

1. Record Nr.	UNINA9910495198103321
Titolo	Pediatric Vascular Neurosurgery : Technical Nuances in Contemporary Pediatric Neurosurgery (Part 2) / / edited by Abhishek Agrawal, Gavin Britz
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-74749-2
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (264 pages)
Disciplina	617.413
Soggetti	Nervous system - Surgery Children - Surgery Pediatrics Neurosurgery Pediatric Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The embryological development of the cerebrovascular system -- Pediatric neurovascular conditions (neurosurgery) -- Developmental venous anomalies with review of literature -- Vascular malformations of the brain overview and classification -- Non-galenic fistulas -- Cavernous Malformations -- Cerebro-facial arteriovenous metameric syndrome (CAMS) -- Spinal arteriovenous metameric syndrome (SAMS) and SCAVM -- Vascular malformations of the spinal cord (inc spinal aneurysms) -- Vascular lesions of the head and neck -- Infantile hemangiomas -- Para-gangliomas -- Glomus jugulare and carotid body tumors -- Juvenile nasopharyngeal angiomas (JNAs) -- Pre and post-operative care after neurosurgery procedures -- Pre and post-operative care after neuro-interventional procedures -- Parent Expectations and Counseling in pediatric neurosurgery -- Technique in spinal angiography in pediatric population -- Cerebral sinovenous thrombosis (CSVT in neonates & children) -- In-utero fetal anatomy using non-invasive imaging modalities (ultrasound & MRI) -- Intrauterine vascular anomalies -- Pediatric intra-cranial aneurysms -- Pediatric Trauma (including traumatic aneurysms, penetrating trauma)

-- Pediatric angioplasty and stenting -- Pediatric Dural arterio-venous fistula -- Epistaxis and management. .

Sommario/riassunto

This book is a detailed resource on the technical aspects of pediatric neurosurgery that relate to vascular malformations of the brain and spinal cord. It introduces concepts relevant to cerebrovascular system development and the classification of vascular malformations. Information on a range of disorders is then provided with an emphasis placed on answering frequently asked questions in relation to a particular condition. Therefore, enabling the reader to systematically improve their understanding of how approach treating patients utilizing techniques such as ultrasound and spinal angiography. The chapters, authored by experts in their respective field, provide a standard of care based on current diagnostic and management guidelines for pediatric neurosurgical diseases. Pediatric Vascular Neurosurgery: Technical Nuances in Contemporary Pediatric Neurosurgery (Part 2) is a comprehensive overview of how to approach diagnosing and treating a range of vascular malformations encountered in pediatric patients. The problem-solving approach of this work makes it a valuable addition to the literature and suitable for use by residents, fellows and consultants within pediatrics and allied specialities, including Neurosurgery, Neurology, Neuro-anesthesia, Neuro-critical care and advanced health care providers amongst others.