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Adverse Events Associated with Childhood Vaccines

1993-01-01

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 vaccinesâ tetanus diphtheria measles mumps polio haemophilus influenzae b and hepatitis bâ and specific types of disorders or death the authors discuss approaches to evidence and causality and examine the consequencesâ neurologic and immunologic disorders and deathâ 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

Poliovirus

2016-03-17

this volume describes the most common laboratory procedures for isolation identification and characterization of polioviruses used in clinical and research laboratories written for the methods in molecular biology series chapters include introductions to their respective topics lists of the necessary materials and reagents step by step readily reproducible laboratory protocols and tips on troubleshooting and avoiding known pitfalls authoritative and practical poliovirus methods and protocols aims to ensure successful results in the further study of this vital field

Polio

2018-09-01

in 1988 the world health organization launched a twelve year campaign to wipe out polio thirty years and several billion dollars over budget later the campaign grinds on vaccinating millions of children and hoping that each new year might see an end to the disease but success remains elusive against a surprisingly resilient virus an unexpectedly weak vaccine and the vagaries of global politics meeting with indifference from governments and populations alike how did an innocuous campaign to rid the world of a crippling disease become a hostage of geopolitics why do parents refuse to vaccinate their children against polio and why have poorly paid door to door healthworkers been assassinated thomas abraham reports on the ground in search of answers

Radiology of Infectious Diseases: Volume 1

2015-08-28

this book provides a comprehensive overview of diagnostic imaging in infectious diseases it starts with a general review of infectious diseases including their classification characteristics and epidemiology in separate chapters the authors then introduce the radionuclide imaging of 50 kinds of infectious diseases volume 1 covers 21 viral infections volume 2 has 29 chapters discussing 24 bacterial infections and 5 parasitic infections each disease is clearly illustrated using cases combined with high quality computed tomography ct and magnetic resonance imaging mri the book provides a valuable reference source for radiologists and doctors working in the area of infectious diseases

Poliomyelitis

2006

in the 20th century poliomyelitis emerged to become a globalcrippler and killer but with the development of preventive vaccines in the 1950s it looks set to be the first disease to be eliminated by direct human intervention divided into four parts this book presents a world geography of poliomyelitis

Polio: New Insights for the Healthcare Professional: 2011 Edition

2012-01-09

polio new insights for the healthcare professional 2011 edition is a scholarlybrief that delivers timely authoritative comprehensive and specialized information about polio in a concise format the editors have built polio new insights for the healthcare professional 2011 edition on the vast information databases of scholarlynews you can expect the information about polio in this ebook to be deeper than what you can access anywhere else as well as consistently reliable authoritative informed and relevant the content of polio new insights for the healthcare professional 2011 edition has been produced by the world s leading scientists engineers analysts research institutions and companies all of the content is from peer reviewed sources and all of it is written assembled and edited by the editors at scholarlyeditions and available exclusively from us you now have a source you can cite with authority confidence and credibility more information is available at scholarlyeditions com

The Biochemistry of Poliomyelitis Viruses

2014-05-16

the biochemistry of poliomyelitis viruses deals with the interrelationships and differences of positions in the field of poliomyelitis research this volume presents a general introduction to viruses as to their descriptions and biological biochemical and epidemiological aspects clinical poliomyelitis test measurements in the cerebrospinal fluid and the actions of the poliomyelitis virus are explained the isolation of the poliomyelitis virus and some aspects of its immunology and serology through refinements of serologic tools and special techniques plus the state of poliovirus purification are noted this book also gives assumptions about the virus synthetic activities in vivo based on experiments conducted in other viral diseases other than the polio virus this text also notes that important discoveries such as those made by gierer and schramm or fraenkel conrat provide updated poliomyelitis research other research studies are taken into consideration and emphasis is given to the biochemical concept of the polio infection and the related features induced during infection such as the presence of tumors the most promising trend in research is in the study of enzymes of infected cells leading to an understanding of the biochemistry of viral diseases the use of inference microscopy and x ray analysis of cell mass is recommended this book will prove invaluable for microbiologists disease investigators clinical workers and research scientists

Poliomyelitis (infantile Paralysis)

1918

in 1988 the world health organization launched a twelve year campaign to wipe out polio thirty years and several billion dollars over budget later the campaign grinds on vaccinating millions of children and hoping that each new year might see an end to the disease but success remains elusive against a surprisingly resilient virus an unexpectedly weak vaccine and the vagaries of global politics meeting with indifference from governments and populations alike how did an innocuous campaign to rid the world of a crippling disease become a hostage of geopolitics why do parents refuse to vaccinate their children against polio and why have poorly paid door to door healthworkers been assassinated thomas abraham reports on the ground in search of answers

Polio

2018-06-29

vaccines have saved more lives than any other single medical advance yet today only four companies make vaccines and there is a growing crisis in vaccine availability why has this happened this remarkable book recounts for the first time a devastating episode in 1955 at cutter laboratories in berkeley california that has led many pharmaceutical companies to abandon vaccine manufacture drawing on interviews with public health officials pharmaceutical company executives attorneys cutter employees and victims of the vaccine as well as on previously unavailable archives dr paul offit offers a full account of the cutter disaster he describes the nation's relief when the polio vaccine was developed by jonas salk in 1955 the production of the vaccine at industrial facilities such as the one operated by cutter and the tragedy that occurred when 200 000 people were inadvertently injected with live virulent polio virus 70 000 became ill 200 were permanently paralyzed and 10 died dr offit also explores how as a consequence of the tragedy one jury's verdict set in motion events that eventually suppressed the production of vaccines already licensed and deterred the development of new vaccines that hold the promise of preventing other fatal diseases

The Cutter Incident

2007-09-18

poliomyelitis global status is one in a series of gideon ebooks which explore all individual infectious diseases drugs vaccines outbreaks surveys and pathogens in every country of the world data are based on the gideon web application gideononline.com which relies on standard text books peer review journals health ministry reports and promed supplemented by an ongoing exhaustive search of the medical literature the ebook includes 1 descriptive epidemiology 2 clinical features 3 distribution map 4 images 5 global status and status in every relevant country 6 references

Margin of Safety

1963

exploring the role of antiviral drugs in the eradication of polio workshop report is a report of a workshop in which experts evaluated whether an antiviral drug against poliovirus would be helpful in the final stages of the global polio eradication campaign the world health organization currently plans to stop using oral polio vaccine three years after the detection of the last case of transmission of wild polio virus this is because the vaccine contains live weakened polio viruses that can spread and revert to virulence in populations that have not been immunized under this plan an antiviral drug could be useful to control any polio outbreaks caused by a vaccine derived virus that might occur after vaccination ends and the number of unimmunized people in the world steadily increases the report recommends that planning and development of such drugs should be initiated now it identifies several promising targets for drug development and outlines the steps needed for planning for clinical trials and regulatory approval

Poliomyelitis: Global Status

2022-03-17

in 1988 the world health organization launched a campaign for global eradication of polio the goal is closer than ever as fewer than 2 000 people died from the disease in 2002 down from approximately 350 000 in 1988 in this book the authors tell the story of this crippling virus that has struck down healthy children for centuries

Exploring the Role of Antiviral Drugs in the Eradication of Polio

2006-05-04

mass immunization is the blitzkrieg of vaccination practice it serves to rapidly protect populations both because of the high coverage achieved and because of the herd immunity thereby induced however as in war mass immunization campaigns must be conducted intelligently with careful strategy and strong attention to logistics of supply and deployment if conducted badly mass immunization may fail or even be counter productive in this volume some of the most successful practitioners of mass immunization tell us about its art and science david heyman and bruce aylward of who begin the book with a theoretical and practical overview of mass immunization michael lane who participated in the successful effort to eradicate smallpox relates how this was done using mass vaccination and other strategies application of mass immunization by the us military is covered by john grabenstein and remington nevin who have a large experience in these matters karen noakes and david salisbury recount the striking successes of mass immunization in the united kingdom the global control of the clostridia that produce diphtheria toxin is described by charles vitek hepatitis a is decreasing dramatically under the impact of large scale vaccination as francis andré illustrates the french experience with hepatitis b vaccination has been mixed and françois denis and daniel levy brühl explain the circumstances in uenza vaccination is an annual example of large scale campaigns the complexity of which is recounted by benjamin schwartz and pascale wortley

Viral and Rickettsial Infections of Man

1965

the story of mankind's struggle against polio is compelling exciting and full of twists and paradoxes one of the grand challenges of modern medicine it was a battleground between good and bad science garth williams takes an original view of the journey to understanding and defeating polio

The Death of a Disease

2005

through the lens of polio dóra vargha looks anew at international health communism and cold war politics this title is also available as open access

Late Onset Polio Sequelae in Denmark

1993

the public health foundation phf in partnership with the centers for disease control and prevention cdc is pleased to announce the availability of epidemiology and prevention of vaccine preventable diseases 13th edition or the pink book e book this resource provides the most current comprehensive and credible information on vaccine preventable diseases and contains updated content on immunization and vaccine information for public health practitioners healthcare providers health educators pharmacists nurses and others involved in administering vaccines the pink book e book allows you your staff and others to have quick access to features such as keyword search and chapter links online schedules and sources can also be accessed directly through e readers with internet access current credible and comprehensive the pink book e book contains information on each vaccine preventable disease and delivers immunization providers with the latest information on principles of vaccination general recommendations on immunization vaccine safety child adult immunization schedules international vaccines foreign language terms vaccination data and statistics the e book format contains all of the information and updates that are in the print version including new vaccine administration chapter new recommendations regarding selection of storage units and temperature monitoring tools new recommendations for vaccine transport updated information on available influenza vaccine products use of tdap in pregnancy use of tdap in persons 65 years of age or older use of pcv13 and ppsv23 in adults with immunocompromising conditions new licensure information for varicella zoster immune globulin contact bookstore phf.org for more information for more news and specials on

Acute Poliomyelitis (Heine-Medin's Disease)

1913

up to date and in depth analysis

Mass Vaccination: Global Aspects - Progress and Obstacles

2006-09-21

animals and medicine the contribution of animal experiments to the control of disease offers a detailed scholarly historical review of the critical role animal experiments have played in advancing medical knowledge laboratory animals have been essential to this progress and the knowledge gained has saved countless lives both human and animal unfortunately those opposed to using animals in research have often employed doctored evidence to suggest that the practice has impeded medical progress this volume presents the articles jack botting wrote for the research defence society news from 1991 to 1996 papers which provided scientists with the information needed to rebut such claims collected they can now reach a wider readership interested in understanding the part of animal experiments in the history of medicine from the discovery of key vaccines to the advancement of research on a range of diseases among them hypertension kidney failure and cancer this book is essential reading for anyone curious about the role of animal experimentation in the history of science from the nineteenth century to the present

Paralysed with Fear

2013-06-27

from the 1930s to the 1950s in response to the rising epidemic of paralytic poliomyelitis polio texas researchers led a wave of discoveries in virology rehabilitative therapies and the modern intensive care unit that transformed the field nationally the disease threatened the lives of children and adults in the united states especially in the south arousing the same kind of fear more recently associated with aids and other dread diseases houston and harris county texas had the second highest rate of infection in the nation and the rest of the texas gulf coast was particularly hard hit by this debilitating illness at the time little was known but eventually the medical responses to polio changed the medical landscape forever polio also had a sweeping cultural and societal effect it engendered fearful responses from parents trying to keep children safe from its ravages and an all out public information blitz aimed at helping a frightened population protect itself the disease exacted a very real toll on the families friends healthcare resources and social fabric of those who contracted the disease and endured its acute convalescent and rehabilitation phases in the polio years in texas heather green wooten draws on extensive archival research as well as interviews conducted over a five year period with texas polio survivors and their families this is a detailed and intensely human account of not only the epidemics that swept texas during the polio years but also of the continuing aftermath of the disease for those who are still living with its effects public health and medical professionals historians and interested general readers will derive deep and lasting benefits from reading the polio years in texas

Polio Across the Iron Curtain

2018-11

a timely fair minded and crisply written account new york times book review vaccine juxtaposes the stories of brilliant scientists with the industry s struggle to produce safe effective and profitable vaccines it focuses on the role of military and medical authority in the introduction of vaccines and looks at why some parents have resisted this authority political and social intrigue have often accompanied vaccination from the divisive introduction of smallpox inoculation in colonial boston to the 9000 lawsuits recently filed by parents convinced that

2023-05-04

6/11

handbook of research on computational simulation and modeling in engineering advances in systems analysis software engineering and high performance computing

~~vaccines caused their children's autism with narrative grace and investigative journalism arthur allen reveals a history illuminated by hope and shrouded by controversy and he sheds new light on changing notions of health risk and the common good~~

Epidemic Poliomyelitis

1970

polio new insights for the healthcare professional 2012 edition is a scholarlybrief that delivers timely authoritative comprehensive and specialized information about polio in a concise format the editors have built polio new insights for the healthcare professional 2012 edition on the vast information databases of scholarlynews you can expect the information about polio in this ebook to be deeper than what you can access anywhere else as well as consistently reliable authoritative informed and relevant the content of polio new insights for the healthcare professional 2012 edition has been produced by the world's leading scientists engineers analysts research institutions and companies all of the content is from peer reviewed sources and all of it is written assembled and edited by the editors at scholarlyeditions and available exclusively from us you now have a source you can cite with authority confidence and credibility more information is available at scholarlyeditions com

Epidemiology and Prevention of Vaccine-Preventable Diseases, 13th Edition E-Book

2015-10-19

an illustrated guide to surgical procedures that can facilitate rehabilitation of selected patients with deformities due to poliomyelitis addressed to doctors providing surgical services in district hospitals the book concentrates on simple procedures that can significantly facilitate rehabilitation and improve the physical independence of polio victims the importance of including physical therapy in the management of patients is repeatedly emphasized the manual can be used for training purposes or as an aide mtmoire the book covers both simple essential procedures that can be carried out by a general duty doctor with some experience in an average district hospital and those more difficult procedures that require more experience and better than average facilities most of the procedures covered are corrective and stabilizing procedures on the lower limbs which aim to enable patients to stand and move the book features nine chapters presented in two parts chapters in the first part describe the disease and its sequelae provide detailed advice on the tests to be used when evaluating patients and selecting the appropriate procedures and explain a number of basic surgical techniques chapters in the second and most extensive part describe specific surgical procedures for the hip knee foot and ankle and elbow although some procedures involving bone are described the handbook stresses that these techniques require more training and experience

Molecular Biology of Picornaviruses

2002

visually rich netter artwork and detailed yet concise text provide you with an overview of general neurology and its intersection with internal medicine neurosurgery ophthalmology psychiatry and orthopedics

Animals and Medicine

2015-05-04

this book discusses current evidence on human viruses and provides an extensive coverage of newly emerged viruses and current strategies for treatment offering a new perspective in view of the re emergence of ebola in african countries and dengue in india and pakistan the contents include chapters on emergence pathogenicity epidemiology and vaccine uptake human viruses diseases treatments and vaccines the new insights discusses a range of viruses from the most common such as influenza and hepatitis to zika polio myelitis and

2023-05-04

7/11

The Polio Years in Texas

2009-10-25

this publication is one of a series of practical field guides produced by the pan american health organization with best practice guidance for immunisation programmes in the region the last case of poliomyelitis in the americas was detected in 1991 and this guide contains information on the strategies needed to maintain polio eradication in the region sections cover epidemiology clinical aspects vaccines immunisation activities epidemiological surveillance case investigation and monitoring

Papers Presented and Discussions Held

1959

the story of the polio vaccine and its enterprising creator published to coincide with the fiftieth anniversary of the first national vaccination program discusses salk s childhood during one of polio s worst epidemics and his education during the presidency of an afflicted fdr describing how politics and a discrediting rival researcher nearly prevented the vaccine s development

Vaccine: The Controversial Story of Medicine's Greatest Lifesaver

2008-05-17

diagnose neuromuscular disorders more quickly and accurately with electromyography and neuromuscular disorders clinical electrophysiologic correlations 3rd edition state of the art guidance helps you correlate electromyographic and clinical findings and use the latest emg techniques to their fullest potential consult this title on your favorite e reader with intuitive search tools and adjustable font sizes elsevier ebooks provide instant portable access to your entire library no matter what device you re using or where you re located successfully correlate electrodiagnostic findings with key clinical findings for more confident diagnoses clearly see how to apply what you ve learned with abundant case studies throughout the book obtain relevant clinical guidance quickly and easily with an accessible easy to read writing style that s both comprehensive and easy to understand ensure correct emg needle placement and avoid neurovascular injuries by referring to more than 65 detailed cross sectional anatomy drawings diagnose many newly defined genetic neuromuscular conditions based on their electrodiagnostic presentation stay up to date with must know information on iatrogenic complications of electrodiagnostic studies visualize key concepts more easily with a brand new full color design new artwork and new photographs access electromyography and neuromuscular disorders online fully searchable at expertconsult com along with more than 70 videos that allow you to see and hear the emg waveforms discussed in the text as well as a convenient test yourself module

Polio: New Insights for the Healthcare Professional: 2012 Edition

2012-12-10

in this book shell himself a victim of polio offers an inspired analysis of the disease part memoir part cultural criticism and history part meditation on the meaning of disease shell s work combines the understanding of a medical researcher with the sensitivity of a literary critic he deftly draws a detailed yet broad picture of the lived experience of a crippling disease as it makes it way into every facet of human existence

Rehabilitation Surgery for Deformities Due to Poliomyelitis

1993

in the summer and fall of 1953 an epidemic of poliomyelitis struck edmonton dr taylor recounts his experiences as director of the program that dealt with the worst medical emergency ever faced in northern alberta

Netter's Neurology

2012

also occurs new outbreaks of yellow fever have occurred in colombia and trinidad and new outbreaks of rift valley fever have occurred in egypt chapter 6 arenaviruses the biochemical and physical properties have now been clarified and they show a remarkable uniformity in the various viruses constituting the group the possibility that prenatal infection with lcm may result in hydrocephalus and chorioretinitis has been raised serologic surveys have suggested the existence of lassa virus infection in guinea central african empire mali senegal cameroon and benin in addition to earlier identification in nigeria liberia and sierra leone chapter 7 coronaviruses new studies have confirmed the important role of these viruses in common respiratory illnesses of children and adults the viruses are now known to contain a single positive strand of rna about 50 of corona virus infections result in clinical illness about 5 of common colds are caused by strain dc 43 in winter chapter 8 cytomegalovirus sections on pathogenesis of cmv in relation to organ transplantation and mononucleosis as well as sections on the risk and features of congenital infection and disease have been expanded there are encouraging preliminary results with a live cmv vaccine but the questions of viral persistence and oncogenicity require further evaluation

Human Viruses: Diseases, Treatments and Vaccines

2021-05-19

polio an infectious disease caused by a virus became epidemic in the united states in the early to mid 20th century recounted in the form of a journal this story about edna black hindson does a wonderful job making the story of polio come alive edna caught polio in 1946 before the height of the epidemic and the introduction of the vaccine and well after franklin delano roosevelt turned warm springs into the only place focused only on treating poliomyelitis thus her story shows how americans in the 1940s understood and treated polio how they were able to use the facilities at warm springs and the work it took to help children recover muscle control and the ability to move their limbs that had originally been paralyzed

Poliomyelitis Eradication

2006

The Epidemiology of Polio in Israel

2008

Splendid Solution

2005

Late Effects of Poliomyelitis

1985

Electromyography and Neuromuscular Disorders E-Book

2012-12-01

Polio and Its Aftermath

2009-06-30

Polio '53

1990

Viral Infections of Humans

2013-11-11

My Scrapbook of My Illness with Polio, 1946-1951

2020-05-25

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