

1. Record Nr.	UNINA9910731478203321
Titolo	Advances and Technical Standards in Neurosurgery : Volume 46 // edited by Concezio Di Rocco
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer , 2023
ISBN	3-031-28202-7
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (267 pages)
Collana	Advances and Technical Standards in Neurosurgery, , 1869-9189 ; ; 46
Disciplina	617.48
Soggetti	Nervous system—Surgery Children—Surgery Orthopedic surgery Neurosurgery Pediatric Surgery Surgical Orthopedics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	A critical analysis of the new WHO classification of CNS tumors -- Intracranial Tumors in the First Year of Life -- Supracerebellar infratentorial approach, indications and technical pitfall -- Clinical risk factors for speech impairment after posterior fossa tumour surgery in children -- Trigeminal schwannoma surgery: How to preserve facial sensation -- Evolution of Making Clinical Predictions in Neurosurgery -- Evolving concepts on craniovertebral and spinal instability -- Management of Chiari 1 malformation -- Controversies in the treatment of arachnoid cysts -- The subdural hematomas both in adults and children -- Trapped fourth ventricle: pathophysiology, history, and treatment strategies.-Role of endoscopy in treatment of complex hydrocephalus in children -- Apert Syndrome: Selection Rationale for Midface Advancement Technique.
Sommario/riassunto	The book provides an update on several pathological conditions of the CNS that require neurosurgical treatment. The different chapters, written by the most eminent international scientists and clinicians in the field of neuroscience, offer a critical assessment of the relevant

nosographic entities that are the subject of current scientific debate. The book opens with an analysis of the new WHO classification of brain tumors then describing intracranial tumors of the first year of life, as well as of the technical aspects of neurooncological surgery. The various chapters take into consideration spinal problems, the management of intracranial arachnoid cysts (still a very controversial subject), hydrocephalus, and the rational concepts at the basis of the midface advancement in crani0synostosis. An interesting chapter presents the latest advances in clinical prediction in neurosurgery. As with the previous volume in the series, this book represents an important contribution to the advancement of neurosurgical specialties.

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