor Mortal Wkly Rep CDC Surveill Summ* 2000 Sep 22;49(9):1-26

**Keyword:** Child, Preschool/Human/ Infant/Population Surveillance/ United States/Epidemiology/ Urban Population/ Statistics & Numer Data/Vaccination/ Utilization

Hilleman, M. R. Vaccines in historic evolution and perspective: a narrative of vaccine discoveries. *J Hum Virol* 2000 Mar-Apr;3(2):63-76

**Keyword:** Animal/ Bacterial Vaccines/ History/ History of Medicine, 18th Cent./ History of Medicine, 19th Cent./ History of Medicine, 20th Cent./ Human/ Vaccines/ History/ Viral Hepatitis Vaccines/ History/ Viral Vaccines/ History/ Virology/ History/ Trends

Hinman, A. R. How should physicians and nurses deal with people who do not want immunizations? *Can J Public Health* 2000 Jul-Aug;91(4):248-51

**Keyword:** Canada/ Fear/ Health Education/ Organization & Admin/ Human/ Immunization/ Contraindications/ Psychology/ Utilization/ Informed Consent/ Knowledge, Attitudes, Practice/ Mass Media/ Nurse-Patient Relations/ Patient Acceptance of Health Care/ Psychology/ Physician-Patient Relations/ Religion/ United States

Horne, A. D., Lachenbruch, P. A., and Goldenthal, K. L. Intent-to-treat analysis and preventive vaccine efficacy. *Vaccine* 2000 Sep 15;19(2-3):319-26

**Keyword:** Human/ Probability/ Randomized Controlled Trials/ Vaccines/ Immunology

Hurwitz, E. S., Haber, M., Chang, A., Shope, T., Teo, S., Ginsberg, M., Waecker, N., and Cox, N. J. Effectiveness of influenza vaccination of day care children in reducing influenza-related morbidity among household contacts. *JAMA* 2000 Oct 4;284(13):1677-82

**Keyword:** Adolescence/ Adult/ Child/ Child Day Care Centers/ Child, Preschool/ Disease Transmission, Horizontal/ Prevention & Control/ Family Characteristics/ Human/ Influenza/ Epidemiology/ Prevention & Control/ Transmission/ Influenza Vaccine/ Logistic Models/ Morbidity/ Single-Blind Method/ Support, Non-U.s. Gov't/ Vaccination

Irons, B., Lewis, M. J., Dahl-Regis, M., Castillo-Solorzano, C., Carrasco, P. A., and de Quadros, C. A. Strategies to eradicate rubella in the English-speaking Caribbean. *Am J Public Health* 2000 Oct;90(10):1545-9

**Keyword:** Adolescence/ Adult/ Caribbean Region/ Epidemiology/ Child/ Child, Preschool/ Cost-Benefit Analysis/ Female/ Human/ Immunization Programs/ Organization & Admin/ Male/ Population Surveillance/ Prevalence/ Rubella/ Epidemiology/ Prevention & Control/ Rubella Vaccine/ Administration & Dosage/ Vaccination

Jacobs, R. J. and Koff, R. S. Cost-effectiveness of hepatitis A vaccination in patients with chronic hepatitis

C [letter]. Hepatology 2000 Oct;32(4 Pt 1):873-4; discussion 874-5

**Keyword:** Cost-Benefit Analysis/Hepatitis C, Chronic/Immunology/Human/Vaccination/Economics/Viral Hepatitis Vaccines/Immunology

Jiles, R. B., Fuchs, C., and Klevens, R. M. Vaccination coverage among children enrolled in Head Start programs or day care facilities or entering school. Mor Mortal Wkly Rep CDC Surveill Summ 2000 Sep 22;49(9):27-38

**Keyword:** Child/ Child Day Care Centers/ Statistics & Numer Data/ Child, Preschool/ Early Intervention (Education)/ Statistics & Numer Data/Human/ Infant/ Population Surveillance/ Schools/ Statistics & Numer Data/ United States/ Epidemiology/ Vaccination/ Utilization

Jodar, L., Cartwright, K., and Feavers, I. M. Standardisation and validation of serological assays for the evaluation of immune responses to *Neisseria meningitidis* serogroup A and C vaccines. Biologicals 2000 Sep;28(3):193-7

**Keyword:** Antibodies, Bacterial/Blood/ Antibody Formation/ Bacterial Vaccines/ Standards/ Enzyme-Linked Immunosorbent Assay/Human/ Meningitis, Meningococcal/ Epidemiology/ Immunology/ Prevention & Control/ Meningococcal Infections/ Epidemiology/ Immunology/ Prevention & Control/ *Neisseria Meningitidis*/ Classification/ Immunology/ Quality Control/ Reproducibility of Results/ Serotyping

Juma, A., Evans, M. F., and Bloom, J. Influenza immunizations in the elderly: a continuous quality improvement project. Methods Inf Med 2000 Aug;39(3):217-22

**Keyword:** Aged/ Aged, 80 and Over/ Comparative Study/ Female/ Health Services for the Aged/ Utilization/Human/ Immunization/ Utilization/ Influenza/ Prevention & Control/ Male/ Ontario/ Retrospective Studies/ Total Quality Management

Kahn, J. S. Respiratory syncytial virus vaccine development. Curr Opin Pediatr 2000 Jun;12(3):257-62

**Keyword:** Adult/ Antibodies, Viral/ Blood/ Child/ Child, Preschool/ Female/ Human/ Immunization Schedule/ Infant/ Infant, Newborn/ Pregnancy/ Respiratory Syncytial Virus Infections/ Immunology/ Prevention & Control/ Respiratory Syncytial Viruses/ Immunology/ Viral Vaccines/ Administration & Dosage/ Immunology

Kallinowski, B., Knoll, A., Lindner, E., Sanger, R., Stremmel, W., Vollmar, J., Zieger, B., and Jilg, W. Can monovalent hepatitis A and B vaccines be replaced by a combined hepatitis A/B vaccine during the primary immunization course? Vaccine 2000 Aug 15;19(1):16-22

**Keyword:** Adolescence/Adult/ Hepatitis Antibodies/ Blood/ Hepatitis B Antibodies/ Blood/ Hepatitis B Vaccines/ Administration & Dosage/ Adverse Effects/ Human/ Immunity/ Drug Effects/ Middle Age/ Vaccines, Combined/ Administration & Dosage/ Adverse Effects/ Viral Hepatitis Vaccines/ Administration & Dosage/ Adverse Effects

Kendal, A. P., Neville, L. J., and Manning, C. C. Optimal immunization practices for the special supplemental nutrition program for women, infants, and children [letter]. Am J Public Health 2000 Oct;90(10):1640-1

**Keyword:** Dietary Services/Organization & Admin/Female/Health Services Accessibility/Human/Immunization/Utilization/Immunization Programs/Organization & Admin/Infant/Interinstitutional Relations/Male/Michigan/Poverty/Program Evaluation/Public Assistance/Organization & Admin/Support, Non-U.s. Gov't/Support, U.s. Gov't, P.h.s.

Lakhiani, C. N., Vivier, P. M., Alario, A. J., Simon, P., Diana, B. J., and Peter, G. Analysis of the transition from oral polio vaccine to inactivated polio vaccine for primary immunization in a hospital-based primary care practice. Pediatr Infect Dis J 2000 Jun;19(6):575-6

**Keyword:** Human/ Immunization/ Infant/ Poliovirus Vaccine/ Immunology/ Poliovirus Vaccine, Oral/ Immunology/ Primary Health Care/ Vaccines, Inactivated/ Immunology

Langridge, W. H. Edible vaccines. Sci Am 2000 Sep;283(3):66-71

**Keyword:** Autoimmune Diseases/ Therapy/ Child/ Food/ Human/ Nutrition Disorders/ Therapy/ Plants, Transgenic/ Research Support/ Vaccination/ Methods/ Vaccines/ Administration & Dosage

Lawson, F., Baker, V., Au, D., and McElhaney, J. E. Standing orders for influenza vaccination increased vaccination rates in inpatient settings compared with community rates. *J Gerontol A Biol Sci Med Sci* 2000 Sep;55(9):M522-6

**Keyword:** Aged/ Alberta/ Epidemiology/ Chi-Square Distribution/ Cohort Studies/ Community Health Services/ Statistics & Numer Data/ Comparative Study/ Follow-up Studies/ Hospitalization/ Statistics & Numer Data/ Human/ Immunization Programs/ Incidence/ Influenza/ Classification/ Influenza Vaccine/ Administration & Dosage/ Interviews/ Patient Readmission/ Statistics & Numer Data/ Prospective Studies/ Risk Factors/ Survival Rate/ Vaccination/ Statistics & Numer Data

Lieu, T. A., Black, S. B., Ray, G. T., Martin, K. E., Shinefield, H. R., and Weniger, B. G. The hidden costs of infant vaccination. *Vaccine* 2000 Aug 15;19(1):33-41

**Keyword:** Cross-Sectional Studies/ Demography/ Female/ Fever/ Etiology/ Health Care Costs/ Human/ Immunization Programs/ Economics/ Infant/ Injections/ Male/ Questionnaires/ Vaccination/ Adverse Effects/ Economics/ Psychology/ Vaccines, Combined/ Administration & Dosage/ Adverse Effects/ Economics

Lifson, A. R., Roddy, M., and Ehresmann, K. R. The association of poverty and low immunization rates in ZIP code areas. A retrospective survey of Minnesota kindergartners. *Minn Med* 2000 Aug;83(8):51-5

**Keyword:** Child/ Child, Preschool/ Female/ Human/ Immunization Programs/ Infant/ Male/ Minnesota/ Poverty Areas/ Retrospective Studies/ Vaccination/ Statistics & Numer Data

Lina, B., Fletcher, M. A., Valette, M., Saliou, P., and Aymard, M. A TritonX-100-split virion influenza vaccine is safe and fulfills the committee for proprietary medicinal products (CPMP) recommendations for the European Community for Immunogenicity, in Children, Adults and the Elderly. *Biologicals* 2000 Jun;28(2):95-103

**Keyword:** Adolescence/ Adult/ Aged/ Aged, 80 and Over/ Animal/ Antibodies, Viral/ Biosynthesis/ Antigens, Viral/ Immunology/ Chick Embryo/ Child/ Comparative Study/ Detergents/ Pharmacology/ Hemagglutinin Glycoproteins, Influenza Virus/ Immunology/ Human/ Influenza a Virus, Human/ Drug Effects/ Immunology/ Influenza B Virus/ Drug Effects/ Immunology/ Influenza Vaccine/ Adverse Effects/ Immunology/ Standards/ Middle Age/ Octoxynol/ Pharmacology/ Safety/ Vaccination/ Adverse Effects/ Virion/ Drug Effects

Lonergan, G. and Rivest, P. What is a safe vaccine? [letter]. *Vaccine* 2000 Aug 15;19(1):1

**Keyword:** Consumer Product Safety/Controlled Clinical Trials/Human/Intussusception/Etiology/Risk Assessment/Rotavirus/Immunology/Viral Vaccines/Adverse Effects

Maple, P. A., Jones, C. S., Wall, E. C., Vyseb, A., Edmunds, W. J., Andrews, N. J., and Miller, E. Immunity to diphtheria and tetanus in England and Wales. *Vaccine* 2000 Sep 15;19(2-3):167-73

**Keyword:** Adolescence/ Adult/ Bacterial Proteins/ Immunology/ Child/ Child, Preschool/ Diphtheria Antitoxin/ Blood/ Female/ Human/ Immunization/ Infant/ Male/ Middle Age/ Tetanus Antitoxin/ Blood

Mathe, G. Influenza and its vaccination in HIV1-AIDS patients [editorial] *Biomed Pharmacother* 2000 May;54(4):175-7

**Keyword:** Acquired Immunodeficiency Syndrome/ Immunology/ Human/ Hiv-1/ Immunology/ Influenza Vaccine/ Immunology/ T-Lymphocytes, Cytotoxic/ Immunology/ Vaccination

Maxim, R. Controversies in adult immunization. *Med Health R I* 2000 Aug;83(8):255-6

**Keyword:** Adult/ Age Factors/ Aged/ Attitude of Health Personnel/ Attitude to Health/ Communicable Disease Control/ Standards/ Trends/ Female/ Hospitalization/ Trends/ Human/ Immunization/ Adverse Effects/ Immunization Programs/ Organization & Admin/ Standards/ Trends/ Male/ Middle Age/ Patient Compliance/ Program Development/ Quality of Health Care/ Standards/ Rhode Island

Mayans, M. V., Robertson, S. E., and Duclos, P. Adverse events monitoring as a routine component of vaccine clinical trials: evidence from the WHO Vaccine Trial Registry. Bull World Health Organ 2000;78(9):1167

*Keyword:* Adverse Drug Reaction Reporting Systems/ Clinical Trials/ Drug Monitoring/ Methods/ Guidelines/ Human/ Registries/ Vaccines/ Adverse Effects

McCarthy, M. Conflict of interest taints vaccine approval process, charges US report [news] Lancet 2000 Sep 2;356(9232):838

*Keyword:* Autistic Disorder/ Chemically Induced/ Conflict of Interest/ Drug Approval/ Legislation & Jurisprud/ Drug Industry/Human/ Male/ Rotavirus/ Immunology/ United States/ Viral Vaccines/ Adverse Effects

McIntyre, P. B., Burgess, M. A., and Lester, R. Immunisation in the age of the human genome [editorial] Aust N Z J Public Health 2000 Aug;24(4):351-2

*Keyword:* Australia/ Communicable Disease Control/ Trends/ Health Policy/ Human/ Human Genome Project/ Immunization Programs/ Vaccines/ Genetics

Meyer, P. A., Seward, J. F., Jumaan, A. O., and Wharton, M. Varicella mortality: trends before vaccine licensure in the United States, 1970-1994. J Infect Dis 2000 Aug;182(2):383-90

*Keyword:* Adult/ Age Factors/ Chickenpox/ Complications/ Mortality/ Prevention & Control/ Chickenpox Vaccine/ Therapeutic Use/ Child/ Child, Preschool/ Female/ Human/ Infant/ Licensure/ Male/ Mortality/ Trends/ Racial Stocks/ Retrospective Studies/ Risk Factors/ Seasons/ United States

Millar, E. V., O'Brien, K. L., Levine, O. S., Kvamme, S., Reid, R., and Santoshamb, M. Toward elimination of Haemophilus influenzae type B carriage and disease among high-risk American Indian children. Am J Public Health 2000 Oct;90(10):1550-4

*Keyword:* Carrier State/ Ethnology/ Prevention & Control/ Child/ Child, Preschool/ Female/ Haemophilus Infections/ Ethnology/ Prevention & Control/ Haemophilus Vaccines/ Administration & Dosage/ Human/ Incidence/ Indians, North American/ Infant/ Infant, Newborn/ Male/ Oropharynx/ Microbiology/ Population Surveillance/ Support, Non-U.S. Gov't/ United States/ Epidemiology

Minutello, M., Zotti, C., Orecchia, S., Di Martino, E., Bastianoni, I., Ypma, E., Ruggenini Moiraghi, A., and Podda, A. Dose range evaluation of a new inactivated hepatitis A vaccine administered as a single dose followed by a booster. Vaccine 2000 Aug 15;19(1):10-5

*Keyword:* Adolescence/ Adult/ Demography/ Double-Blind Method/ Female/ Hepatitis Antibodies/ Blood/ Human/ Immunity/ Drug Effects/ Immunization, Secondary/ Male/ Vaccines, Inactivated/ Administration & Dosage/ Adverse Effects/ Viral Hepatitis Vaccines/ Administration & Dosage/ Adverse Effects

Mitchell, E. A. SIDS: facts and controversies [editorial] Med J Aust 2000 Aug 21;173(4):175-6

*Keyword:* Australia/ Epidemiology/ Bedding and Linens/ Adverse Effects/ Breast Feeding/ Human/ Infant/ Infant, Newborn/ Posture/ Risk Factors/ Smoking/ Adverse Effects/ Sudden Infant Death/ Epidemiology/ Etiology/ Prevention & Control/ Tobacco Smoke Pollution/ Adverse Effects/ Vaccines/ Adverse Effects

Mohammed, I., Nasidi, A., Alkali, A. S., Garba, M. A., Ajayi-Obe, E. K., Audu, K. A., Usman, A., and Abdullahi, S. A severe epidemic of meningococcal meningitis in Nigeria, 1996. Trans R Soc Trop Med Hyg 2000 May-Jun;94(3):265-70

*Keyword:* Adolescence/ Adult/ Age Distribution/ Antibiotics/ Therapeutic Use/ Bacterial Vaccines/ Therapeutic Use/ Child/ Child, Preschool/ Disease Outbreaks/ Statistics & Numer Data/ Female/ Human/ Infant/ Infant, Newborn/ Male/ Meningitis, Meningococcal/ Drug Therapy/ Epidemiology/ Prevention & Control/ Nigeria/ Epidemiology

Monto, A. S. Preventing influenza in healthy adults: the evolving story [comment] [editorial] JAMA 2000 Oct 4;284(13):1699-701

*Keyword:* Adult/ Cost-Benefit Analysis/ Human/ Influenza/ Prevention & Control/ Influenza Vaccine/

*Economics/ Support, Non-U.s. Gov't/ United States/ Vaccination/ Economics*

Moulton, L. H., Chung, S., Croll, J., Reid, R., Weatherholtz, R. C., and Santosham, M. Estimation of the indirect effect of Haemophilus influenzae type b conjugate vaccine in an American Indian population. *Int J Epidemiol* 2000 Aug;29(4):753-6

*Keyword:* Arizona/ Epidemiology/ Cohort Studies/ Haemophilus Infections/ Ethnology/ Prevention & Control/ Haemophilus Vaccines/ Therapeutic Use/ Human/ Immunization Programs/ Incidence/ Indians, North American/ Infant/ New Mexico/ Epidemiology/ Outcome Assessment (Health Care)/ Proportional Hazards Models/ Risk/ Support, Non-U.s. Gov't/ Support, U.s. Gov't, P.h.s./ Utah/ Epidemiology

Murphy, E. Hepatitis B, vaccination and healthcare workers. *Occup Med (Lond)* 2000 Aug;50(6):383-6

*Keyword:* Adolescence/ Adult/ Disease Transmission, Patient-to-Professional/ Prevention & Control/ Evidence-Based Medicine/ Great Britain/ Epidemiology/ Health Personnel/ Hepatitis B/ Epidemiology/ Prevention & Control/ Transmission/ Hepatitis B Vaccines/ Administration & Dosage/ Human/ Occupational Exposure/ Adverse Effects/ Patient Acceptance of Health Care/ Vaccination

Nasir, K., Khan, K. A., Kadri, W. M., Salim, S., Tufail, K., Sheikh, H. Z., and Ali, S. A. Hepatitis B vaccination among health care workers and students of a medical college. *JPMA J Pak Med Assoc* 2000 Jul;50(7):239-43

*Keyword:* Adult/ Allied Health Personnel/ Female/ Hepatitis B/ Prevention & Control/ Human/ Male/ Middle Age/ Pakistan/ Students, Medical/ Vaccination/ Statistics & Numer Data

Offit, P. Maintaining the public's trust in immunizations. *Del Med J* 2000 Aug;72(8):361-5

*Keyword:* Consumer Product Safety/ Delaware/ Health Education/ Human/ Immunization/ Methods/ Standards/ Parents/ Public Health/ Public Opinion/ Vaccines/ Adverse Effects

Olowokure, B., Hawker, J., Blair, I., and Spencer, N. Decrease in effectiveness of routine surveillance of Haemophilus influenzae disease after introduction of conjugate vaccine: comparison of routine reporting with active surveillance system. *BMJ* 2000 Sep 23;321(7263):731-2

*Keyword:* Child, Preschool/ Disease Notification/ Standards/ England/ Epidemiology/ Haemophilus Influenzae Type B/ Isolation & Purif/ Haemophilus Infections/ Epidemiology/ Prevention & Control/ Haemophilus Vaccines/ Administration & Dosage/ Human/ Incidence/ Sentinel Surveillance/ Support, Non-U.s. Gov't

Orenstein, W. A., Strebel, P. M., Papania, M., Sutter, R. W., Bellini, W. J., and Cochi, S. L. Measles eradication: is it in our future? *Am J Public Health* 2000 Oct;90(10):1521-5

*Keyword:* Adult/ Child/ Human/ Hiv Infections/ Immunology/ Measles/ Diagnosis/ Immunology/ Prevention & Measles Vaccine/ Administration & Dosage/ Immunology/ Politics/ Risk Factors/ Vaccination/ World Health

Peters, T. R. and Edwards, K. M. The pneumococcal protein conjugate vaccines. *J Pediatr* 2000 Sep;137(3):416-20

*Keyword:* Antibody Formation/ Bacterial Vaccines/ Immunology/ Child/ Child, Preschool/ Haemophilus Influenzae Type B/ Haemophilus Infections/ Epidemiology/ Prevention & Control/ Haemophilus Vaccines/ Immunology/ Human/ Incidence/ Infant/ Otitis Media/ Prevention & Control/ Pneumococcal Infections/ Epidemiology/ Prevention & Control/ Pneumonia, Pneumococcal/ Epidemiology/ Prevention & Control/ Support, Non-U.s. Gov't/ Support, U.s. Gov't, P.h.s./ United States/ Epidemiology/ Vaccines, Conjugate/ Immunology

Pittman, P. R., Mangiafico, J. A., Rossi, C. A., Cannon, T. L., Gibbs, P. H., Parker, G. W., and Friedlander, A. M. Anthrax vaccine: increasing intervals between the first two doses enhances antibody response in humans. *Vaccine* 2000 Sep 15;19(2-3):213-6

*Keyword:* Antibodies, Bacterial/ Blood/ Antigens, Bacterial/ Immunology/ Bacillus Anthracis/ Immunology/ Bacterial Vaccines/ Administration & Dosage/ Immunology/ Human/ IgG/ Blood/ Retrospective Studies/

*Time Factors/ Vaccines, Synthetic/ Immunology*

Ramon, S. and Junquera, C. Ramon y Cajal, microbiologist. Int Microbiol 2000 Mar;3(1):59-61

**Keyword:** Animal/ Cholera/ History/ Microbiology/ Prevention & Control/ Cholera Vaccine/ History/ Disease Outbreaks/ History/ Guinea Pigs/ History of Medicine, 19th Cent./ History of Medicine, 20th Cent./ Human/ Microbiology/ History/ Neuroanatomy/ History/ Portraits/ Rabbits/ Spain/ Epidemiology/ Vibrio Cholerae/ Isolation & Purif

Robb-Nicholson, C. By the way, doctor. I recently read that this year's flu vaccine is recommended for anyone over the age of 50. Why has the age changed from 65 to 50? Harv Womens Health Watch 2000 Sep;8(1):8

**Keyword:** Age Factors/ Aged/ Human/ Influenza Vaccine/ Middle Age

Roome, A., Rak, M., and Hadler, J. Follow-up of infants of hepatitis B-infected women after hepatitis B vaccination, Connecticut, 1994 to 1997. Pediatr Infect Dis J 2000 Jun;19(6):573-5

**Keyword:** Adolescence/ Adult/ Child/ Disease Transmission, Vertical/ Prevention & Control/ Female/ Follow-up Studies/ Hepatitis B/ Prevention & Control/ Transmission/ Hepatitis B Antibodies/ Analysis/ Hepatitis B Surface Antigens/ Analysis/ Hepatitis B Vaccines/ Immunology/ Human/ Infant/ Infant, Newborn/ Middle Age/ Pregnancy/ Support, U.s. Gov't, P.h.s/ Time Factors/ Vaccination

Rudenko, L. G., Arden, N. H., Grigorieva, E., Naychin, A., Rekstis, A., Klimov, A. I., Donina, S., Desheva, J., Holman, R. C., DeGuzman, A., Cox, N. J., and Katz, J. M. Immunogenicity and efficacy of Russian live attenuated and US inactivated influenza vaccines used alone and in combination in nursing home residents. Vaccine 2000 Sep 15;19(2-3):308-18

**Keyword:** Adult/ Aged/ Aged, 80 and Over/ Antibodies, Viral/ Blood/ Double-Blind Method/ Hemagglutination Inhibition Tests/ Human/ IgA, Secretory/ Analysis/ Influenza Vaccine/ Immunology/ Middle Age/ Nursing Homes/ Vaccination/ Vaccines, Attenuated/ Immunology/ Vaccines, Combined/ Immunology

Rudolph, K. M., Parkinson, A. J., Reasonover, A. L., Bulkow, L. R., Parks, D. J., and Butler, J. C. Serotype distribution and antimicrobial resistance patterns of invasive isolates of *Streptococcus pneumoniae*: Alaska, 1991-1998. J Infect Dis 2000 Aug;182(2):490-6

**Keyword:** Alaska/ Bacterial Vaccines/ Immunology/ Therapeutic Use/ Child/ Child, Preschool/ Erythromycin/ Pharmacology/ Human/ Indians, North American/ Infant/ Penicillin Resistance/ Pneumococcal Infections/ Blood/ Cerebrospinal Fluid/ Polysaccharides, Bacterial/ Immunology/ Therapeutic Use/ Population Surveillance/ Serotyping/ Streptococcus Pneumoniae/ Classification/ Drug Effects/ Immunology/ Pathogenicity/ Time Factors/ Trimethoprim Resistance/ Trimethoprim-Sulfamethoxazole Combination/ Pharmacology

Saab, S., Martin, P., and Yee, H. F. Jr A simple cost-decision analysis model comparing two strategies for hepatitis A vaccination. Am J Med 2000 Aug 15;109(3):241-4

**Keyword:** Adult/ Aged/ Comparative Study/ Cost-Benefit Analysis/ Decision Support Techniques/ Hepatitis A/ Economics/ Epidemiology/ Prevention & Control/ Hepatitis A Virus, Human/ Immunology/ Hepatitis Antibodies/ Blood/ Middle Age/ Models, Econometric/ Seroepidemiologic Studies/ Support, U.s. Gov't, P.h.s./ United States/ Epidemiology/ Vaccines, Inactivated/ Administration & Dosage/ Economics/ Viral Hepatitis Vaccines/ Administration & Dosage/ Economics

Sagar, S. and Pirofski, L. A. Pneumococcal vaccine with unknown vaccination status. Semin Dial 2000 May-Jun;13(3):207-8

**Keyword:** Bacterial Vaccines/ Administration & Dosage/ Hemodialysis/ Human/ Pneumococcal Infections/ Prevention & Control/ Streptococcus Pneumoniae/ Immunology/ Vaccination

Salleras, L., Dominguez, A., Vidal, J., Plans, P., Salleras, M., and Taberner, J. L. Seroepidemiology of varicella-zoster virus infection in Catalonia (Spain). Rationale for universal vaccination programmes.

Vaccine 2000 Sep 15;19(2-3):183-8

**Keyword:** Adolescence/ Adult/ Age Factors/ Aged/ Antibodies, Viral/ Blood/ Chickenpox Vaccine/ Immunology/ Child/ Female/ Herpesvirus 3, Human/ Immunology/ Male/ Middle Age/ Seroepidemiologic Studies/ Spain/ Epidemiology/ Vaccination

Salmaso, S., Gabutti, G., Rota, M. C., Giordano, C., Penna, C., Mandolini, D., and Crovari, P. Pattern of susceptibility to measles in Italy. Serological Study Group [see comments] Bull World Health Organ 2000;78(8):950-5

**Keyword:** Adolescence/ Adult/ Age Distribution/ Antibodies, Viral/ Analysis/ Child/ Child, Preschool/ Cluster Analysis/ Confidence Intervals/ Female/ Human/ Incidence/ Infant/ Italy/ Epidemiology/ Male/ Measles/ Diagnosis/ Epidemiology/ Prevention & Control/ Measles Vaccine/ Administration & Dosage/ Measles Virus/ Immunology/ Middle Age/ Population Surveillance/ Sampling Studies/ Seroepidemiologic Studies/ Sex Distribution

Santosham, M. Can Haemophilus influenzae type b disease be eliminated from the United States? [comment] [editorial] J Pediatr 2000 Sep;137(3):295-8

**Keyword:** Child, Preschool/ Haemophilus Influenzae Type B/ Haemophilus Infections/ Prevention & Control/ Haemophilus Vaccines/ Human/ Infant/ United States/ Epidemiology/ Vaccines, Conjugate

Schijns, V. E. Immunological concepts of vaccine adjuvant activity. Curr Opin Immunol 2000 Aug;12(4):456-63

**Keyword:** Adjuvants, Immunologic/ Animal/ Human/ Vaccines/ Immunology

Schmitt, H. J., Knuf, M., Ortiz, E., Sanger, R., Uwamwezi, M. C., and Kaufhold, A. Primary vaccination of infants with diphtheria-tetanus-acellular pertussis-hepatitis B virus-inactivated polio virus and Haemophilus influenzae type b vaccines given as either separate or mixed injections [see comments] J Pediatr 2000 Sep;137(3):304-12

**Keyword:** Antibody Formation/ Diphtheria/ Immunology/ Diphtheria-Tetanus-Pertussis Vaccine/ Administration & Dosage/ Immunology/ Feasibility Studies/ Haemophilus Vaccines/ Administration & Dosage/ Immunology/ Hepatitis B Surface Antigens/ Immunology/ Hepatitis B Vaccines/ Administration & Dosage/ Immunology/ Human/ Immunization Schedule/ Infant/ Injections, Intramuscular/ Polioviruses/ Immunology/ Support, Non-U.S. Gov't Tetanus Toxoid/ Immunology/ Vaccines, Conjugate/ Administration & Dosage/ Immunology/ Vaccines, Synthetic/ Administration & Dosage/ Immunology/ Whooping Cough/ Immunology

Shefer, A., Webb, E., and Wilmoth, T. Determination of up-to-date vaccination status for preschool-aged children: how accurate is manual assessment conducted by paraprofessional staff? Pediatrics 2000 Sep;106(3):493-6

**Keyword:** Allied Health Personnel/ Child, Preschool/ Health Status/ Human/ Needs Assessment/ Quality Assurance, Health Care/ Sensitivity and Specificity/ Vaccination/ Utilization

Shlim, D. R. and Innis, B. L. Hepatitis E vaccine for travelers? [editorial; comment] J Travel Med 2000 Jul-Aug;7(4):167-9

**Keyword:** Hepatitis E/ Epidemiology/ Prevention & Control/ Human/ India/ Epidemiology/ Travel/ Viral Hepatitis Vaccines

Singleton, J. A., Greby, S. M., Wooten, K. G., Walker, F. J., and Strikas, R. Influenza, pneumococcal, and tetanus toxoid vaccination of adults--United States, 1993-7. Mor Mortal Wkly Rep CDC Surveill Summ 2000 Sep 22;49(9):39-62

**Keyword:** Adult/ Aged/ Bacterial Vaccines/ Administration & Dosage/ Human/ Influenza Vaccine/ Administration & Dosage/ Middle Age/ Population Surveillance/ Streptococcus Pneumoniae/ Immunology/ Tetanus Toxoid/ Administration & Dosage/ United States/ Epidemiology/ Vaccination/ Utilization

Singleton, R., Bulkow, L. R., Levine, O. S., Butler, J. C., Hennessy, T. W., and Parkinson, A. Experience

with the prevention of invasive *Haemophilus influenzae* type b disease by vaccination in Alaska: the impact of persistent oropharyngeal carriage [see comments] *J Pediatr* 2000 Sep;137(3):313-20

*Keyword:* Adolescence/ Alaska/ Epidemiology/ Carrier State/ Child/ Child, Preschool/ Cross-Sectional Studies/ Eskimos/ Statistics & Numer Data/ *Haemophilus Influenzae Type B/ Haemophilus Infections/ Epidemiology/ Ethnology/ Prevention & Control/ Haemophilus Vaccines/ Human/ Infant/ Oropharynx/ Virology/ Population Surveillance/ Risk Factors/ Rural Health/ Vaccination/ Vaccines, Conjugate*

Siscovick, D. S., Raghunathan, T. E., Lin, D., Weinmann, S., Arbogast, P., Lemaitre, R. N., Psaty, B. M., Alexander, R., and Cobb, L. A. Influenza vaccination and the risk of primary cardiac arrest. *Am J Epidemiol* 2000 Oct 1;152(7):674-7

*Keyword:* Case-Control Studies/ Female/ Heart Arrest/ Etiology/ Prevention & Control/ Human/ Hypertension/ Complications/ Influenza/ Complications/ Influenza Vaccine/ Logistic Models/ Male/ Middle Age/ Risk Factors/ Smoking/ Adverse Effects/ Support, Non-U.S. Gov't/ Support, U.S. Gov't, P.h.s./ Washington

Skogen, V., Jenum, P. A., Danilov, E., Korolev, V. N., Halvorsen, D. S., and Sjursen, H. Immunity to diphtheria among children in Northern Norway and North-Western Russia. *Vaccine* 2000 Sep 15;19(2-3):197-203

*Keyword:* Antibodies, Bacterial/ Blood/ Child/ Child, Preschool/ Diphtheria/ Epidemiology/ Immunology/ Diphtheria-Tetanus-Pertussis Vaccine/ Immunology/ Female/ Human/ Immunization, Secondary/ Infant/ Male/ Russia/ Epidemiology/ Seropidemiologic Studies/ Sex Factors/ Support, Non-U.S. Gov't/ Vaccination

Squires, S. G. and Pelletier, L. Publicly-funded influenza and pneumococcal immunization programs in Canada: a progress report. *Can Commun Dis Rep* 2000 Sep 1;26(17):141-8

*Keyword:* Aged/ Bacterial Vaccines/ Administration & Dosage/ Economics/ Canada/ Female/ Financing, Government/ Statistics & Numer Data/ Human/ Immunization Programs/ Organization & Admin/ Influenza/ Prevention & Control/ Influenza Vaccine/ Administration & Dosage/ Economics/ Male/ Middle Age/ Pneumococcal Infections/ Prevention & Control/ Program Evaluation/ Questionnaires

Stange, K. C., Flocke, S. A., Goodwin, M. A., Kelly, R. B., and Zyzanski, S. J. Direct observation of rates of preventive service delivery in community family practice. *Prev Med* 2000 Aug;31(2 Pt 1):167-76

*Keyword:* Adult/ Counseling/ Statistics & Numer Data/ Cross-Sectional Studies/ Delivery of Health Care/ Statistics & Numer Data/ Family Practice/ Statistics & Numer Data/ Female/ Health Services Research/ Human/ Immunization/ Statistics & Numer Data/ Male/ Mass Screening/ Statistics & Numer Data/ Middle Age/ Ohio/ Physician's Practice Patterns/ Statistics & Numer Data/ Preventive Health Services/ Statistics & Numer Data/ Primary Health Care/ Statistics & Numer Data/ Support, Non-U.S. Gov't/ Support, U.S. Gov't, P.h.s.

Stille, C. J. and Christison-Lagay, J. Determining immunization rates for inner-city infants: statewide registry data vs medical record review. *Am J Public Health* 2000 Oct;90(10):1613-5

*Keyword:* Chi-Square Distribution/ Cohort Studies/ Comparative Study/ Connecticut/ Evaluation Studies/ Female/ Human/ Immunization/ Statistics & Numer Data/ Infant/ Male/ Medical Records/ Prospective Studies/ Registries/ Support, Non-U.S. Gov't/ Urban Population

Stojanov, S., Liese, J. G., Bendjenana, H., Harzer, E., Barrand, M., Jow, S., Dupuy, M., and Belohradsky, B. H. Immunogenicity and safety of a trivalent tetanus, low dose diphtheria, inactivated poliomyelitis booster compared with a standard tetanus, low dose diphtheria booster at six to nine years of age. *Munich Vaccine Study Group. Pediatr Infect Dis J* 2000 Jun;19(6):516-21

*Keyword:* Child/ Comparative Study/ Diphtheria Toxoid/ Adverse Effects/ Immunology/ Female/ Human/ Immunization, Secondary/ Male/ Poliovirus Vaccine/ Adverse Effects/ Immunology/ Support, Non-U.S. Gov't/ Tetanus Toxoid/ Adverse Effects/ Immunology/ Vaccines, Combined/ Adverse Effects/ Immunology/ Vaccines, Inactivated/ Adverse Effects/ Immunology

Sunbul, M., Leblebicio glu, H., Esen, S., Eroglu, C., and Barut, S. Response to hepatitis B vaccine in HBsAg/anti-HBs negative and anti-HBc positive subjects. *Scand J Infect Dis* 2000;32(3):315-6

**Keyword:** Adolescence/ Adult/ Female/ Hepatitis B/ Prevention & Control/ Hepatitis B Antibodies/ Blood/ Hepatitis B Core Antigens/ Blood/ Hepatitis B Surface Antigens/ Blood/ Hepatitis B Vaccines/ Immunology/ Human/ Male/ Vaccination

Szilagy, P. G., Bordley, C., Vann, J. C., Chelminski, A., Kraus, R. M., Margolis, P. A., and Rodewald, L. E. Effect of patient reminder/recall interventions on immunization rates: A review. *JAMA* 2000 Oct 11;284(14):1820-7

**Keyword:** Adult/ Child/ Cost-Benefit Analysis/ Human/ Primary Health Care/ Standards/ Reminder Systems/ Economics/ Support, Non-U.s. Gov't/ Support, U.s. Gov't, P.h.s./ Vaccination/ Utilization

Thoelen, S. An overview on a novel adjuvanted prophylactic hepatitis B vaccine. *Acta Gastroenterol Belg* 2000 Apr-Jun;63(2):185-6

**Keyword:** Adjuvants, Immunologic/ Administration & Dosage/ Pharmacology/ Adolescence/ Adult/ Clinical Trials/ Drug Approval/ Female/ Hepatitis B/ Immunology/ Prevention & Control/ Hepatitis B Vaccines/ Administration & Dosage/ Pharmacology/ Human/ Male/ Middle Age/ Sensitivity and Specificity/ United States

Toussirot, E., Lohse, A., Wendling, D., and Mougin, C. Sjogren's syndrome occurring after hepatitis B vaccination. *Arthritis Rheum* 2000 Sep;43(9):2139-40

**Keyword:** Adult/ Female/ Hepatitis B Vaccines/ Adverse Effects/ Human/ Rheumatic Diseases/ Chemically Induced/ Immunology/ Sjogren's Syndrome/ Diagnosis/ Immunology/ Virology/ Vaccination/ Adverse Effects

Tsai, C. H., Chiu, H. H., and Abe, T. Epidemiologic features of rotavirus infection in Taiwan: a review. *Pediatr Int* 2000 Aug;42(4):411-4

**Keyword:** Adolescence/ Age of Onset/ Child/ Child Welfare/ Child, Preschool/ Disease Outbreaks/ Female/ Human/ Incidence/ Infant/ Infant, Newborn/ Male/ Rotavirus Infections/ Epidemiology/ Seasons/ Serotyping/ Taiwan/ Epidemiology/ Viral Vaccines/ Administration & Dosage

Ushijima, H. Rotavirus infection in Asia. *Pediatr Int* 2000 Aug;42(4):392-4

**Keyword:** Asia/ Epidemiology/ Calicivirusidae Infections/ Epidemiology/ Pathology/ Diagnosis, Differential/ Gastroenteritis/ Etiology/ Virology/ Human/ Incidence/ Rotavirus Infections/ Complications/ Epidemiology/ Pathology/ Seasons/ Viral Vaccines

Vaidya, S., Attar, N., Nadkar, M. Y., Nair, P., Vishwanath, V., and Borges, N. E. Acute inflammatory demyelinating polyradiculoneuropathy following anti rabies vaccine. *J Assoc Physicians India* 1996 Feb;44(2):141-2

**Keyword:** Case Report/ Follow-up Studies/ Guillain-Barre Syndrome/ Diagnosis/ Drug Therapy/ Etiology/ Human/ Male/ Middle Age/ Rabies/ Prevention & Control/ Rabies Vaccine/ Administration & Dosage/ Adverse Effects/ Recovery of Function/ Steroids/ Administration & Dosage

Villeneuve, E., Vinclette, J., and Villeneuve, J. P. Ineffectiveness of hepatitis B vaccination in cirrhotic patients waiting for liver transplantation. *Can J Gastroenterol* 2000 Jul-Aug;14 Suppl B:59B-62B

**Keyword:** Female/ Hepatitis B/ Etiology/ Prevention & Control/ Hepatitis B Vaccines/ Human/ Liver Cirrhosis/ Surgery/ Liver Transplantation/ Adverse Effects/ Methods/ Male/ Middle Age/ Retrospective Studies/ Risk Factors/ Support, Non-U.s. Gov't/ Treatment Failure

Weijer, C. The future of research into rotavirus vaccine [editorial] *BMJ* 2000 Sep 2;321 (7260):525-6

**Keyword:** Child, Preschool/ Developing Countries/ Human/ Hiv Infections/ Prevention & Control/ Intussusception/ Etiology/ Randomized Controlled Trials/ Research/ Trends/ Rotavirus/ Immunology/ Rotavirus Infections/ Immunology/ Prevention & Control/ Support, Non-U.s. Gov't/ Viral Vaccines/ Adverse Effects/ Therapeutic Use

Weir, E. Anthrax: of bison and bioterrorism. CMAJ 2000 Sep 5;163(5):608

*Keyword: Animal/ Anthrax/ Drug Therapy/ Epidemiology/ Prevention & Control/ Canada/ Epidemiology/ Human/ Incidence/ Military Personnel/ Vaccination*

Yousuf, M. and Nadeem, A. Meningococcal infection among pilgrims visiting Madinah Al-Munawarah despite prior A-C vaccination. JPMA J Pak Med As soc 2000 Jun;50(6):184-6

*Keyword: Adult/ Bacterial Vaccines/ Drug Resistance, Microbial/ Female/ Human/ Islam/ Male/ Meningococcal Infections/ Epidemiology/ Middle Age/ Prevalence/ Prospective Studies/ Saudi Arabia/ Epidemiology/ Travel*

Zhao, S., Xu, Z., and Lu, Y. A mathematical model of hepatitis B virus transmission and its application for vaccination strategy in china. Int J Epidemiol 2000 Aug;29(4):744-52

*Keyword: Adolescence/ Adult/ Aged/ Carrier State/ Epidemiology/ Virology/ Child/ Child, Preschool/ China/ Epidemiology/ Hepatitis B/ Epidemiology/ Transmission/ Virology/ Hepatitis B Vaccines/ Therapeutic Use/ Hepatitis B, Chronic/ Epidemiology/ Prevention & Control/ Virology/ Human/ Immunization Programs/ Methods/ Incidence/ Infant/ Infant, Newborn/ Middle Age/ Models, Biological/ Outcome Assessment (Health Care)/ Methods*

Zuckerman, J. N. and Steffen, R. Risks of hepatitis B in travelers as compared to immunization status. J Travel Med 2000 Jul-Aug;7(4):170-4

*Keyword: Adolescence/ Adult/ Aged/ Cross-Sectional Studies/ Europe/ Epidemiology/ Female/ Hepatitis B/ Epidemiology/ Immunology/ Prevention & Control/ Human/ Immunization/ Statistics & Numer Data/ Male/ Middle Age/ Questionnaires/ Risk Factors/ Support, Non-U.s. Gov't/ Travel*