

DAFTAR PUSTAKA

1. Halaweish I, Alam HB. Changing demographics of the american population. *Surgical Clinics of North America*. 2015;95(1):1-10. doi:10.1016/j.suc.2014.09.002
2. Nations U, of Economic D, Affairs S, Division P. *World Population Prospects: The 2010 Revision, Volume I: Comprehensive Tables.*; 2010. Accessed December 2, 2024. https://www.un.org/en/development/desa/population/publications/pdf/trends/WPP2010/WPP2010_Volume-I_Comprehensive-Tables.pdf
3. De Simone B, Chouillard E, Podda M, et al. The 2023 WSES guidelines on the management of trauma in elderly and frail patients. *World Journal of Emergency Surgery*. 2024;19(1). doi:10.1186/s13017-024-00537-8
4. Committee on Trauma. Best Practices Guidelines : Geriatric Trauma Management. *ACS Trauma Programs*. Published online September 2023:1-86. doi:10.1097/TA.0000000000000656
5. Committee on Trauma. *Regional Trauma Systems: Optimal Elements, Integration, And Assessment Systems Consultation Guide Committee On Trauma American College Of Surgeons Trauma System Evaluation And Planning Committee*. (Trauma System Evaluation and Planning Committee, ed.). American College of Surgeons; 2008.
6. Kojima M, Endo A, Shiraishi A, Otomo Y. Age-Related Characteristics and Outcomes for Patients With Severe Trauma: Analysis of Japan's Nationwide Trauma Registry. *Ann Emerg Med*. 2019;73(3):281-290. doi:10.1016/j.annemergmed.2018.09.034

7. Giannoudis P V., Harwood PJ, Court-Brown C, Pape HC. Severe and multiple trauma in older patients; incidence and mortality. *Injury*. 2009;40(4):362-367.
doi:10.1016/j.injury.2008.10.016
8. Tisherman SA, Barie P, Bokhari F, et al. Clinical practice guideline: Endpoints of resuscitation. *Journal of Trauma - Injury, Infection and Critical Care*. 2004;57(4):898-912. doi:10.1097/01.TA.0000133577.25793.E5
9. Thompson CM, Maier R V. Management of Shock. In: Moore EE, Feliciano D V, Mattox KL, eds. *Trauma, 8e*. McGraw-Hill Education; 2017.
accesssurgery.mhmedical.com/content.aspx?aid=1141186320
10. Ahmad OB, Boschi-Pinto C, Lopez Christopher AD, Murray JL, Lozano R, Inoue M. *AGE STANDARDIZATION OF RATES: A NEW WHO STANDARD.*; 2001.
11. Kementerian Kesehatan Republik Nasional. Rencana Aksi Nasional Kesehatan Lanjut Usia Tahun 2016-2019. 2016;(No. 25 Tahun 2016). Accessed December 10, 2024.
http://hukor.kemkes.go.id/uploads/produk_hukum/PMK_No._25_ttg_Rencana_Aksi_Nasional_Kesehatan_Lanjut_Usia_Tahun_2016-2019_.pdf
12. The Committee On Trauma. Geriatric Trauma. 2018;10th edition(American College Of Surgeons):215-224.
13. Halter JB, Ouslander JG, Studenski S, et al. *Hazzard's Geriatric Medicine and Gerontology.*; 2017.
14. The Committee on Trauma. Shock. 2018;10th edition(American College Of Surgeons):43-61.

15. Champion H, Moore L, Vickers R. Injury Severity Scoring and Outcomes Research. In: Moore EE, Feliciano D V, Mattox KL, eds. *Trauma*, 8e. McGraw-Hill Education; 2017. accesssurgery.mhmedical.com/content.aspx?aid=1141185403
16. Kim JG, Choi HY, Kang GH, et al. Prognostic Association between Injury Severity Score and the Outcomes of Elderly Patients with Trauma in South Korea. *J Pers Med*. 2024;14(7). doi:10.3390/jpm14070674
17. Chawla LS, Nader A, Nelson T, et al. *Utilization of Base Deficit and Reliability of Base Deficit as a Surrogate for Serum Lactate in the Peri-Operative Setting.*; 2010. <http://www.biomedcentral.com/1471-2253/10/16>
18. Davis JW, Sue LP, Dirks RC, et al. Admission base deficit is superior to lactate in identifying shock and resuscitative needs in trauma patients. *Am J Surg*. 2020;220(6):1480-1484. doi:10.1016/j.amjsurg.2020.10.005
19. Mutschler M, Nienaber U, Brockamp T, et al. Renaissance of base deficit for the initial assessment of trauma patients: A base deficit-based classification for hypovolemic shock developed on data from 16,305 patients derived from the TraumaRegister DGU®. *Crit Care*. 2013;17(2). doi:10.1186/cc12555
20. van Wessem KJP, Hietbrink F, Leenen LPH. Early correction of base deficit decreases late mortality in polytrauma. *European Journal of Trauma and Emergency Surgery*. 2024;50(1):121-129. doi:10.1007/s00068-022-02174-9

- 
21. Convertino VA, Wirt MD, Glenn JF, Lein BC. The compensatory reserve for early and accurate prediction of hemodynamic compromise: A review of the underlying physiology. *Shock*. 2016;45(6):580-590. doi:10.1097/SHK.0000000000000559
22. Cannon CM, Braxton CC, Kling-Smith M, Mahnken JD, Carlton E, Moncure M. Utility of the shock index in predicting mortality in traumatically injured patients. *Journal of Trauma - Injury, Infection and Critical Care*. 2009;67(6):1426-1430. doi:10.1097/TA.0b013e3181bbf728
23. Zarza BL, Croce MA, Fischer PE, Magnotti LJ, Fabian TC. New Vitals After Injury: Shock Index for the Young and Age $\times$ Shock Index for the Old. *Journal of Surgical Research*. 2008;147(2):229-236. doi:10.1016/j.jss.2008.03.025
24. Balhara KS, Hsieh YH, Hamade B, Circh R, Kelen GD, Bayram JD. Clinical metrics in emergency medicine: The shock index and the probability of hospital admission and inpatient mortality. *Emergency Medicine Journal*. 2017;34(2):89-94. doi:10.1136/emmermed-2015-205532
25. Kim SY, Hong KJ, Shin S Do, et al. Validation of the shock index, modified shock index, and age shock index for predicting mortality of geriatric trauma patients in emergency departments. *J Korean Med Sci*. 2016;31(12):2026-2032. doi:10.3346/jkms.2016.31.12.2026
26. Economic and Social Commission for Asia and the Pacific. *AGEING IN ASIA AND THE PACIFIC: KEY FACTS Japan Section I: Demographic Indicators.*; 2023.

- Accessed December 17, 2024. <https://www.population-trends-asiapacific.org/data/JPN?op=print>
27. Economic and Social Commission for Asia and the Pacific. *AGEING IN ASIA AND THE PACIFIC: KEY FACTS Indonesia Section I: Demographic Indicators.*; 2023. Accessed December 17, 2024. <https://www.population-trends-asiapacific.org/data/IDN?op=print>
28. Savitri WP, Indawati R. Estimasi Risiko Pada Lanjut Usia Yang Mengalami Kecelakaan Lalu Lintas Di Kota Surabaya. *Jurnal Biometrika dan Kependudukan.* 2012;Volume 1(Departemen Biostatistika dan Kependudukan FKM UNAIR):52-61.
29. Badan Penelitian dan Pengembangan Kesehatan. Riset Kesehatan Dasar. 2013;(Kementerian Kesehatan RI). Accessed December 10, 2024. https://repository.badankebijakan.kemkes.go.id/id/eprint/4467/1/Laporan_riskesdas_2013_final.pdf
30. Callaway DW, Shapiro NI, Donnino MW, Baker C, Rosen CL. Serum lactate and base deficit as predictors of mortality in normotensive elderly blunt trauma patients. *Journal of Trauma - Injury, Infection and Critical Care.* 2009;66(4):1040-1044. doi:10.1097/TA.0b013e3181895e9e
31. Khojasteh-kaffash S, Kazemi Motlaq A, Amouzeschi A, Foogherdi M. Evaluation of the predictive role of base deficit in morbidity and mortality in elderly trauma in birjand, iran in 2018-2019. *Journal of Surgery and Trauma.* 2023;11(1):28-34. doi:10.61186/jsurgtrauma.11.1.28

32. Lee K, Jang JS, Kim J, Suh YJ. Age shock index, shock index, and modified shock index for predicting postintubation hypotension in the emergency department. *American Journal of Emergency Medicine*. 2020;38(5):911-915. doi:10.1016/j.ajem.2019.07.011
33. Gökçek K, Gökçek A, Demir A, Yıldırım B, Acar E, Alataş ÖD. In-hospital mortality of acute pulmonary embolism: Predictive value of shock index, modified shock index, and age shock index scores. *Medicina Clínica (English Edition)*. 2022;158(8):351-355. doi:https://doi.org/10.1016/j.medcle.2021.04.028
34. Lalwani S, Gera S, Sawhney C, Mathur P, Lalwani P, Misra M. Mortality profile of geriatric trauma at a level 1 trauma center. *J Emerg Trauma Shock*. 2020;13(4):269-273. doi:10.4103/JETS.JETS_102_18
35. Carteri RB, Padilha M, de Quadros SS, Cardoso EK, Grellert M. Shock index and its variants as predictors of mortality in severe traumatic brain injury. *World J Crit Care Med*. 2024;13(1). doi:10.5492/wjccm.v13.i1.90617
36. Plott C, Harb T, Arvanitis M, Gerstenblith G, Blumenthal R, Leucker T. Neurocardiac Axis Physiology and Clinical Applications. *IJC Heart and Vasculature*. 2024;54. doi:10.1016/j.ijcha.2024.101488