

ONLINE REFERENCES (CHAPTER 19.2)

1. American College of Surgeons Committee on Trauma. ACS Trauma Quality Programs (TQP) Best Practices Guidelines for the Management of Traumatic Brain Injury. Chicago, IL: American College of Surgeons; 2024.
2. Maas AIR. Traumatic brain injury in India: A big problem in need of data. *Neurol India*. 2017;65(2):257-8.
3. Agrawal D, Singh PK, Sinha S, et al. Remaining unconscious: The burden of traumatic brain injuries in India. *J Neurosci Rural Pract*. 2015;6(4):520-2.
4. Allen BC, Cummer E, Sarma AK. Traumatic brain injury in select low- and middle-income countries: A narrative review of the literature. *J Neurotrauma*. 2023;40(7-8):602-19.
5. Maas AIR, Menon DK, Manley GT, et al. Traumatic brain injury: Progress and challenges in prevention, clinical care, and research. *Lancet Neurol*. 2022;21(11):1004-60.
6. Teasdale G, Maas A, Lecky F, et al. The Glasgow Coma Scale at 40 years: Standing the test of time. *Lancet Neurol*. 2014;13(8):844-54.
7. Reith FCM, Van den Brande R, Synnot A, et al. The reliability of the Glasgow Coma Scale: A systematic review. *Intensive Care Med*. 2016;42(1):3-15.
8. Anestis DM, Tsitsopoulos PP, Tsonidis CA, et al. The current significance of the FOUR score: A systematic review and critical analysis of the literature. *J Neurol Sci*. 2020;409:116600.
9. Manley GT, Dams-O'Connor K, Alosco ML, et al. A new characterisation of acute traumatic brain injury: The NIH-NINDS TBI Classification and Nomenclature Initiative. *Lancet Neurol*. 2025;24(6):512-23.
10. Hellerhoff. Wikimedia Commons. (2021). Trauma subdural hematoma. [online] Available from https://commons.wikimedia.org/wiki/File:Trauma_subdural.jpg [Last accessed December, 2025].
11. Wikimedia Commons. (2020). Traumatic acute epidural hematoma. Traumatic acute epidural hematoma. [online] Available from https://commons.wikimedia.org/wiki/File:Traumatic_acute_epidural_hematoma.jpg [Last accessed December, 2025].
12. Hellerhoff. Wikimedia Commons. (2024). Frontale Kontusionsblutung als Contre coup. [online] Available from https://commons.wikimedia.org/wiki/File:Frontale_Kontusionsblutung_als_Contre_coup_01.png [Last accessed December, 2025].
13. Picetti E, Rossi S, Abu-Zidan FM, et al. WSES consensus conference guidelines: Monitoring and management of severe adult traumatic brain injury patients with poly-trauma in the first 24 hours. *World J Emerg Surg*. 2019;14(1):53.
14. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Mild Traumatic Brain Injury, Valente JH, Anderson JD, Paolo WF, et al. Clinical Policy: Critical issues in the management of adult patients presenting to the emergency department with mild traumatic brain injury: Approved by ACEP Board of Directors, February 1, 2023 Clinical Policy Endorsed by the Emergency Nurses Association (April 5, 2023). *Ann Emerg Med*. 2023;81(5):e63-105.
15. Chesnut RM, Temkin N, Videtta W, et al. Consensus-Based Management Protocol (CREVICE Protocol) for the Treatment of Severe Traumatic Brain Injury Based on Imaging and Clinical Examination for Use When Intracranial Pressure Monitoring Is Not Employed. *J Neurotrauma*. 2020;37(11):1291-9.
16. Burlew CC, Biffl WL, Moore EE, et al. Blunt cerebrovascular injuries: Redefining screening criteria in the era of noninvasive diagnosis. *J Trauma Acute Care Surg*. 2012;72(2):330-5; discussion 336-7, quiz 539.
17. Kim DY, Biffl W, Bokhari F, et al. Evaluation and management of blunt cerebrovascular injury: A practice management guideline from the Eastern Association for the Surgery of Trauma. *J Trauma Acute Care Surg*. 2020;88(6):875-87.
18. Biffl WL, Moore EE, Offner PJ, et al. Optimizing screening for blunt cerebrovascular injuries. *Am J Surg*. 1999;178(6):517-22.
19. Geddes AE, Burlew CC, Wagenaar AE, et al. Expanded screening criteria for blunt cerebrovascular injury: A bigger impact than anticipated. *Am J Surg*. 2016;212(6):1167-74.
20. Lulla A, Lumba-Brown A, Totten AM, et al. Prehospital Guidelines for the Management of Traumatic Brain Injury, third edition. *Prehosp Emerg Care*. 2023;27(5):507-38.
21. Moen KG, Flusund AMH, Moe HK, et al. The prognostic importance of traumatic axonal injury on early MRI: The Trondheim TAI-MRI grading and quantitative models. *Eur Radiol*. 2024;34(12):8015-29.
22. Haghbayan H, Boutin A, Laflamme M, et al. The prognostic value of MRI in moderate and severe traumatic brain injury: A systematic review and meta-analysis. *Crit Care Med*. 2017;45(12):e1280-8.
23. Carney N, Totten AM, O'Reilly C, et al. Guidelines for the management of severe traumatic brain injury, fourth edition. *Neurosurgery*. 2017;80(1):6-15.
24. Robba C, Picetti E, Vásquez-García S, et al. The Brussels consensus for non-invasive ICP monitoring when invasive systems are not available in the care of TBI patients (the B-ICONIC consensus, recommendations, and management algorithm). *Intensive Care Med*. 2025;51(1):4-20.
25. Hawryluk GWJ, Citerio G, Hutchinson P, et al. Intracranial pressure: Current perspectives on physiology and monitoring. *Intensive Care Med*. 2022;48(10):1471-81.

26. Sandroni C, Citerio G, Taccone FS. Automated pupillometry in intensive care. *Intensive Care Med.* 2022;48(10):1467-70.
27. Jahns FP, Miroz JP, Messerer M, et al. Quantitative pupillometry for the monitoring of intracranial hypertension in patients with severe traumatic brain injury. *Crit Care.* 2019;23:155.
28. Oddo M, Taccone FS, Petrosino M, et al. The Neurological Pupil index for outcome prognostication in people with acute brain injury (ORANGE): A prospective, observational, multicentre cohort study. *Lancet Neurol.* 2023; 22(10):925-33.
29. Rasulo FA, Calza S, Robba C, et al. Transcranial Doppler as a screening test to exclude intracranial hypertension in brain-injured patients: the IMPRESSIT-2 prospective multicenter international study. *Crit Care.* 2022;26(1):110.
30. Herman ST, Abend NS, Bleck TP, et al. Consensus Statement on Continuous EEG in Critically Ill Adults and Children, Part I: Indications. *J Clin Neurophysiol.* 2015; 32(2):87-95.
31. Alkhachroum A, Appavu B, Egawa S, et al. Electroencephalogram in the intensive care unit: A focused look at acute brain injury. *Intensive Care Med.* 2022;48(10): 1443-62.
32. Wilson L, Newcombe VFJ, Whitehouse DP, et al. Association of early blood-based biomarkers and six-month functional outcomes in conventional severity categories of traumatic brain injury: capturing the continuous spectrum of injury. *EBioMedicine.* 2024;107:105298.
33. Robba C, Graziano F, Picetti E, et al. Early systemic insults following traumatic brain injury: Association with biomarker profiles, therapy for intracranial hypertension, and neurological outcomes-an analysis of CENTER-TBI data. *Intensive Care Med.* 2024;50(3):371-84.
34. Hawryluk GWJ, Aguilera S, Buki A, et al. A management algorithm for patients with intracranial pressure monitoring: The Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). *Intensive Care Med.* 2019;45(12):1783-94.
35. Chesnut R, Aguilera S, Buki A, et al. A management algorithm for adult patients with both brain oxygen and intracranial pressure monitoring: The Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). *Intensive Care Med.* 2020;46(5):919-29.
36. Robba C, Graziano F, Guglielmi A, et al. Treatments for intracranial hypertension in acute brain-injured patients: grading, timing, and association with outcome. Data from the SYNAPSE-ICU study. *Intensive Care Med.* 2023;49(1):50-61.
37. Zampieri FG, Cavalcanti AB, Di Tanna GL, et al. Balanced crystalloids versus saline for critically ill patients (BEST-Living): A systematic review and individual patient data meta-analysis. *Lancet Respir Med.* 2024;12(3):237-46.
38. Wieggers EJA, Lingsma HF, Huijben JA, et al. Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and OzENTER-TBI): a prospective, multicentre, comparative effectiveness study. *Lancet Neurol.* 2021;20(8):627-38.
39. Rosenthal G, Sanchez-Mejia RO, Phan N, et al. Incorporating a parenchymal thermal diffusion cerebral blood flow probe in bedside assessment of cerebral autoregulation and vasoreactivity in patients with severe traumatic brain injury. *J Neurosurg.* 2011;114(1):62-70.
40. van den Brink WA, van Santbrink H, Steyerberg EW, et al. Brain oxygen tension in severe head injury. *Neurosurgery.* 2000;46(4):868-76; discussion 876-8.
41. Robba C, Giardiello D, Almondo C, et al. Ventilation practices in acute brain injured patients and association with outcomes: The VENTIBRAIN multicenter observational study. *Intensive Care Med.* 2025;51(2):318-31.
42. Bistrrian BR, Askew W, Erdman JW, et al. Nutrition and traumatic brain injury: A perspective from the Institute of Medicine report. *JPEN J Parenter Enteral Nutr.* 2011; 35(5):556-9.
43. Vespa P, McArthur DL, Stein N, et al. Tight glycemic control increases metabolic distress in traumatic brain injury: A randomized controlled within-subjects trial. *Crit Care Med.* 2012;40(6):1923-9.
44. Koliass AG, Adams H, Timofeev IS, et al. Evaluation of Outcomes Among Patients With Traumatic Intracranial Hypertension Treated With Decompressive Craniectomy vs Standard Medical Care at 24 Months: A Secondary Analysis of the RESCUEicp Randomized Clinical Trial. *JAMA Neurol.* 2022;79(7):664-71.
45. Raval AN, Cigarroa JE, Chung MK, et al. Management of patients on non-vitamin K antagonist oral anticoagulants in the acute care and periprocedural setting: A scientific statement from the American Heart Association. *Circulation.* 2017;135(10):e604-33.
46. Frontera JA, Lewin JJ, Rabinstein AA, et al. Guideline for reversal of antithrombotics in intracranial hemorrhage: A statement for healthcare professionals from the Neurocritical Care Society and Society of Critical Care Medicine. *Neurocrit Care.* 2016;24(1):6-46.
47. Witt DM, Nieuwlaat R, Clark NP, et al. American Society of Hematology 2018 guidelines for management of venous thromboembolism: Optimal management of anticoagulation therapy. *Blood Adv.* 2018;2(22): 3257-91.
48. Greer DM, Shemie SD, Lewis A, et al. Determination of brain death/death by neurologic criteria: The World Brain Death Project. *JAMA.* 2020;324(11):1078-97.
49. Lewis A, Bakkar A, Kreiger-Benson E, et al. Determination of death by neurologic criteria around the world. *Neurology.* 2020;95(3):e299-309.
50. Wilson JT, Pettigrew LE, Teasdale GM. Structured interviews for the Glasgow Outcome Scale and the extended Glasgow Outcome Scale: Guidelines for their use. *J Neurotrauma.* 1998;15(8):573-85.

51. Andelic N, Howe EI, Hellström T, et al. Disability and quality of life 20 years after traumatic brain injury. *Brain Behav.* 2018;8(7):e01018.
52. Ponsford J, Draper K, Schönberger M. Functional outcome 10 years after traumatic brain injury: Its relationship with demographic, injury severity, and cognitive and emotional status. *J Int Neuropsychol Soc.* 2008;14(2):233-42.
53. Kreutzer JS, Rapport LJ, Marwitz JH, et al. Caregivers' well-being after traumatic brain injury: A multicenter prospective investigation. *Arch Phys Med Rehabil.* 2009;90(6):939-46.
54. Maas AIR, Menon DK, Lingsma HF, et al. Re-orientation of clinical research in traumatic brain injury: Report of an international workshop on comparative effectiveness research. *J Neurotrauma.* 2012;29(1):32-46.

Jaypee Brothers Medical Publishers (P) Ltd.