

DAFTAR PUSTAKA

1. Feigin VL, Brainin M, Norrving B, Martins SO, Pandian J, Lindsay P, et al. World Stroke Organization: Global Stroke Fact Sheet 2025. *Int J Stroke*. 2025;20:132–144.
2. Feigin VL, Stark BA, Johnson CO, Roth GA, Bisignano C, Abady GG, et al. Global, regional, and national burden of stroke and its risk factors, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Neurol*. 2021 Oct;20(10):795–820.
3. Sacco RL, Kasner SE, Broderick JP, Caplan LR, Connors JJ, Culebras A, et al. An updated definition of stroke for the 21st century: A statement for healthcare professionals from the American heart association/American stroke association. *Stroke*. 2013;44(7):2064–89.
4. Sebastian IA, Gandhi DBC, Sylaja PN, Paudel R, Kalkonde Y V., Yangchen Y, et al. Stroke systems of care in South-East Asia Region (SEAR): commonalities and diversities. Vol. 17, *The Lancet Regional Health - Southeast Asia*. Elsevier Ltd; 2023.
5. Yudhianto K. Laporan Survey Kesehatan Riset Kesehatan Dasar Koordinator Wilayah I Tahun Anggaran 2018. Jakarta: Badan Litbangkes; 2018.
6. Utama YA, Nainggolan SS. Faktor Risiko yang Mempengaruhi Kejadian Stroke: Sebuah Tinjauan Sistematis. *Jurnal Ilmiah Universitas Batanghari Jambi*. 2022 Mar 4;22(1):549.
7. Wang Y, Huang X, Liu J, Zhao X, Yu H, Cai Y. A systems analysis of the relationships between anemia and ischemic stroke rehabilitation based on RNA-seq data. *Front Genet*. 2019;10(MAY):1–9.
8. Desai A, Oh D, Rao EM, Sahoo S, Mahajan U V., Labak CM, et al. Impact of anemia on acute ischemic stroke outcomes: A systematic review of the literature. *PLoS One*. 2023 Jan 1;18(1 January).
9. Chang JY, Lee JS, Kim BJ, Kim JT, Lee J, Cha JK, et al. Influence of Hemoglobin Concentration on Stroke Recurrence and Composite Vascular Events. *Stroke*. 2020 Apr 1;51(4):1309–12.
10. Kauffmann J, Grün D, Yilmaz U, Wagenpfeil G, Faßbender K, Fousse M, et al. Acute stroke treatment and outcome in the oldest old (90 years and older) at a tertiary care medical centre in Germany-a retrospective study showing safety and efficacy in this particular patient population. *BMC Geriatry*. 2021;21(1):1–10.
11. Khatimah A P DE. Faktor-faktor klinis yang mempengaruhi lama rawatan pasien stroke. *Medica Hospitalia*. 2021;75(17):399–405.
12. Taiwo O, Koko MK, Hakim E. Stroke units in low and middle Stroke units in low and middle income countries (LMICs) save lives: application of the western model of stroke care. *South Sudan Medical Journal* 2024;17(1):37–40.
13. Perhimpunan Dokter Spesialis Saraf Indonesia. Guideline Stroke 2011. *Perdossi*. 2011;49–50.

14. Murphy SJ, Werring DJ. Stroke: causes and clinical features. In: Clarke S, Howard RS, Ross Russell RW, editors. *Neurology: A Queen Square Textbook*. 2nd ed. Oxford: Wiley-Blackwell; 2020.
15. Elkind MSV, Hankey GJ. Advances in Epidemiology, Outcomes, and Population Science. *Stroke*. 2022;53(11):3481–4.
16. Badan Kebijakan Pembangunan Kesehatan Kementerian Kesehatan Republik Indonesia. *Survei Kesehatan Indonesia (SKI) Dalam Angka*. Jakarta; 2023.
17. Misbach J; Soertidewi L. *Stroke: Aspek Diagnosis, Patofisiologi, Manajemen*. Jakarta: Fakultas Kedokteran Universitas Indonesia (FKUI); 2011.
18. Goetz CG. *Textbook of Clinical Neurology*. Textbook of Clinical Neurology. 2007.
19. Velez L, Toffel S, Trejo-Lopez J, Kresak JL, Beal SG. Educational Case: Etiologies, Mechanisms, and Treatment of Stroke. *Acad Pathol*. 2020 Jan;7:2374289520901817.
20. Love BB, Bendixen BH. Classification of subtype of acute ischemic stroke definitions for use in a multicenter clinical trial. *Stroke*. 1993;24(1):35–41.
21. Tanto C, Liwang F, Hanifati S, Pradipta EA. *Kapita Selektta Kedokteran Jilid II*. 5th ed. Vol. 2. Jakarta: Media Aesculapius; 2020.
22. Kumar V, Abbas AK, Aster JC, Ham FM, Saraswati M. *Buku Ajar Patologi Robbins*. 10th ed. Elsevier Inc.; 2019.
23. Salaudeen MA, Bello N, Danraka RN, Ammani ML. Understanding the Pathophysiology of Ischemic Stroke: The Basis of Current Therapies and Opportunity for New Ones. *Biomolecules* 2024, Vol 14, Page 305. 2024 Mar 4 [cited 2025 Jun 23];14(3):305.
24. Micieli A, Joundi R, Khosravani H, Hopyan J, Gladstone DJ. *The Code Stroke Handbook: Approach to the Acute Stroke Patient*. The Code Stroke Handbook: Approach to the Acute Stroke Patient. 2020 Jan 1;1–226.
25. Bahrudin M, Yudha Pratama Putra P, Amalia Eka Putri D. Comparison of accuracy, sensitivity and specificity of Bahrudin score vs Siriraj score vs Gajah Mada algorithm in diagnosing type of stroke. *Brain Hemorrhages* 3(4):184–8.
26. National Institute of Neurological Disorders and Stroke. *NIH Stroke Scale*. Bethesda (MD): NINDS; 2024.
27. Kementerian Kesehatan Republik Indonesia. *Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/MENKES/394/2019 tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Stroke*. 2019;
28. Diener HC, Hankey GJ. Primary and Secondary Prevention of Ischemic Stroke and Cerebral Hemorrhage: JACC Focus Seminar. Vol. 75, *Journal of the American College of Cardiology*. Elsevier USA; 2020. p. 1804–18.
29. Farid Y, Bowman NS, Lecat P. *Biochemistry, Hemoglobin Synthesis*. StatPearls. 2023.
30. Brihi J El, Pathak S. Normal and Abnormal Complete Blood Count With Differential. *StatPearls*. 2024.

31. Grotta JC, Albers GW, Broderick JP, Kasner SE, Lo EH, Sacco RL WL. Stroke: Pathophysiology, Diagnosis, and Management. 7th Ed. Day AL, editor. Philadelphia: Elsevier Health Sciences; 2021.
32. Stauder R, Valent P, Weltermann A. Effects of anemia on the rehabilitation outcomes in elderly patients undergoing rehabilitation. *Blood*. 2007 Nov 16;110(11):5158. doi: 10.1182/blood.V110.11.5158.5158.
33. Bellwald S, Balasubramaniam R, Nagler M, Burri MS, Fischer SDA, Hakim A, et al. Association of anemia and hemoglobin decrease during acute stroke treatment with infarct growth and clinical outcome. *PLoS One*. 2018;13(9):1–13.
34. Yoshimura Y, Wakabayashi H, Shiraishi A, Nagano F, Bise T SS. Hemoglobin improvement is positively associated with functional outcomes in stroke patients with anemia. *Journal of Stroke and Cerebrovascular Diseases*. 2021;30(1).
35. Zhao D, Wang Y, Wong ND, Wang J. Impact of Aging on Cardiovascular Diseases: From Chronological Observation to Biological Insights: JACC Family Series. Vol. 4, JACC: Asia. Elsevier Inc.; 2024. p. 345–58.
36. Cheng F, Yan B, Liao P, Gao H, Yin Z, Li D. Ischemic Stroke and the Biological Hallmarks of Aging. *Aging Dis*. 2024;(154):1–29.
37. Saposnik G, Cote R, Phillips S, Gubitz G, Bayer N, Minuk J, et al. Stroke outcome in those over 80: A multicenter cohort study across Canada. *Stroke*. 2008;39(8):2310–7.
38. Yang CC, Bamodu OA, Chan L, Chen JH, Hong CT, Huang YT, et al. Risk factor identification and prediction models for prolonged length of stay in hospital after acute ischemic stroke using artificial neural networks. *Front Neurol*. 2023;14.
39. Kementerian Kesehatan Republik Indonesia. *Pedoman interpretasi data klinik*. Jakarta: Direktorat Bina Pelayanan Kefarmasian, Direktorat Jenderal Bina Kefarmasian dan Alat Kesehatan; 2011.
40. Béjot Y, Aboa-Eboulé C, Giroud M. Validation of the prolonged length of stay score in the Dijon Stroke Registry. *Neuroepidemiology*. 2012;39:176.
41. Malingkas LTD, Woawor MF, Berhimpon SLE. Gambaran Kadar Hemoglobin dan Hematokrit pada Pasien Stroke Iskemik Berusia 15-64 Tahun di RSUP Prof. Dr. R. D. Kandou. *e-Clinic*. 2024;12(3):397-402.
42. Kellert L, Martin E, Sykora M, Bauer H, Gussmann P, Diedler J, et al. Cerebral Oxygen Transport Failure?: Decreasing Hemoglobin and Hematocrit Levels After Ischemic Stroke Predict Poor Outcome and Mortality. *Stroke*. 2011 Oct;42(10):2832–7.
43. Vivi, Agustiani S, Fitri N. Hubungan Usia, Jenis Kelamin, dan Jenis Stroke Terhadap Kualitas Hidup Pasien Stroke. *Jurnal Penelitian Kerawatan*. 2025;11(1):71-8.
44. Zendrato ACIP, Barus N. Gambaran dan Tatalaksana Stroke Iskemik Pasien Rawat Inap di RSU Royal Prima Medan Tahun 2019. *Jurnal Kedokteran STM*. 2021;4(1):1-9.
45. Abe A, Sakamoto Y, Nishiyama Y, Suda S, Suzuki K, Aoki J, et al. Decline in Hemoglobin during Hospitalization May Be Associated with Poor

- Outcome in Acute Stroke Patients. *Journal of Stroke and Cerebrovascular Diseases*. 2018 Jun;27(6):1646–52.
46. Lin KH, Lin HJ, Yeh PS. Determinants of Prolonged Length of Hospital Stay in Patients with Severe Acute Ischemic Stroke. *Journal of Clinical Medicine*. 2022 Jun 16 [cited 2022 Oct 19];11(12):3457.
 47. Arboix A, Massons J, García-Eroles L, Targa C, Oliveres M, Comes E. Clinical Predictors of Prolonged Hospital Stay after Acute Stroke: Relevance of Medical Complications. *International Journal of Clinical Medicine*. 2012;03(06):502–7.
 48. Isadora E, Wreksoatmodjo BR, Sani TP. Hubungan Anemia dengan Tingkat Keparahan dan Perjalanan Penyakit Stroke Iskemik Akut. *Neurona*. 2021;38(3):170-176.
 49. Triananda IDBND, Priyanto B, Rosyidi RM. The correlation of hyperglycemia, leukocytosis, hypernatremia, and anemia with mortality rate and length of stay on traumatic brain injury patients in RSUD Provinsi Nusa Tenggara Barat. *J Kedokt Unram*. 2024;13(4):223–8.
 50. Yoo JW, Hong BY, Jo L, Kim JS, Park JG, Shin BK, et al. Effects of Age on Long-Term Functional Recovery in Patients with Stroke. *Medicina*. 2020 Sep 7;56(9):451.
 51. Wulandari ISN, Sukmaningsih WR, Wulandari S. Analisis Faktor Lama Hari Rawat Pasien Stroke di Rumah Sakit Umum Daerah dr. Soediran Mangun Sumarso Wonogiri. 2024;3(3):148-153.
 52. Allo KNL, Wreksoatmodjo BR, Sasmita P. Faktor-Faktor Yang Berhubungan Dengan Lama Rawatan Rawat Inap Pasien Stroke Di Rumah Sakit Atma Jaya. *Neurona*. 2021;39(1):19-23.
 53. Appelros P. Prediction of length of stay for stroke patients. *Acta Neurologica Scandinavica*. 2007 Jul;116(1):15–9.