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Radiation Therapy of MBTs; Chemotherapy of MBTs; Acknowledgments; References; Chapter 4: Supportive Care of Brain Tumor Patients; Introduction; Seizures and Anticonvulsant Therapy; Corticosteroids; Gastric Acid Inhibitors; Thromboembolic Complications and Anticoagulation; Dysphagia and Swallowing Disorders; Psychiatric Issues; Pain Control Issues; Palliative Care; Ethical Issues; Conclusion; References; Chapter 5: Brain-Tumor-Related Epilepsy in Children; The Pediatric Perspective; Epilepsy-Associated Brain Tumors PathophysiologyEpidemiology; Brain Tumors; Seizures and Epilepsy; Presentation; Brain Tumors; Seizures and Epilepsy; General Principles of Management; History and Physical Exam; Diagnostic Evaluation; Scalp EEG; Intracranial EEG; MRI; Other Imaging Studies; Magnetic and Electrical Source Localization; Neuropsychological Assessment and Other Studies Used to Localize Eloquent Brain; Genetics; Tissue Diagnosis and Molecular Tumor Markers; Medical Management; Anticipatory Guidance; Maintenance Antiseizure Drugs; Rescue Antiseizure Drugs
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Treatment of BTRE

Sommario/riassunto

Patients with brain tumor-related epilepsy (BTRE) suffer from two serious pathologies simultaneously - a brain tumor and a secondary form of epilepsy. Although there has been remarkable progress in BTRE research in recent years, it remains an on-going challenge for clinicians and continues to stimulate much debate in the scientific community. This volume is the first to be completely dedicated to BTRE, and in doing so it explores issues faced by the health care team as well as some of the novel and promising directions that future research may take. Epilepsy and Brain Tumors is not only a c
