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Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIII, 243 p. 46 illus., 34 illus. in color.)
Disciplina	617.48
Soggetti	Nervous system - Surgery Oncology Radiotherapy
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Meningiomas: Overview -- Histopathology and Grading of Meningiomas -- Radiology -- The Genomic Landscape of Meningiomas -- The Initial Evaluation and Surveillance of Meningiomas -- Surgical Considerations for Newly Diagnosed Meningiomas -- Endoscopic and Minimally Invasive Meningioma Surgery -- Spinal Meningioma: Comprehensive Strategies for Management -- Radiation Therapy for the Management of Benign Meningioma -- Benign Tumor Recurrence and Management of More Aggressive Meningiomas -- Surgical Considerations for Recurrent Meningiomas -- Radiotherapy for Aggressive Meningiomas and Recurrent WHO Grade I Meningiomas -- The Role of Medical Therapy -- Emerging Therapies I: Precision Medicine, Targeted Therapies, and Mutation-Specific Approaches -- Emerging Therapies II: Immunotherapies, Novel Radiotherapy Techniques and Other Experimental Approaches.
Sommario/riassunto	This book provides a comprehensive overview of the multidisciplinary management of meningiomas, followed by evaluation and management considerations along a spectrum of benign to more malignant behavior. It outlines the management of presumed Grade 1 tumors and how to identify features of tumors radiographically and clinically that may support a benign course rather than aggressive and vice versa.

Following a stepwise progression from simple to complex, chapters introduce and tackle more aggressive meningiomas and tumor recurrence (of all Grades), with paradigms for evaluation and treatment. Tumor biology and genomics are fundamental and largely focused in the book. More recent findings which have directed personalized medicine and clinical trials are also addressed. Meningiomas: Comprehensive Strategies for Management addresses all aspects of the evaluation and care of patients with all WHO grades of meningiomas. It is highly informative and provides clarity for a wide audience of neurosurgeons, reconstructive surgeons, oncologists, neurologists, radiation oncologists, pathologists, radiologists, residents and students who treat these patients and those who are training for a career in managing patients with these potentially challenging tumors.

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