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Nota di contenuto	Front Cover; Gliomas; Copyright; Handbook of Clinical Neurology 3rd Series; Foreword; Preface; Contributors; Contents; Section 1: Diagnosis and treatment; Chapter 1: Epidemiology; Descriptive epidemiology; Glioma incidence by age and histologic subtype; Differences in glioma incidence by sex, ethnicity, and geographic location; Incidence of molecular subgroups of glioma; Inherited risk factors for glioma; Hereditary cancer syndromes associated with glioma risk; Genome-wide association studies of glioma; Telomere maintenance and glioma; Telomere biology and heritability of telomere length: Telomere length and risk of gliomaTelomere lengthening and cancer; Environmental and developmental risk factors; Allergies, infections, and immunologic risk factors; Ionizing radiation; Nonionizing radiation; Other investigated but inconclusive factors; Patient survival following diagnosis; Associations with age, tumor subtype, and treatment; Prognostic markers; Conclusions; Gene abbreviations used; References; Chapter 2: Presenting Signs and Symptoms in Brain Tumors; Introduction; Generalized Symptoms And signs; Headache; Nausea and Vomiting; Altered Mental Status; Papilledema; Seizure Clinical Features of Increased Intracranial PressureCSF Obstruction;

Herniation Syndromes; Localizing Symptoms and Signs of Intracranial Neoplasms; Invasion From The skull; Frontal-lobe Tumors; General Features; Temporal-lobe Tumors; General Features; Seizures; Visual Deficits; Dysphasia; Cognitive and Memory Dysfunction; Parietal-lobe Tumors; Seizure; Sensory Abnormalities; Visual Disturbances; Dyspraxia; Dysphasia; Occipital Tumors; Diencephalic Tumors; Pineal-region Tumors; Mesencephalic Tumors; Pontine Tumors; Cerebellar Tumors; Cerebellopontine Angle Tumors; Medullary Tumors
Spinal Cord TumorsReferences; Chapter 3: Neuroimaging; Introduction; Conventional MRI in Glioma; Astrocytic Tumors; Diffuse low-grade Astrocytoma; Anaplastic Astrocytoma; Glioblastoma; Oligodendroglial Tumors; Oligodendroglioma; Anaplastic Oligodendroglioma; Ependymal Tumors; Ependymoma; Subependymoma; Neuronal Tumors; Ganglioglioma; Dysembryoplastic Neuroepithelial tumor; Central Neurocytoma; Advanced MRI Techniques; Diffusion-weighted Imaging; Diffusion Tensor Imaging; Magnetic Resonance Spectroscopy; Functional Magnetic Resonance Imaging; MR Perfusion Imaging
Dynamic contrast-enhanced Imaging TechniquesDynamic Susceptibility contrast-enhanced Mri (Dsce-MRI); Dynamic contrast-enhanced MRI; Dynamic contrast-enhanced CT; Arterial Spin Labeling; Clinical Applications of MRI; Distinguishing Glioma From Other Lesions; Distinguishing Glioma From a Solitary Metastasis; Distinguishing Glioma From Cerebral Abscess; Distinguishing Glioma From Inflammatory Lesions; Distinguishing Glioma From Lymphoma; Grading Glioma and Identifying Histologic Subtypes; Identifying Malignant Transformation In LGG; Treatment Planning; Surgical Guidance; Radiotherapy Guidance
Measuring and Predicting Therapeutic Response
