

1. Record Nr.	UNINA9910583358203321
Titolo	Complications in Neurosurgery // Anil Nanda
Pubbl/distr/stampa	Edinburgh ; ; New York : , : Elsevier, , ©2019
ISBN	0-323-51050-7
Descrizione fisica	1 online resource : illustrations (some color)
Collana	ClinicalKey
Soggetti	Nervous system - Surgery Neurosurgical Procedures - adverse effects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Complications of Minimally Invasive Spinal Surgery / Hsuan-Kan Chang, Michael Y. Wang Section one: General neurosurgery. Historical perspective -- Informed consent and medico legal aspects of neurosurgery -- Wrong side craniotomy and wrong level spine surgery: 'res ipsa loquitur' -- Medical complications in neurosurgery -- Surgical complications in cranial and spine surgery (Position-related, pneumocephalus, pseudomeningocele and CSF leak, wound complications) -- Venous injury and cerebral edema in cranial surgery -- Post-operative hematoma after neurosurgery -- Section two: Cranial complications. Vascular surgery complications -- Overview -- Intra-operative rupture and parent artery injury during aneurysm surgery -- Cerebral Vasospasm: complications and avoidance -- Complications of AVM microsurgery; steal phenomenon and management of residual AVM -- Complications of cerebral bypass surgery -- Complications of surgery for cavernomas -- Complication of Carotid endarterectomy -- Skull base surgery complications -- Overview -- Complications in anterior cranial fossa surgery -- Complications in middle cranial fossa surgery -- Complications in posterior cranial fossa surgery -- Complications of Chiari malformation surgery -- Primary brain lesion resection complications -- Primary brain lesion resection complications: an overview -- Complications following glioma surgery -- Complications of surgery for pituitary tumors -- Thalamic and insular tumors: minimizing deficits -- Complications of surgery for pineal region

tumors -- Complications associated with surgery for intracranial infectious lesions : (tuberculosis, hydatid, neurocysticercosis) -- Malignant brain swelling after resection of superior sagittal sinus meningioma -- Facial nerve and Auditory nerve deficit in GKRS for vestibular Schwannomas -- Pediatric neurosurgery complications -- Complications of posterior fossa tumors: ependymoma/ medulloblastoma/ pilocytic astrocytoma -- Craniopharyngioma: complications after microsurgery -- Complications associated with cerebrospinal fluid diversion -- Complications after myelomeningocele repair: CSF leak and retethering -- Functional and radiosurgery, surgery for trigeminal neuralgia; complications -- Complications of various treatment options for trigeminal neuralgia -- Complications of DBS -- Complications following epilepsy surgery -- Complications after Stereotactic Radiosurgery -- Endoscopic surgery -- Complications of endonasal endoscopy -- Vascular injuries in transsphenoidal approach -- Complications of ventricular endoscopy -- Endovascular surgery -- Access-related complications: (groin hematoma, dissection and pseudoaneurysm, contrast-nephropathy, air embolism) -- Procedure-related complications: aneurysms: intraprocedural rupture, thromboembolic events, coil migration or prolapse into parent artery, and recurrent aneurysm management -- Procedure related complications: AVM embolization -- Procedure related complications: stroke -- Procedure related complications: CCF and AVF -- Trauma -- Complications after decompressive craniectomy and cranioplasty -- Complications following surgery for chronic subdural hematoma -- Section three: Spinal and peripheral nerve surgery complications. General and Degenerative spinal disease surgery complications -- Overview of general and degenerative spine surgery complications -- Adjacent level disc degeneration and pseudoarthrosis -- Graft related complications (autograft, BMP, synthetic) -- Procedure related complications (inadvertent dural tear, CSF leak) -- Complications of surgery at craniocervical junction -- Neurologic deterioration after spinal surgery (including cauda equine) -- Vascular injury during approach to lumbar spine -- Vascular complications in cervical spine surgery (anterior approach and posterior approach) -- Instrumentation related complications -- Post-op spinal deformities: kyphosis, non-union and loss of motion segment -- Complications of MIS -- Spinal neoplastic and vascular lesion surgery complications -- Complications in spinal cord tumor surgery -- Complications of surgery for vertebral body tumors -- Complications of surgery for spinal vascular malformations -- Complications of surgery and radiosurgery in spinal metastasis -- Spinal Trauma and peripheral nerve surgery complications -- Complication of spinal fractures -- Post-traumatic syringomyelia -- Complications of surgery for peripheral nerve injuries and tumors.

Sommario/riassunto

Learn from key leaders in the field of neurosurgery with the practical guidance presented in this first-of-its-kind resource. Complications in Neurosurgery uses a case-based format to explore complications across the full range of commonly performed neurosurgical procedures. As you review dozens of up-to-date, real-life cases, you'll become better equipped to identify pitfalls ahead of time and have the knowledge to handle difficult situations that arise during surgery. Key Features: Presents commonly encountered cases provided by experienced neurosurgeons in all areas of this challenging specialty; Includes high-quality photographs, images, and dynamic video to ensure complete visual understanding of the procedures; Uses a consistent, easy-to-read format throughout, covering a wide range of surgeries including general neurosurgery and cranial complications, as

well as spinal and peripheral complications; Numerous videos depict possible complications for each type of surgery; for example, Complications of Cerebral Bypass Surgery includes videos showing how to obtain venous hemostasis without risking injury to the STA, how to manage atheroma within the donor vessel, and how to manage intraoperative occlusion of the bypass. -- Publisher
