

DAFTAR PUSTAKA

1. Daugherty J, Waltzman D, Breiding M, Peterson A, Chen J, Xu L, et al. Refinement of a Preliminary Case Definition for Use in Traumatic Brain Injury Surveillance. Vol. 39, *Journal of Head Trauma Rehabilitation*. 2024. 121–139 p.
2. Dan, G. Blazer; Jeff, Bazarian; J, D. Corrigan; Charles, C. Engel; Matthew, E. Fink; Annette, L. Fitzpatrick ; Jessica, M. Gill; Judith, Green-McKenzie ; Jeanne MH. Evaluation of the Disability Determination Process for Traumatic Brain Injury in Veterans. *Eval Disabil Determ Process Trauma Brain Inj Veterans*. 2019;
3. Haarbauer-Krupa J, Pugh MJ, Prager EM, Harmon N, Wolfe J, Yaffe K. Epidemiology of Chronic Effects of Traumatic Brain Injury. *J Neurotrauma*. 2021;38(23):3235–47.
4. Mahoklory SS, Hoda FS. Keterampilan Perawat dan Pelaksanaan Manajemen Care Bundle pada Pasien Cedera Kepala di Instalasi Gawat Darurat Kota Kupang. *J Penelit Kesehat Suara Forikes* [Internet]. 2019;10(4):281–4. Available from: <http://forikes-ejournal.com/index.php/SF>
5. Kristyaningsih, Putri; Rahmawati I. PRIMARY SURVEY PASIEN CEDERA KEPALA OLEH PERAWAT. *J Nusant Med*. 2022;38–45.
6. Riduansyah M, Zulfadhilah M, Studi P, Keperawatan S, Kesehatan F, Sari U, et al. GAMBARAN TINGKAT KESADARAN PASIEN CEDERA KEPALA MENGGUNAKAN GLASGOW COMA SCALE (GCS). *J PPNI*. 2021;05.
7. Cicilia Sari Padaruntung, Firdaus R, Hidayat A. The Correlation between Revised Trauma Score (RTS) and Head Injury Mortality in the Emergency Room. *Formosa J Sci Technol*. 2023;2(7):1789–802.
8. Fatimah F, Astilia A, Saputra N. Penggunaan Skoring Trauma Gap Score dan Revised Trauma Score (RTS) Sebagai Prediktor Mortalitas Pasien Cedera Kepala. *Heal Med J*. 2022;4(2):138–43.
9. Fonseca J, Liu X, Oliveira HP, Pereira T. Mortality prediction using medical time series on TBI patients. *Comput Methods Programs Biomed*. 2023;242(November 2022).
10. Chen CH, Shin S Do, Sun JT, Jamaluddin SF, Tanaka H, Song KJ, et al. Association between prehospital time and outcome of trauma patients in 4 Asian countries: A cross-national, multicenter cohort study. *PLoS Med* [Internet]. 2020;17(10):16–29. Available from: <http://dx.doi.org/10.1371/journal.pmed.1003360>

11. Shevelev OA, Smolensky A V., Petrova M V., Mengistu EM, Mengistu AA, VatsikGorodetskaya M V., et al. Diagnostics and prevention of sports-related traumatic brain injury complication. *Rudn J Med.* 2023;27(2):254–64.
12. Maryani N, Ulfa M. Skema Integrasi Pelatihan Prehospital Para Tim Ambulans Kota Yogyakarta. *JMM (Jurnal Masy Mandiri).* 2023;7(4):3759.
13. Dinh MM, Bein K, Roncal S, Byrne CM, Petchell J, Brennan J. Redefining the golden hour for severe head injury in an urban setting: The effect of prehospital arrival times on patient outcomes. *Injury [Internet].* 2019;44(5):606–10. Available from: <http://dx.doi.org/10.1016/j.injury.2012.01.011>
14. Kiwanuka O, Lassarén P, Thelin EP, Hånell A, Sandblom G, Fagerdahl A, et al. Long-term health-related quality of life after trauma with and without traumatic brain injury: a prospective cohort study. *Sci Rep [Internet].* 2023;13(1):1–13. Available from: <https://doi.org/10.1038/s41598-023-30082-4>
15. Liu C, Xie J, Xiao X, Li T, Li H, Bai X, et al. Clinical predictors of prognosis in patients with traumatic brain injury combined with extracranial trauma. 2021;18(II).
16. Mehmood A, Rowther AA, Kobusingye O, Ssenyonjo H, Zia N, Hyder AA. Delays in emergency department intervention for patients with traumatic brain injury in Uganda. *Trauma Surg Acute Care Open.* 2021;6(1):1–7.
17. Health R, Daugherty J, Waltzman D, Scientist B, Popat S, Groenendaal AH, et al. Challenges and Opportunities in Diagnosing and Managing Mild Traumatic Brain Injury in Rural Setting. *Rural Remote Health.* 2021;
18. Perdana D, Ihwan A, Zainuddin AA, Islam AA, Widodo D, Nasrullah N. The Effect of Minocycline on MMP-9 Levels in Traumatic Brain Injury : An Experimental Study in Wistar Rats. 2022;10:1630–3.
19. Oyesanya TO. Veterans Health Administration nurses' training and beliefs related to care of patients with traumatic brain injury. *PLoS One.* 2019;14(9):1–14.
20. Subramaniam S, Prabhakar P, Kanagaraj U, Baby P. Effect of an Educational Intervention on the Knowledge about Traumatic Brain Injury Guidelines among Clinical Nurses. *Indian J Neurotrauma.* 2022;19(02):127–31.
21. Hardianti S. Analisis Keterlambatan Golden Period pada Pasien Trauma Kepala Berat di Fasilitas Kesehatan Primer Siti Hardianti Institut Kesehatan Medistra Lubuk Pakam Severe head trauma is a major cause of global morbidity and mortality , especially in productive age. *J Keperawatan dan Fisioter.* 2023;6(1).
22. Mudatsir S, Sangkala MS, Setyawati A. RELATED FACTORS OF RESPONSE TIME IN HANDLING HEAD INJURY IN EMERGENCY

UNIT OF PROF . DR . H . M . ANWAR MAKKATUTU. 2019;2(1):1–12.

23. Promlek K, Currey J, Damkliang J, Considine J. Thai trauma nurses' knowledge of neuroprotective nursing care of traumatic brain injury patients: A survey study. *Nurs Heal Sci*. 2020;22(3):787–94.
24. Dixon J, Comstock G, Whitfield J, Richards D, Burkholder TW, Leifer N, et al. Emergency department management of traumatic brain injuries: A resource tiered review. *African J Emerg Med* [Internet]. 2020;10(3):159–66. Available from: <https://doi.org/10.1016/j.afjem.2020.05.006>
25. Patricia Zrelak BA, Eigsti J, Fetzick A, Gebhardt A, Moran C, Moyer M, et al. Evidence-Based Review: Nursing Care of Adults with Severe Traumatic Brain Injury. *Evidence-Based Rev Nurs Care Adults with Sev Trauma Brain Inj* [Internet]. 2020;3–42. Available from: www.AANN.org
26. Dixon J, Comstock G, Whitfield J, Richards D, Burkholder TW, Leifer N, et al. Emergency department management of traumatic brain injuries : A resource tiered review. *African J Emerg Med* [Internet]. 2020;10(3):159–66. Available from: <https://doi.org/10.1016/j.afjem.2020.05.006>
27. Damkliang J, Considine J, Kent B, Street M. Using an evidence-based care bundle to improve Thai emergency nurses' knowledge of care for patients with severe traumatic brain injury. *Nurse Educ Pract* [Internet]. 2015;15(4):284–92. Available from: <http://dx.doi.org/10.1016/j.nepr.2015.03.007>
28. Awad SM, Ahmed HH, Kandeel N. Integration of Evidence-Based Care Bundle in Traumatic Brain Injury Patients ' Care. 2022;10(1):34–40.
29. Fakultas R, Universitas K, Rs H, Wahidin D, Makassar S. KORELASI CT SCAN KEPALA DAN ULTRASONOGRAFI SELUBUNG SARAF OPTIK DENGAN SKOR GLASGOW COMA SCALE PADA PASIEN TRAUMA KAPITIS. 2023;12(8):103–14.
30. Neves TMA, Parreira PMSD, Graveto JMGN, Freitas MJB dos S de, Rodrigues VJL. Nurse managers' perceptions of nurse staffing and nursing care quality: A cross-sectional study. *J Nurs Manag*. 2020;(January):625–33.
31. Ismail, Oztas; alya YSO. Experiences and Challenges Faced by Nurses in Traumatic Wound Care in the Emergency Department : A Systematic and Comprehensive Review. *Res Sq*. 2024;1–16.
32. Ibrahim NM, Qalawa SAA, Mohamed NA. An In-depth analysis of nurses ' knowledge , practice , and attitude towards neurological examination and the challenges : “ bridging the gap .” 2025;
33. Begum F, Akter T, Khatun R, Chowdhury ARMM. Nurse ' s Knowledge and Practice Regarding Care of Head Injury Patients at a Selected Tertiary Care Hospital in Bangladesh. 2024;11(1):14–26.

34. Fernalia; Samsul, Fajri; S E. HUBUNGAN PENGETAHUAN DAN SIKAP PERAWAT DENGAN PENANGANAN PASIEN CIDERA KEPALA RINGAN YANG DIRAWAT DI RUANG IGD RSUD DR. M. YUNUS BENGKULU. *Journal, Malahayati Nurs Issn, P-*. 2020;2:279–92.
35. Syed A. Brain Injuries-A Cause of Alzheimers Disease & Chronic Traumatic Encephalopathy. *J Neurol Neurosurg Psychiatry Res*. 2019;1(1):1–9.
36. Lindberg DM, Stence N V., Grubenhoff JA, Lewis T, Mirsky DM, Miller AL, et al. Feasibility and accuracy of fast MRI versus CT for traumatic brain injury in young children. *Pediatrics*. 2019;144(4).
37. Madaan P, Agrawal D, Gupta D, Kumar A, Jauhari P, Chakrabarty B, et al. Clinicoepidemiologic Profile of Pediatric Traumatic Brain Injury : Experience of a Tertiary Care Hospital From Northern India. 2020;35(14):970–4.
38. Bressan S, Kochar A, Oakley E, Borland M, Phillips N, Dalton S, et al. Traumatic brain injury in young children with isolated scalp haematoma. *Arch Dis Child*. 2019;104(7):664–9.
39. Yang F, Li G, Lin B, Zhang K. Gastrodin suppresses pyroptosis and exerts neuroprotective effect in traumatic brain injury model by inhibiting NLRP3 inflammasome signaling pathway. *J Integr Neurosci*. 2022;21(2).
40. Siahaya N, Huwae LBS, Angkejaya OW, Bension JB, Tuamelly J. PREVALENSI KASUS CEDERA KEPALA BERDASARKAN KLASIFIKASI DERAJAT KEPARAHANNYA PADA PASIEN RAWAT INAP DI RSUD DR . M . Fakultas Kedokteran Universitas Pattimura Bagian Bedah RSUD Dr . M . Haulussy Ambon Corresponding author e-mail : laurahuwae@yahoo.com. *Molucca Medica*. 2020;12:14–22.
41. Khellaf A, Khan DZ, Helmy A. Recent advances in traumatic brain injury. *J Neurol* [Internet]. 2019;266(11):2878–89. Available from: <https://doi.org/10.1007/s00415-019-09541-4>
42. Lecky FE, Otesile O, Marincowitz C, Majdan M, Nieboer D, Lingsma HF, et al. The burden of traumatic brain injury from low-energy falls among patients from 18 countries in the CENTER-TBI Registry: A comparative cohort study. *PLoS Med* [Internet]. 2021;18(9):1–22. Available from: <http://dx.doi.org/10.1371/journal.pmed.1003761>
43. Crupi R, Cordaro M, Cuzzocrea S, Impellizzeri D. Management of traumatic brain injury: From present to future. *Antioxidants*. 2020;9(4):1–17.
44. Huang XF, Ma SF, Jiang XH, Song RJ, Li M, Zhang J, et al. Causes and global, regional, and national burdens of traumatic brain injury from 1990 to 2019. *Chinese J Traumatol - English Ed*. 2024;27.
45. Jiang M, Li C li, Zhang S yang, Gao X, Yang X feng. The incidence of brain trauma caused by road injuries: Results from the Global Burden of Disease

- Study 2019. *Injury*. 2023;54(12).
46. Dobson GP, Morris JL, Letson HL. Traumatic brain injury : Symptoms to systems in the 21st century. *Brain Res* [Internet]. 2024;1845:149271. Available from: <https://doi.org/10.1016/j.brainres.2024.149271>
 47. Chandra J, Tobing WL. Risk factors of mortality due to traumatic brain injury in Marsidi Judono general hospital, Belitung, Indonesia. *Indones J Neurosurg*. 2021;4(3):106–11.
 48. Yanti, Sirli Agustiani A. Faktor-faktor yang mempengaruhi kemampuan perawat dalam menangani pasien cedera kepala di igd yanti. *J Penelit Perawat Prof* [Internet]. 2022;6(November):1377–86. Available from: <https://jurnal.globalhealthsciencegroup.com/index.php/JPPP/article/view/2025/1560>
 49. Nakmofa AL, Ambarika R. Kajian Literature Faktor Yang Mempengaruhi Kemampuan Perawat IGD Dalam Penanganan Pasien Cedera Kepala. *DownloadGarudaKemdikbudGoId* [Internet]. 2023;3(3):118–25. Available from: <http://download.garuda.kemdikbud.go.id/article.php?article=3484735&val=30414&title=Kajian Literature Faktor Yang Mempengaruhi Kemampuan Perawat IGD Dalam Penanganan Pasien Cedera Kepala>
 50. Gloria Kang GJ, Ewing-Nelson SR, Mackey L, Schlitt JT, Marathe A, Abbas KM SS. Fall-related traumatic brain injury in children ages 0–4 years. *Physiol Behav*. 2019;176(1):139–48.
 51. Nurlaila N, Utami W, Waladani B, Ernawati E. Peningkatan Kemampuan Masyarakat Dalam Pola Asuh Aman Dan Pertolongan Pertama Kasus Kegawatdaruratan Pada Anak. *J EMPATI (Edukasi Masyarakat, Pengabdian dan Bakti)*. 2021;2(2):88.
 52. Widowati DT, Nugraha S, Adawiyah AR. Hubungan Faktor Risiko Lingkungan Rumah Dengan Kejadian Jatuh Pada Lansia di Kota Bandung Tahun 2022. *J Untuk Masy Sehat*. 2022;6(2):168–76.
 53. Jeon YK, Jeong J, Shin S Do, Song KJ, Kim YJ, Hong KJ, et al. The effect of age on in-hospital mortality among elderly people who sustained fall-related traumatic brain injuries at home: A retrospective study of a multicenter emergency department-based injury surveillance database. *Injury* [Internet]. 2022;53(10):3276–81. Available from: <https://doi.org/10.1016/j.injury.2022.07.036>
 54. Santing JAL, Brand CLV Den, Panneman MJM, Asscheman JS, van der Naalt J, Jellema K. Increasing incidence of ED-visits and admissions due to traumatic brain injury among elderly patients in the Netherlands, 2011–2020. *Injury*. 2023;54(8).
 55. Mäntykoski T, Iverson GL, Renko J, Kataja A, Luoto TM, Iverson GL.

- Violence-related traumatic brain injury. *Brain Inj* [Internet]. 2019;0(00):1–5. Available from: <https://doi.org/10.1080/02699052.2019.1606442>
56. Rubiano AM, Vera DS, Montenegro JH, Carney N, Clavijo A, Carreño JN, et al. Recommendations of the Colombian Consensus Committee for the Management of Traumatic Brain Injury in Prehospital, Emergency Department, Surgery, and Intensive Care (Beyond One Option for Treatment of Traumatic Brain Injury: A Stratified Protocol [BOOTStra. *J Neurosci Rural Pract*. 2020;11(1):7–22.
 57. Grigg-damberger MM. Sleep/Wake Disorders After Sports Concussion: Risks, Revelations, and Interventions. *ournal Clin Neurophysiol*. 2023;40(5).
 58. Sontakke MG, Sontakke NG, Parihar AS. Fluid Resuscitation in Patients With Traumatic Brain Injury: A Comprehensive Review. *Cureus*. 2023;15(8):6–12.
 59. Omelchenko A, Shrirao AB, Bhattiprolu AK, Zahn JD, Schloss RS, Dickson S, et al. Dynamins and reverse-mode sodium calcium exchanger blockade confers neuroprotection from diffuse axonal injury. *Cell Death Dis* [Internet]. 2019; Available from: <http://dx.doi.org/10.1038/s41419-019-1908-3>
 60. Zhang, Xiang-Sheng; Lue, Yue; Lie, Wen; Tao, Tao; Peng, Lei; Wang, Wei-Han; Gao, Seng; Liu, Chang; Zhuang, Zong; Xia, Da-Yong; ang CH. Axtaxantine ameliorates oxidative stress and neuronal apoptosis via SIRT1/NRF2/Prx2/ASK1/p38 after traumatic brain injuey. *Br Pharmacol Soc*. 2022;178:1114–32.
 61. Meng XE, Zhang Y, Li N, Fan DF, Yang C, Li H, et al. Effects of hyperbaric oxygen on the Nrf2 signaling pathway in secondary injury following traumatic brain injury. *Genet Mol Res*. 2019;15(1):1–7.
 62. Li G, Han X, Gao L, Tong W, Xue Q, Gong S, et al. Association of Anxiety and Depressive Symptoms with Memory Function following Traumatic Brain Injury. *Eur Neurol*. 2021;84(5):340–7.
 63. Tenovuo O, Diaz-Arrastia R, Goldstein LE, Sharp DJ, van der Naalt J, Zasler ND. Assessing the severity of traumatic brain injury—time for a change? *J Clin Med*. 2021;10(1):1–12.
 64. Vivaldi N, Caiola M, Solarana K, Ye M. Evaluating Performance of EEG Data-Driven Machine Learning for Traumatic Brain Injury Classification. *IEEE Trans Biomed Eng*. 2021;68(11):3205–16.
 65. Åkerlund CAI, Holst A, Stocchetti N, Steyerberg EW, Menon DK, Ercole A, et al. Clustering identifies endotypes of traumatic brain injury in an intensive care cohort: a CENTER-TBI study. *Crit Care*. 2022;26(1):1–15.
 66. Swaminathan G, Abraham AP, Mani T, Joseph M. Revisiting the Classification of Moderate and Mild Traumatic Brain Injury Based on the

- Admission Glasgow Coma Scale Score. *Indian J Neurotrauma*. 2024;21(01):043–7.
67. Bielanin JP, Metwally SAH, Paruchuri SS, Sun D. An overview of mild traumatic brain injuries and emerging therapeutic targets. *Neurochem Int* [Internet]. 2024;172(December 2023):105655. Available from: <https://doi.org/10.1016/j.neuint.2023.105655>
 68. Sah, Nandkishor P; Dr. Khan ARH. A Study Of Severe Traumatic Brain Injury At A Tertiary Care Center. *J Adv Zool*. 2023;44(1–2):472–9.
 69. Mehta R, Chinthapalli K. Glasgow coma scale explained. *BMJ*. 2019;365(May).
 70. Faried A, Baselim IM, Sendjaja AN, Arifin MZ. Cortical visual impairment as an initial clinical manifestation of post-traumatic brain injury: A case report and review of literature. *Interdiscip Neurosurg Adv Tech Case Manag*. 2019;18(April):4–7.
 71. Pratama SA. Gambaran Gejala Klinis Dan Hasil Pemeriksaan Ct Scan Kepala Pada Pasien Cedera Kepala Dengan Gcs 13-15 Di Ruang Rawat Inap Penyakit Saraf Bougenvil Rsud Dr. H. Abdul Moeloek Provinsi Lampung. *J Ilmu Kedokt dan Kesehat*. 2020;7(2):448–56.
 72. Oktora S, Oli'i EM, Sjamsudin E. <p>Penatalaksanaan kegawatdaruratan medis trauma maksilofasial pada anak disertai cedera kepala</p><p>Emergency management of maxillofacial trauma in children with a head injury</p>. *J Kedokt Gigi Univ Padjadjaran*. 2021;32(3):173.
 73. Pozzato I, Meares S, Kifley A, Craig A, Gillett M, Vu K Van, et al. Challenges in the acute identification of mild traumatic brain injuries: Results from an emergency department surveillance study. *BMJ Open*. 2020;10(2):1–11.
 74. Pradeep N, Chandan GB, Nagaradh K. Head injury related ocular manifestations : A multicenter study. 2020;6(3):152–7.
 75. Özgültekin A. Analysis Of The Adult Traumatic Brain Injury Patients, Experiences of Neurosurgery and Intensive Care Unit. *Haydarpasa Numune Train Res Hosp Med J*. 2020;60(1):35–40.
 76. Aljefri A, Shaikh A, Alqazlan Z, Hawsawi Z, Al Senan R, Aljohani W, et al. Emergency Management of Traumatic Brain Injuries Current Guideline and New Developments. *J Healthc Sci*. 2023;03(08):269–74.
 77. Lin TY, Chien KH. Delayed Onset Bilateral Papilledema in a Young Boy's Eyes after Trauma. *Med*. 2022;58(1).
 78. Kim HK, Lee YS, Jung WJ, Cha YS, Cha K chul. Effect of trauma center operation on emergency care and clinical outcomes in patients with traumatic brain injury. 2023;36(1):22–31.

79. Andrzejewska A, Sołek-pastuszka J, Jurczak A. The Effects of Neuromonitoring and Cerebrolysin Administration on Outcomes in Patients with Traumatic Brain Injury — An Interventional Pilot Study. 2024;
80. Rogan A, Patel V, Birdling J, Lockett J, Simmonds H, Mcquade D, et al. Acute traumatic brain injury and the use of head computed tomography scans in the emergency department. 2021;1–10.
81. AlMarzooq AM. Emergency Department Nurses' Knowledge Regarding Triage. *Int J Nurs*. 2020;7(2):29–44.
82. Hsu S der, Chao E, Chen S jou, Hueng D yuan, Lan H yun, Chiang H hsun. Machine Learning Algorithms to Predict In-Hospital Mortality in Patients with Traumatic Brain Injury. 2021;
83. Tan Chor Lip H, Tan JH, Mohamad Y, Ariffin AC, Imran R, Azmah Tuan Mat TN. Clinical characteristics of 1653 injured motorcyclists and factors that predict mortality from motorcycle crashes in Malaysia. *Chinese J Traumatol - English Ed*. 2019;22(2):69–74.
84. Ariaka H, Kiryabwire J, Hussein S, Ogwal A, Nkonge E, Oyania F. A Comparison of the Predictive Value of the Glasgow Coma Scale and the Kampala Trauma Score for Mortality and Length of Hospital Stay in Head Injury Patients at a Tertiary Hospital in Uganda: A Diagnostic Prospective Study. *Surg Res Pract*. 2020;2020:1–9.
85. Mourão FA, Porto FR. Glasgow Coma Scale: assessing consciousness for 50 years. *Contrib a Las Ciencias Soc*. 2024;17(2):e5040.
86. Aldarwish TM, Alowaidhi MA, Alghamdi NA, Hammad AM Al, Aljikhlib MI, Alkhadhrawi MM, et al. Difference and efficacy of simplified motor scale compared to Glasgow coma scale. *Int J Community Med Public Heal*. 2021;9(1):327.
87. Yaqoob U, Javeed F, Rehman L, Pahwani M, Madni S, Uddin MM. Emergency Department Outcome of Patients with Traumatic Brain Injury – A Retrospective Study from Pakistan. *Pakistan J Neurol Surg*. 2021;25(2):237–44.
88. Boltey EM, Iwashyna TJ, Hyzy RC, Watson SR, Ross C, Costa DK. Ability to predict team members' behaviors in ICU teams is associated with routine ABCDE implementation. *J Crit Care [Internet]*. 2019;51:192–7. Available from: <https://doi.org/10.1016/j.jcrc.2019.02.028>
89. Linders M, Binkhorst M, Draaisma JMT, van Heijst AFJ, Hogeveen M. Adherence to the ABCDE approach in relation to the method of instruction: a randomized controlled simulation study. *BMC Emerg Med*. 2021;21(1):1–11.
90. Watson X, Thomas T, Puntis M. Traumatic brain injury: initial resuscitation and transfer. *Anaesth Intensive Care Med [Internet]*. 2020;21(6):282–4.

Available from: <https://doi.org/10.1016/j.mpaic.2020.03.010>

91. Qutob R, Almutairy LS, Altamimi AM, Almehaideb LA, Alshehri KA, Alaryni A, et al. Physicians' Knowledge of the Systematic ABCDE Approach in Riyadh, Saudi Arabia. *J Multidiscip Healthc*. 2024;17(March):1179–88.
92. Rakhit S, Nordness MF, Lombardo SR, Cook M, Smith L, Patel MB. Management and Challenges of Severe Traumatic Brain Injury. *Semin Respir Crit Care Med*. 2021;42(1):127–44.
93. Riemann L, Alhalabi OT, Unterberg AW, Younsi A. Concomitant spine trauma in patients with traumatic brain injury: Patient characteristics and outcomes. *Front Neurol*. 2022;13.
94. Churiwala J, Garale MN, Kawale J, Dandpat SK, Mahore A. Risk factors of deterioration in patients of head injury with non-operative management on first neurosurgical consultation. *J Neurosci Rural Pract*. 2023;14(1):28–34.
95. Abujaber A, Fadlalla A, Gammoh D, Abdelrahman H, Mollazehi M, Id AE menyar. Using trauma registry data to predict prolonged mechanical ventilation in patients with traumatic brain injury: Machine learning approach. 2020;1–17. Available from: <http://dx.doi.org/10.1371/journal.pone.0235231>
96. Yang Y, Peng Y, He S, Wu J, Xie Q, Ma Y. The Clinical Differences of Patients With Traumatic Brain Injury in Plateau and Plain Areas. *Front Neurol*. 2022;13(April):1–9.
97. Krishtafor AA. RESPIRATORY SUPPORT IN SEVERE TRAUMATIC BRAIN INJURY (literature review). 2022;39–43.
98. Wang HE, Hu C, Barnhart BJ, Jansen JO, Moeller K, Spaite DW. Changes in neurologic status after traumatic brain injury in the Resuscitation Outcomes Consortium Hypertonic Saline trial. *JACEP Open* . 2024;5(2):4–11.
99. Bakhru RN, Propert KJ, Kawut SM, Schweickert WD. A Survey of Implementation of ABCDE Protocols. 2023;38(1):86–94.
100. Crescenzo LA De, Gabella BA, Johnson J. Interrupted time series design to evaluate ICD-9-CM to ICD-10-CM coding changes on trends in Colorado emergency department visits related to traumatic brain injury. 2021;4–9.
101. Abujaber A, Fadlalla A, Gammoh D, Abdelrahman H, Mollazehi M, El-Menyar A. Prediction of in-hospital mortality in patients on mechanical ventilation post traumatic brain injury: machine learning approach. *BMC Med Inform Decis Mak*. 2020;20(1):1–10.
102. Demlie TA, Alemu MT, Messelu MA, Wagnew F, Mekonen EG. Incidence and predictors of mortality among traumatic brain injury patients admitted to

- Amhara region Comprehensive Specialized Hospitals, northwest Ethiopia, 2022. *BMC Emerg Med.* 2023;23(1):1–11.
103. Muili AO, Kuol PP, Jobran AWM, Lawal RA, Agamy AA, Bankole NDA. Management of traumatic brain injury in Africa: challenges and opportunities. *Int J Surg.* 2024;110(6):3760–7.
 104. Bailey ZS, Leung LY, Yang X, Cardiff K, Gilsdorf J, Shear D, et al. Prehospital Whole Blood Resuscitation Reduces Fluid Requirement While Maintaining Critical Physiology in a Model of Penetrating Traumatic Brain Injury and Hemorrhage: Implications on Resource-Limited Combat Casualty Care. *Shock.* 2021;55(4):545–53.
 105. Hallan DR. Blood Pressure Control in Traumatic Subdural Hematomas. 2022;14(10):14–9.
 106. Asmar S, Chehab M, Bible L, Khurram M, Castanon L, Ditillo M, et al. ScienceDirect The Emergency Department Systolic Blood Pressure Relationship After Traumatic Brain Injury. *J Surg Res [Internet].* 2020;257:493–500. Available from: <https://doi.org/10.1016/j.jss.2020.07.062>
 107. Promlek K, Mns RN, Rn JC. Evidence – practice gaps in initial neuro-protective nursing care: A mixed methods study of Thai patients with moderate or severe traumatic brain injury. 2020;(June):1–9.
 108. Berg H, Prasolova-Førland E, Steinsbekk A. Developing a virtual reality (VR) application for practicing the ABCDE approach for systematic clinical observation. *BMC Med Educ.* 2023;23(1):1–10.
 109. Chan V, Estrella MJ, Syed S, Lopez A, Shah R, Colclough Z, et al. Rehabilitation among individuals with traumatic brain injury who intersect with the criminal justice system: A scoping review. *Front Neurol.* 2023;13.
 110. Purvis T, Middleton S, Craig LE, Kilkenny MF, Dale S, Hill K, et al. Inclusion of a care bundle for fever, hyperglycaemia and swallow management in a National Audit for acute stroke: Evidence of upscale and spread. *Implement Sci.* 2019;14(1):1–11.
 111. Pun BT, Balas MC, Barnes-Daly MA, Thompson JL, Aldrich JM, Barr J, et al. Caring for Critically Ill Patients with the ABCDEF Bundle: Results of the ICU Liberation Collaborative in Over 15,000 Adults. *Crit Care Med.* 2019;47(1):3–14.
 112. Chowdhury YA, Stevens AR, Soon WC, Toman E, Veenith T. Cerebrospinal Fluid Diversion for Refractory Intracranial Hypertension: A United Kingdom and Ireland Survey on Practice Variation. 2022;14(6).
 113. Wettervik TS, Howells T, Engström ER, Hillered L, Lewén A. High Arterial Glucose is Associated with Poor Pressure Autoregulation, High Cerebral Lactate / Pyruvate Ratio and Poor Outcome Following Traumatic Brain

- Injury. *Neurocrit Care* [Internet]. 2019;31(3):526–33. Available from: <https://doi.org/10.1007/s12028-019-00743-2>
114. Poudel S, Rimal A, Shrestha N, Gurung A, Shrestha A. Effect of intravenous administration of 20% Mannitol on optic nerve sheath diameter in patients with raised intracranial pressure. *J Nepal Soc Crit Care Med*. 2023;1(1):7–12.
 115. Tang J, Zhong Z, Nijiati M, Wu C. Establishment and external validation of a nomogram for predicting 28-day mortality in patients with skull fracture. *Front Neurol*. 2023;14(1).
 116. Zhong Y, Sun H, Jing W, Liao L, Huang J, Ma J, et al. Association between serum creatinine and 30 days all-cause mortality in critically ill patients with non-traumatic subarachnoid hemorrhage: analysis of the MIMIC-IV database. *Front Neurol* . 2024;15(March):1–12.
 117. Hicks AJ, Clay FJ, Hopwood M, James AC, Jayaram M, Perry LA, et al. The Efficacy and Harms of Pharmacological Interventions for Aggression After Traumatic Brain Injury—Systematic Review. *Front Neurol*. 2019;10(November).
 118. Abdulla E, Agrawal A, Cincu R, Janjua T, Moscote-Salazar LR. Cooperative Sedation in Moderate Traumatic Brain Injury: A Tool for Neurocritical Care Management. *J Neurointensive Care*. 2023;6(1):67–8.
 119. Hatfield J, Soto AL, Kelly-Hedrick M, Kaplan S, Komisarow JM, Ohnuma T, et al. Safety, Efficacy, and Clinical Outcomes of Dexmedetomidine for Sedation in Traumatic Brain Injury: A Scoping Review. *J Neurosurg Anesthesiol*. 2024;36(2):101–8.
 120. Rogan A, Birdling J, Simmonds H, Lockett J, Mcquade D, Larsen P. Acute traumatic brain injury presentations and the use of head CT scans in the Emergency Department. 2020;1–19. Available from: <https://doi.org/10.21203/rs.3.rs-51284/v1>
 121. Zimmermann, Lara MD; Tran, Debora; Lovett, E Marlina; Mangat, Halinder; Poblete R. Emergency Neurological Life Support Traumatic Brain Injury Protocol Version 5.0. 2022;(April):2–33.
 122. Zhang D, Sheng Y, Wang C, Chen W. Global traumatic brain injury intracranial pressure: from monitoring to surgical decision. 2024;(September):1–8.
 123. Notoatmodjo. *Pengertian Pengetahuan dan Tingkat pengetahuan. Pengetahuan Menurut Notoatmodjo*. 2010.
 124. Darsini; Fahrurozi; Cahyono EA. PENGETAHUAN ; ARTIKEL REVIEW. 2019;12(1):95–107.
 125. Zubairi AM. The State of Internet-Assisted Language Learning (IALL)

- Knowledge among English Major Students in a Yemeni Public University. 2020;1:18–31.
126. Abdullah, Karimuddin; Jannah, Mifbahul; Aiman, Ummul; Hasda, Suryadin; Fadilla, Zahara; Taqwin; Masita; Ardiawan, Ketut N; Sari M. METODOLOGI PENELITIAN KUANTITATIF. 2021.
 127. Soesana, Abigail; Subakti, Hani; Karwanto; Fitri, Anisa; Kuswandi, Sony; Sastri, Lena; Falani, Ilham; Aswan, Novita; Hasibuhan, Ferawati A; Lestari H. Metodologi Penelitian Kuantitatif. 2023.
 128. Sugiyono. Metode Penelitian Kuantitatif Kualitatif dan R&D [Internet]. Vol. 11, Sustainability (Switzerland). 2019. 1–467 p. Available from: http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regsciurbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM_PEMBETUNGAN_TERPUSAT_STRATEGI_MELESTARI
 129. Arikunto S. PROSEDUR PENELITIAN PENDEKATAN SUATU PRAKTIK. 2010.
 130. Nursalam N. Metodologi Penelitian Ilmu Keperawatan: Pendekatan Praktis. In Metodologi Penelitian Ilmu Keperawatan: Pendekatan Praktis (4th ed.). Jakarta. Metodologi Penelitian Ilmu Keperawatan: Pendekatan Praktis. 2015. 454 p.
 131. World Health Organization (WHO); European Observatory on Health Systems and Policies. How does healthy ageing affect economic growth in Japan ? 2020;
 132. PERMENKES. Peraturan Menteri Kesehatan No 40 Tahun 2017. 2017;
 133. Lydersen S. Mean and standard deviation or median and quartiles? Tidsskr Den Nor legeforening [Internet]. 2020;140(9):1–3. Available from: <https://tidsskriftet.no/en/2020/06/medisin-og-tall/mean-and-standard-deviation-or-median-and-quartiles>
 134. Beaton DE, Bombardier C, Guillemin F, Ferraz MB. Guidelines for the Process of Cross-Cultural Adaptation of Self-Report Measures. 2000;25(24):3186–91.
 135. Ruel, Erin, Wagner, William E., & Gillespie BJ. Pretesting and Pilot Testing 101. 2016;101–19.
 136. Janna NM, Herianto. Artikel Statistik yang Benar. J Darul Dakwah Wal-Irsyad. 2021;(18210047):1–12.
 137. Shrotryia VK, Dhanda U. Content Validity of Assessment Instrument for Employee Engagement. SAGE Open. 2019;9(1).
 138. Wahab A, Syahid A, Junaedi J. Penyajian Data Dalam Tabel Distribusi Frekuensi Dan Aplikasinya Pada Ilmu Pendidikan. Educ Learn J.

2021;2(1):40.

139. Hair J, R A, Babin B, Black W. *Multivariate Data Analysis.pdf*. Vol. 7 edition, Australia : Cengage. 2014. p. 758.
140. Putra S, Jailani MS, Nasution FH. Penerapan Prinsip Dasar Etika Penelitian Ilmiah. 2023;7:27876–81.
141. Hansen. *Etika Penelitian: Teori dan Praktik Manajemen Kontrak Konstruksi View project*. Pod Univ Press [Internet]. 2023;(January):1. Available from: <https://www.researchgate.net/publication/367530183>
142. Hatmanti NM, Puspitasari N, Zahroh C, Winoto PMP. Faktor-Faktor Yang Berhubungan Dengan Tingkat Stres Kerja Perawat Di Ruang IGDRSPAL Dr Ramelan Surabaya. *J Keperawatan Muhammadiyah*. 2023;8(2):178–83.
143. Puspitasari DI, Suprayitno E, Bustami B. Tingkat Stres Kerja Perawat Instalasi Gawat Darurat pada Masa Pandemi Covid-19. *Wiraraja Med J Kesehat*. 2021;11(1):25–9.
144. Shen, Jinhua; Guo, Yafen, MD, Chen, Xiang; BD, Tong, Li B. Male nurses' work performance. *Medicine (Baltimore)*. 2022;31(October 2021):1–6.
145. Khairari ND. The Initial Assessment of Nurse Knowledge to Response Time in Traffic Accident Case. *Media Keperawatan Indones*. 2021;4(2):127.
146. Rochani S. Hubungan Tingkat Pendidikan dan Lama Kerja dengan Waktu Tanggap Perawat di Instalasi Gawat Darurat RSUD Dr. Adjidarmo Rangkasbitung. *J Kesehat Saelmakers* [Internet]. 2021;4(2):221–9. Available from: <https://journal.ukmc.ac.id/index.php/joh/article/view/269>
147. Wandira F, Andoko A, Gunawan MR. Hubungan Tingkat Pendidikan dan Masa Kerja dengan Keterampilan Perawat Dalam Melakukan Komunikasi Terapeutik di Ruang Instalasi Gawat Darurat (IGD) Rumah Sakit Pertamina Bintang Amin. *Malahayati Nurs J*. 2022;4(11):3155–67.
148. Galuh A, Viana V, Agustin WR, Prodi M, Keperawatan S, Kusuma U, et al. RELATIONSHIP OF NURSE ACCURACY IN PRIMARY SURVEY WITH SUCCESSFUL RELATIONSHIP OF HEAD TRAUMA PATIENTS IN ISLAMIC GENERAL HOSPITAL ER CLEAR FLOOD. 2021;18.
149. Pipin, Yunus; Arifin U, Haslinda D, Kristin T. HUBUNGAN PENGETAHUAN PERAWAT DENGAN PENANGANAN AWAL PASIEN CIDERA KEPALA DI IGD RSUD M.M DUNDA LIMBOTO. 2025;7.
150. Gustini G, Situmeang L, Syaharuddin S, Prasetyowati P, Suprpto S. Education has a significant effect on the performance of implementing nurses in hospitals. *J Ilm Kesehat Sandi Husada*. 2024;13(1):111–6.
151. Tondang, Gryttha; Silalaban PA. GAMBARAN PELAYANAN PERAWAT DALAM MELAKSANAKAN PROSEDUR RESPONSE TIME (WAKTU

TANGGAP) PADA PASIEN GAWAT DARURAT DI INSTALASI GAWAT DARURAT (IGD) RS SANTA ELISABETH MEDAN TAHUN 2023. *J Cakrawala Ilm.* 2023;3(1):123–8.

152. Norhidayat MHS. HUBUNGAN PELATIHAN, LAMA KERJA DAN KONDISI PASIEN DENGAN RESPONSE TIME PERAWAT DI INSTALASI GAWAT DARURAT. *IpM2Kpe.* 2023;5:176–82.
153. Prakoeswa AC, Arofiati F, Hidayah N. The effect of basic trauma and cardiac life support training in increasing the competence of emergency room nurses. *J Ners.* 2022;17(1):8–13.
154. Badaruddin, Adiaksa BW, Fatmawati F. Factors related to the knowledge of implementing nurses in handling emergency patients. *J Ilm Kesehat Sandi Husada.* 2025;14(1):183–91.
155. Aros ON, Meldasari J, Urbaningrum V, Tumewu Y. Hubungan pengetahuan dengan kemampuan perawat dalam penatalaksanaan kegawatdaruratan jalan nafas pada pasien cedera kepala berat di igd rsud undata provinsi sulawesi tengah. 2023;4(September):4438–47.
156. Yulianti Bisri D, Bisri T. Apa yang Baru dalam Neuroanestesi untuk Cedera Otak Traumatik? *J Neuroanestesi Indones.* 2022;11(1):58–65.
157. Dhaneswara Patya T, Febri W, Program R, Keperawatan S, Kesehatan I. Asuhan keperawatan pada pasien trauma kepala dengan masalah penurunan kapasitas adaptif intrakranial di IGD RSUP Dr. Sardjito. *Pros Semin Nas Penelit dan Pengabd Masy.* 2025;3(22):22–2025.
158. Burnol L, Payen JF, Francony G, Skaare K, Manet R, Morel J, et al. Impact of Head-of-Bed Posture on Brain Oxygenation in Patients with Acute Brain Injury: A Prospective Cohort Study. *Neurocrit Care* [Internet]. 2021;35(3):662–8. Available from: <https://doi.org/10.1007/s12028-021-01240-1>
159. Hawryluk, Gregory W.J; Lulla, all; Bell, Randy; Jagoda, An; Mangat, S Halinder; Bobrow, J Bentley; Ghajar J. *Guidelines for Prehospital Management of Traumatic Brain Injury 3rd Edition: Executive Summary.* 2023;93(6):159–69.
160. Cnossen MC, Huijben JA, van der Jagt M, Volovici V, van Essen T, Polinder S, et al. Variation in monitoring and treatment policies for intracranial hypertension in traumatic brain injury: A survey in 66 neurotrauma centers participating in the CENTER-TBI study. *Crit Care.* 2017;21(1):1–12.
161. Chen Y, Li Z, Yang M, Shui J, Yue R. Does synbiotic supplementation affect body weight, body mass index, and high-sensitivity C-reactive protein levels in patients with type 2 diabetes? Protocol for a systematic review and meta-analysis. *Med (United States).* 2019;98(49).
162. Susanto M. Terapi Hiperosmolar dalam Tata Laksana Cedera Otak

- Traumatis. *Cermin Dunia Kedokt.* 2022;49(8):451–7.
163. Kim JJ, Gean AD. Imaging for the Diagnosis and Management of Traumatic Brain Injury. *Neurotherapeutics.* 2019;8(1):39–53.
 164. Figueiredo R, Castro C, Fernandes JB. Nursing Interventions to Prevent Secondary Injury in Critically Ill Patients with Traumatic Brain Injury: A Scoping Review. *J Clin Med.* 2024;13(8).
 165. Wijanarka A, Dwiprahasto I. Implementasi Clinical Governance : Pengembangan Indikator Klinik Cedera Kepala Di Instalasi Gawat Darurat. *Jmpk.* 2024;08(04):213–20.
 166. Shah R, Streat DA, Auerbach M, Shabanova V, Langan ML. Improving Capnography Use for Critically Ill Emergency Patients: An Implementation Study. *J Patient Saf.* 2022;18(1):E26–32.
 167. Considine J, Fry M, Curtis K, Shaban RZ. Systems for recognition and response to deteriorating emergency department patients: a scoping review. *Scand J Trauma Resusc Emerg Med.* 2021;29(1):1–10.
 168. Shewiyo EJ, Njau R, de Oliveira NN, Sumbai FG, O’Leary P, Shayo F, et al. The older the injured, the worse the outcomes: A comparison of injury patterns and in-hospital outcomes between younger and older adult trauma patients at a tertiary hospital in Northern Tanzania. *PLOS Glob Public Heal* [Internet]. 2025;5(6 June):1–12. Available from: <https://doi.org/10.1371/journal.pgph.0004547>
 169. Zhu S, Yang Y, Long B, Tong L, Shen J, Zhang X. Modified Early Warning Score (MEWS) combined with biomarkers in predicting 7-day mortality in traumatic brain injury patients in the emergency department: a retrospective cohort study. *PeerJ.* 2025;13(2).
 170. Mahoklory SS. Analisis Faktor Yang Mempengaruhi Perawat Dalam Melakukan Manajemen Care Bundle Pada Pasien Cedera Kepala Di Instalasi Gawat Darurat Wilayah Kupang [Internet]. 2018. Available from: <http://repository.ub.ac.id/id/eprint/190766/>
 171. Jha RM. Intracranial Pressure Monitoring in Traumatic Brain Injury - A Tool of the Trade or One That Betrays Us? *JAMA Netw Open.* 2023;6(9):E2334190.
 172. Li G, Li W, Chen J, Zhao S, Bai Z, Liu Q, et al. Noninvasive real-time assessment of intracranial pressure after traumatic brain injury based on electromagnetic coupling phase sensing technology. *BMC Neurol.* 2021;21(1):1–11.
 173. Damkliang J, Nursing MNSA, Considine J, Kent B. Thai emergency nurses ’ management of patients with severe traumatic brain injury : Comparison of knowledge and clinical management with best available evidence. *Australas Emerg Nurs J* [Internet]. 2013;16(4):127–35. Available from:

<http://dx.doi.org/10.1016/j.aenj.2013.09.001>

174. Kayambankadzanja RK, Samwel R, Baker T. Pragmatic sedation strategies to prevent secondary brain injury in low-resource settings. 2022;77:43–8.
175. Susanto H, Lee TY. Mediating Effect of Self-Efficacy in Pain Management between Knowledge and Attitude of Pain toward Pain Management Practice among Nurses in Indonesia. *South East Asia Nurs Res.* 2024;6(1):7.
176. Elbiaa MA, Ahmed HA, Elsayed SM. Original Article Emergency Nurses ' Barriers for Assessing and Managing Pain. 2021;12(3):2013–21.