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Titolo	Brain Tumors in Children [[electronic resource] /] / edited by Amar Gajjar, Gregory H. Reaman, Judy M. Racadio, Franklin O. Smith
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ISBN	3-319-43205-2
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Descrizione fisica	1 online resource (426 pages)
Disciplina	616.99481
Soggetti	Oncology Pediatrics Neurology Radiotherapy Neurosurgery Oncology Neurology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Epidemiology of CNS tumors -- Principals of Neurosurgery -- Principals of Radiation Oncology -- Neuroimaging for CNS tumors -- CNS tumor predisposition syndromes -- Modern principals of CNS Tumor Classification -- Medulloblastoma -- Ependymoma -- High Grade Glioma -- Diffuse Pontine Glioma -- Low Grade Glioma -- CNS Germ Cell Tumors -- Craniopharyngioma -- Rare CNS Tumors -- Infant tumors -- Late effects – Neurocognitive outcomes -- Late Effects – Endocrine deficiencies; Second Malignancies; Late Mortality -- Global Challenges in Neuro Oncology -- Future Directions.
Sommario/riassunto	This book is a comprehensive and up-to-date compendium of all aspects of brain tumors in children. After introductory chapters on the epidemiology of brain tumors, the book will provide readers with state-of-the art chapters on the principals of radiation therapy, neurosurgery and neuroimaging. Subsequent chapters discuss the biology and treatment of specific types of brain tumors. The concluding chapters present critical information relevant to survivorship, neurocognitive and

other late effects, and the global challenges to better diagnosis and treatment of brain tumors in children. This book is co-authored by experts in the treatment of pediatric brain tumors. All of the authors are internationally recognized authorities and they offer an evidence-based consensus on the biology and treatment of brain tumors. This handbook has far-reaching applicability to the clinical diagnosis and management of brain tumors in children and will prove valuable to specialists, generalists and trainees alike.