

1. Record Nr.	UNINA9910792158503321
Titolo	Central nervous system infections in childhood // edited by Pratibha Singhi, Diane E. Griffin and Charles R. Newton
Pubbl/distr/stampa	London : , : Mac Keith Press, , 2014 ©2014
ISBN	1-909962-45-7
Descrizione fisica	1 online resource (390 p.)
Collana	International Review of Child Neurology Series
Disciplina	616.8
Soggetti	Central nervous system - Diseases Pediatric neurology Neuroimmunology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	CONTENTS; AUTHORS' APPOINTMENTS; FOREWORD; PREFACE; ACKNOWLEDGEMENTS; 1 BURDEN OF CENTRAL NERVOUSSYSTEM INFECTIONS; Viral infections; Bacterial infections; Parasitic infections; Conclusion; 2 PATHOGENESIS OF CENTRALNERVOUS SYSTEM INFECTIONS; Blood-brain and blood-cerebrospinal fluid barriers; Entry of pathogens into the central nervous system; Bacteria; Parasites; Fungi; Development of disease: pathogen replication and inflammation in the centralnervous system; Summary; 3 THE PRINCIPLES OF MANAGEMENTOF CENTRAL NERVOUS SYSTEMINFECTIONS; Evaluation and diagnosis; Emergency management Specific treatmentGeneral supportive care; Fluid, electrolytes and nutrition; Seizures and status epilepticus; Raised intracranial pressure; Adjunctive therapy; Mechanical ventilation; Isolation and infection precautions; The patient's family; 4 NEUROIMAGING; Section 1: Bacterial, Fungal, Tuberculous andParasitic Infections; Imaging modalities; Imaging clinical syndromes of central nervous system infection; Section 2: Viral Infections; Herpes encephalitis; Arbovirus infections; Enteroviruses; Human immunodeficiency virus and associated opportunistic viral infections; Cytomegalovirus Progressive multifocal leukoencephalopathy (PML)Other viruses;

Summary; 5 CONGENITAL INFECTIONS; Epidemiology; Clinical manifestations; Laboratory findings; Microbiological diagnosis; Neuroimaging features; Prevention and treatment of congenital infections; 6 FEBRILE SEIZURES; Definition; Epidemiology; Risk factors; Genetics; Presentation; Immediate management and diagnostic evaluation; Lumbar puncture; Management; The long-term outcome of febrile seizures; 7 VIRAL ENCEPHALITIS AND MENINGITIS; Enterovirus and parechovirus infections; Arbovirus encephalitis; 8 HERPES SIMPLEX VIRUS INFECTIONS

PathologyPathogenesis; Clinical presentation of herpes simplex virus infections of the brain; Laboratory considerations for diagnosis; Therapy; Conclusion; 9 JAPANESE ENCEPHALITIS; History; The virus; Transmission and life cycle; Epidemiology; Pathogenesis; Pathology; Clinical features; Laboratory diagnosis; Treatment; Sequelae; Prevention; 10 RABIES; Epidemiology; The virus; Pathogenesis; Pathology; Incubation period; Clinical features; Laboratory diagnosis; Prevention of human rabies; Prevention of rabies in animals; Public health measures to control rabies; 11 HIV INFECTIONS; Epidemiology PathogenesisClinical manifestations; Complexities of the disorder; Therapeutic and management issues; Future directions and new interventions; Conclusion; 12 ACUTE BACTERIAL MENINGITIS; Aetiology; Epidemiology; Pathogenesis; Pathophysiology; Neuropathology; Clinical presentation; Diagnosis; Differential diagnosis; Laboratory tests; Organism identification; Course and complications; Neuroimaging in meningitis; Treatment; Prognosis; Prevention; 13 FOCAL INTRACRANIAL SUPPURATION; Brain abscess; Subdural empyema; Epidural abscess; Suppurative intracranial phlebitis
Ventriculoperitoneal shunt infection

Sommario/riassunto

This new book covers almost all CNS infections commonly seen in children across the world. It provides a concise, state-of-the-art overview of viral, bacterial, tubercular, fungal, parasitic, and many other infections.
