

1. Record Nr.	UNINA9910591042803321
Titolo	Acute Care Neurosurgery by Case Management : Pearls and Pitfalls / / edited by P. B. Raksin
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783030995126 9783030995119
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (357 pages)
Disciplina	616.8 617.48
Soggetti	Nervous system - Surgery Surgery Neurology Neurosurgery Malalties del sistema nerviós Neurocirurgia Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliographical references and index.
Nota di contenuto	Hemorrhagic stroke – spontaneous intracerebral hemorrhage -- Cerebellar stroke and suboccipital trauma -- Venous sinus thrombosis -- Aneurysmal subarachnoid hemorrhage -- Pituitary apoplexy -- Hydrocephalus and shunt failure -- Cerebrospinal fluid fistulae -- Acute epidural compression syndromes of the spinal canal – epidural hematoma, metastatic disease, abscess -- Cauda equina syndrome -- Initial evaluation of concussion -- Epidural and subdural hematoma -- Cerebral contusion -- Penetrating brain injury -- Traumatic arterial vascular and venous injuries -- Decompressive craniectomy – for stroke, trauma -- Cervical spine fractures -- Thoracolumbar fractures -- Central cord syndrome -- Approach to the patient with acute neurologic worsening -- Status epilepticus -- Central nervous system infection -- Abnormal clotting and coagulopathy -- Fever.
Sommario/riassunto	This book reviews the common clinical scenarios that might trigger

emergent consultation for neurosurgical intervention, with attention to key components of the clinical interview and exam, optimal diagnostic evaluation, indications for and the goals of operative intervention, perioperative considerations, and strategies for complication mitigation. This is not a surgical atlas, but rather, a road map for the journey to the operating room door. The intent is to establish a systematic, evidence-based action plan for the patient presenting in neurologic crisis. Each chapter opens with a relevant case vignette and then unfolds through uniform sections to tell the story of how one might approach the disease entity in question, from initial request for consultation to definitive management, highlighting steps of the decision-making process. Each chapter is punctuated by 3-5 teaching pearls, summarizing these key elements. The overall goal is to create a framework for assessment that might be applied in the emergency department, the trauma bay, or the ICU when a neurologic emergency arises. The scope encompasses not only cranial and spinal trauma, but also entities such as shunt failure, stroke, aneurysmal subarachnoid hemorrhage, pituitary apoplexy, cauda equina syndrome, and central nervous system infection that might require time-sensitive intervention. An additional section addresses issues requiring emergent neurosurgical response in the ICU setting, including sudden neurologic worsening, status epilepticus, and abnormal clotting/ coagulopathy. .
