

1. Record Nr.	UNINA9910970042803321
Titolo	Adverse events associated with childhood vaccines : evidence bearing on causality // Kathleen R. Stratton, Cynthia J. Howe, and Richard B. Johnston, Jr., editors
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1994
ISBN	9786610196654 9781280196652 1280196653 9780309576321 0309576326 9780585158693 058515869X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (480 pages)
Altri autori (Persone)	StrattonKathleen R HoweCynthia J JohnstonRichard B. <1935->
Disciplina	615/.372/083
Soggetti	Vaccination of children - Complications Vaccines - Health aspects Vaccines - Toxicology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Vaccine Safety Committee, Division of Health Promotion and Disease Prevention, Institute of Medicine." "The project was supported by funds coordinated through the National Institute of Allergy and Infectious Diseases of the National Institutes of Health (contract no. NO-AI-15130)"--T.p. verso.
Nota di bibliografia	Includes bibliographical references (p. 348-450) and index.
Nota di contenuto	Adverse Events Associated with CHILDHOOD VACCINES -- Copyright -- Preface -- Acknowledgments -- Contents -- 1 Executive Summary -- BACKGROUND AND HISTORY -- THE CHARGE TO THE COMMITTEE -- THE STUDY PROCESS -- CAUSALITY AND WEIGHT OF EVIDENCE -- NEED FOR RESEARCH AND SURVEILLANCE -- REFERENCES -- 2 Causality and Evidence -- CAUSALITY -- Definitions -- Types of Causal Questions -- Can It? -- Did It? -- Will It? -- SOURCES OF EVIDENCE FOR CAUSALITY -- Biologic Plausibility -- Case Reports, Case Series, and Uncontrolled

Observational Studies -- Controlled Observational Studies --
Controlled Clinical Trials -- Combining the Evidence -- SUMMARIZING
THE EVIDENCE FOR CAUSALITY -- REFERENCES -- 3 Neurologic
Disorders -- DEMYELINATING DISEASE -- Experimental Models --
Acute Disseminated Encephalomyelitis -- Multiple Sclerosis -- Focal
Lesions -- Guillain-Barré Syndrome -- Historical Background --
Clinical and Laboratory Features -- Diagnostic Criteria -- Antecedent
Events -- Pathology and Pathogenesis -- Descriptive Epidemiology --
Summary of Demyelinating Diseases -- NON-DEMYELINATING DISEASE
-- Encephalopathy -- Subacute Sclerosing Panencephalitis -- Clinical
and Laboratory Features -- Pathology and Pathogenesis -- Descriptive
Epidemiology -- Residual Seizure Disorder -- Sensorineural Deafness
-- Neuropathy -- Mononeuropathy -- Brachial Neuritis -- REFERENCES
-- 4 Immunologic Reactions -- ANAPHYLAXIS -- INTERACTION OF
ANTIBODY WITH NORMAL TISSUE ANTIGENS -- ARTHUS REACTION --
DELAYED-TYPE HYPERSENSITIVITY -- EFFECT OF VACCINES ON THE
IMMUNE SYSTEM -- REFERENCES -- 5 Diphtheria and Tetanus Toxoids
-- BACKGROUND AND HISTORY -- Tetanus -- Diphtheria -- BIOLOGIC
EVENTS FOLLOWING IMMUNIZATION -- Tetanus -- Diphtheria --
ENCEPHALOPATHY -- Clinical Description -- History of Suspected
Association -- Evidence for Association -- Biologic Plausibility.
Case Reports, Case Series, and Uncontrolled Observational Studies --
Controlled Observational Studies -- Controlled Clinical Trials --
Causality Argument -- Conclusion -- RESIDUAL SEIZURE DISORDER --
Clinical Description -- History of Suspected Association -- Evidence for
Association -- Biologic Plausibility -- Case Reports, Case Series, and
Uncontrolled Observational Studies -- Controlled Observational Studies
-- Controlled Clinical Trials -- Causality Argument -- Conclusion --
DEMYELINATING DISEASES OF THE CENTRAL NERVOUS SYSTEM --
Clinical Description -- History of Suspected Association -- Evidence for
Association -- Biologic Plausibility -- Case Reports, Case Series, and
Uncontrolled Observational Studies -- Controlled Observational Studies
-- Controlled Clinical Trials -- Causality Argument -- Conclusion --
GUILLAIN-BARRÉ SYNDROME -- Clinical Description -- History of
Suspected Association -- Evidence for Association -- Biologic
Plausibility -- Case Reports, Case Series, and Uncontrolled
Observational Studies -- Controlled Observational Studies --
Controlled Clinical Trials -- Causality Argument -- Conclusion -- Risk-
Modifying Factors -- NEUROPATHY -- Clinical Description -- History of
Suspected Association -- Evidence for Association -- Biologic
Plausibility -- Case Reports, Case Series, and Uncontrolled
Observational Studies -- Controlled Observational Studies --
Controlled Clinical Trials -- Causality Argument -- Conclusion -- Risk-
Modifying Factors -- ARTHRITIS -- Clinical Description -- History of
Suspected Association -- Evidence for Association -- Biologic
Plausibility -- Case Reports, Case Series, and Uncontrolled
Observational Studies -- Controlled Observational Studies --
Controlled Clinical Trials -- Causality Argument -- Conclusion --
ERYTHEMA MULTIFORME -- Clinical Description -- History of Suspected
Association.
Evidence for Association -- Biologic Plausibility -- Case Reports, Case
Series, and Uncontrolled Observational Studies -- Controlled
Observational Studies -- Controlled Clinical Trials -- Causality
Argument -- Conclusion -- ANAPHYLAXIS -- Clinical Description --
History of Suspected Association -- Evidence for Association --
Biologic Plausibility -- Case Reports, Case Series, and Uncontrolled
Observational Studies -- Controlled Observational Studies --
Controlled Clinical Trials -- Causality Argument -- Conclusion -- Risk-

Modifying Factors -- DEATH -- Causality Argument -- Conclusion --
REFERENCES -- 6 Measles and Mumps Vaccines -- BACKGROUND AND
HISTORY -- Measles -- Mumps -- BIOLOGIC EVENTS FOLLOWING
IMMUNIZATION -- Measles -- Mumps -- ENCEPHALOPATHY AND
ENCEPHALITIS -- Clinical Description -- History of Suspected
Association -- Evidence for Association -- Biologic Plausibility -- Case
Reports, Case Series, and Uncontrolled Observational Studies --
Controlled Observational Studies -- Controlled Clinical Trials --
Causality Argument -- Conclusion -- ASEPTIC MENINGITIS -- Clinical
Description -- History of Suspected Association -- Evidence for
Association -- Biologic Plausibility -- Case Reports, Case Series, and
Uncontrolled Observational Studies -- Controlled Observational Studies
-- Controlled Clinical Trials -- Causality Argument -- Conclusion --
SUBACUTE SCLEROSING PANENCEPHALITIS -- Clinical Description --
History of Suspected Association -- Evidence for Association --
Biologic Plausibility -- Case Reports, Case Series, and Uncontrolled
Observational Studies -- Controlled Observational Studies --
Controlled Clinical Trials -- Causality Argument -- Conclusion --
RESIDUAL SEIZURE DISORDER -- Clinical Description -- Evidence for
Association -- Biologic Plausibility -- Case Reports, Case Series, and
Uncontrolled Observational Studies.
Controlled Observational Studies -- Controlled Clinical Trials --
Causality Argument -- Conclusion -- SENSORINEURAL DEAFNESS --
Clinical Description -- History of Suspected Association -- Evidence for
Association -- Biologic Plausibility -- Case Reports, Case Series, and
Uncontrolled Observational Studies -- Controlled Observational Studies
-- Controlled Clinical Trials -- Causality Argument -- Conclusion --
OPTIC NEURITIS -- Clinical Description -- History of Suspected
Association -- Evidence for Association -- Biologic Plausibility -- Case
Reports, Case Series, and Uncontrolled Observational Studies --
Controlled Observational Studies -- Controlled Clinical Trials --
Causality Argument -- Conclusion -- TRANSVERSE MYELITIS -- Clinical
Description -- History of Suspected Association -- Evidence for
Association -- Biologic Plausibility -- Case Reports, Case Studies, and
Uncontrolled Observational Studies -- Controlled Observational Studies
-- Controlled Clinical Trials -- Causality Argument -- Conclusion --
GUILLAIN-BARRÉ SYNDROME -- Clinical Description -- History of
Suspected Association -- Evidence for Association -- Biologic
Plausibility -- Case Reports, Case Series, and Uncontrolled
Observational Studies -- Controlled Observational Studies --
Controlled Clinical Trials -- Causality Argument -- Conclusion --
INSULIN-DEPENDENT DIABETES MELLITUS -- Clinical Description --
History of Suspected Association -- Evidence for Association --
Plausibility -- Case Reports, Case Series, and Uncontrolled
Observational Studies -- Controlled Observational Studies --
Controlled Clinical Trials -- Causality Argument -- Conclusion --
STERILITY DUE TO ORCHITIS -- Clinical Description -- History of
Suspected Association -- Evidence for Association -- Biologic
Plausibility -- Case Reports, Case Series, and Uncontrolled
Observational Studies.
Controlled Observational Studies -- Controlled Clinical Trials --
Causality Argument -- Conclusion -- THROMBOCYTOPENIA -- Clinical
Description -- History of Suspected Association -- Evidence for
Association -- Biologic Plausibility -- Case Reports, Case Series, and
Uncontrolled Observational Studies -- Controlled Observational Studies
-- Controlled Clinical Trials -- Causality Argument -- Conclusion --
Risk-Modifying Factors -- ANAPHYLAXIS -- Clinical Description --
History of Suspected Association -- Evidence for Association --

Biologic Plausibility -- Case Reports, Case Series, and Uncontrolled
Observational Studies -- Controlled Observational Studies --
Controlled Clinical Trials -- Causality Argument -- Conclusion -- Risk-
Modifying Factors -- DEATH -- Causality Argument -- Conclusion --
REFERENCES -- 7 Polio Vaccines -- BACKGROUND AND HISTORY --
BIOLOGIC EVENTS FOLLOWING IMMUNIZATION -- POLIOMYELITIS --
Clinical Description -- History of Suspected Association -- Evidence for
Association -- Biologic Plausibility -- Case Reports, Case Series, and
Uncontrolled Observational Studies -- Controlled Observational Studies
-- Controlled Clinical Trials -- Causality Argument -- Conclusion --
Risk-Modifying Factors -- TRANSVERSE MYELITIS -- Clinical Description
-- History of Suspected Association -- Evidence for Association --
Biologic Plausibility -- Case Reports, Case Series, and Uncontrolled
Observational Studies -- Controlled Observational Studies --
Controlled Clinical Trials -- Causality Argument -- Conclusion --
GUILLAIN-BARRÉ SYNDROME -- Clinical Description -- History of
Suspected Association -- Evidence for Association -- Biologic
Plausibility -- Case Reports, Case Series, and Uncontrolled
Observational Studies -- Controlled Observational Studies --
Controlled Clinical Trials -- Causality Argument -- Conclusion -- Risk-
Modifying Factors.
ANAPHYLAXIS AND THROMBOCYTOPENIA.

Sommario/riassunto

Childhood immunization is one of the major public health measures of the 20th century and is now receiving special attention from the Clinton administration. At the same time, some parents and health professionals are questioning the safety of vaccines because of the occurrence of rare adverse events after immunization. This volume provides the most thorough literature review available about links between common childhood vaccines--tetanus, diphtheria, measles, mumps, polio, Haemophilus influenzae b, and hepatitis B--and specific types of disorders or death. The authors discuss approaches to evidence and causality and examine the consequences--neurologic and immunologic disorders and death--linked with immunization. Discussion also includes background information on the development of the vaccines and details about the case reports, clinical trials, and other evidence associating each vaccine with specific disorders. This comprehensive volume will be an important resource to anyone concerned about the immunization controversy: public health officials, pediatricians, attorneys, researchers, and parents.
