

1. Record Nr.	UNINA9910983066203321
Autore	Agrawal Amit
Titolo	Special Considerations in Trauma Care // edited by Amit Agrawal, Rakesh Mishra, Ajay Halder
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819996629 9819996627
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (373 pages)
Altri autori (Persone)	MishraRakesh HalderAjay
Disciplina	617.1
Soggetti	Emergency medicine Critical care medicine Nervous system - Surgery Neurology Radiology Emergency Medicine Intensive Care Medicine Neurosurgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Epidemiology of trauma and injuries -- 2. Laboratory Investigations in trauma patients -- 3. Radiology and imaging in trauma patients -- 4. Neuroimaging and Its Application in the Diagnosis and Early Prognostication of TBI -- 5. Airway management in acute trauma -- 6. Anaesthetic considerations -- 7. Craniocerebral injuries -- 8. Trauma to the Skull Base -- 9. Temporal Bone Fractures -- 10. Facial trauma -- 11. Trauma to Neck -- 12. Battered baby syndrome: Diagnosis and management -- 13. Military Injuries - Special Considerations -- 14. Algorithm for the management of craniocerebral injuries -- 15. The Paradigm Shift in the Incidence of Post Trauma Complications -- 16. Intracranial Pressure monitoring in TBI patients -- 17. Decompressive craniectomy for severe TBI CSF dynamics, cerebral perfusion and cognitive outcome -- 18. Decompressive craniotomy in children -- 19.

Post-traumatic stress disorders -- 20. Rehabilitation aspects in trauma patients -- 21. Community integration and Holistic Rehabilitation for traumatic brain injuries.

Sommario/riassunto

The book covers special considerations in trauma care with chapters deliberating on the clinical management of trauma in a particular population group or situation, which is often not covered in other books on trauma care. It presents chapters on trauma as per different body regions, geriatric, pediatric, fetal, and trauma with pregnancy. Separate chapters focus on basic sciences related to craniocerebral and spinal trauma. Each chapter provide key learning points, highlights, detailed discussion on the pathophysiology, special considerations, evidence base available, management protocols, recommendations, summary, and opportunities for further research studies. The book includes numerous helpful photographs and anatomical drawings, clear flow charts and tables to aid in diagnostic and surgical decision-making and to identify surgical indications. It provides essential information on anatomy, physiology, and pathology, and individual chapters cover lab investigations, radiology, and imaging in trauma. This book assists the practitioners in anesthesia, neurology, neurosurgery, orthopedics, obstetrics, pediatrics, scientists, postgraduate students, and researchers in trauma management. This book is a key reference for the latest available scientific evidence, controversies, recommendations, and updated knowledge on trauma care in a single volume.
