

DAFTAR PUSTAKA

- Addissouky, T. A., El Sayed, I. E. T., Ali, M. M. A., Wang, Y., El Baz, A., Elarabany, N., & Khalil, A. A. (2024). Oxidative stress and inflammation: elucidating mechanisms of smoking-attributable pathology for therapeutic targeting. *Bulletin of the National Research Centre*, 48(1), 16. <https://doi.org/10.1186/s42269-024-01174-6>
- AHA/ASA. (2018). AHA / ASA Guideline 2018 Guidelines for the Early Management of Patients With Acute Ischemic Stroke. <https://doi.org/10.1161/STR.0000000000000158>
- AHA/ASA. (2019). Guidelines for the early management of patients with acute ischemic stroke: 2019 update to the 2018 guidelines for the early management of acute ischemic stroke a guideline for healthcare professionals from the American Heart Association/American Stroke A. In *Stroke* (Vol. 50, Issue 12). <https://doi.org/10.1161/STR.0000000000000211>
- Almallouhi, E., Al Kasab, S., Hubbard, Z., Bass, E. C., Porto, G., Alawieh, A., Chalhoub, R., Jabbour, P. M., Starke, R. M., Wolfe, S. Q., Arthur, A. S., Samaniego, E., Maier, I., Howard, B. M., Rai, A., Park, M. S., Mascitelli, J., Psychogios, M., De Leacy, R., ... Spiotta, A. M. (2021). Outcomes of Mechanical Thrombectomy for Patients With Stroke Presenting With Low Alberta Stroke Program Early Computed Tomography Score in the Early and Extended Window. *JAMA Network Open*, 4(12), e2137708. <https://doi.org/10.1001/jamanetworkopen.2021.37708>
- Amaya-Pascasio, L., Fernández-Gómez, M., Martínez-Salmerón, M. del M., Guevara-Sánchez, E., Ruiz-Franco, M. L., Hidalgo-Barranco, C., Toro-Pérez, C. del, de Francisco, D. V., Rodríguez-Sánchez, A. J., García-Pinteño, J., Arjona-Padillo, A., & Martínez-Sánchez, P. (2025). NIHSS mismatch as a predictor of early neurological improvement after mechanical thrombectomy. *Scientific Reports*, 15(1), 44584. <https://doi.org/10.1038/s41598-025-28303-z>
- Arbyanka, M., Larasati, T. A., Jausal, A. N., Ilmu, D., Keluarga, K., Kedokteran, F., Lampung, U., Jl, A., Ir, P., Brojonegoro, S., Meneng, G., Rajabasa, K., & Bandar, K. (2025). Article Review : Peran Hipertensi terhadap Patomekanisme Stroke Iskemik dan Hemoragik Program Studi Pendidikan Dokter , Fakultas Kedokteran , Universitas Lampung , Indonesia individu . Komplikasi yang mungkin terjadi pada individu penderita stroke cukup b. 3.
- B, V. W., Rahman, F. F., & Ningrum, V. (2023). Proceedings of the 3rd International Conference on Cardiovascular Diseases (ICCvD 2021). In *Proceedings of the 3rd International Conference on Cardiovascular Diseases (ICCvD 2021)* (Vol. 1). Atlantis Press International BV. <https://doi.org/10.2991/978-94-6463-048-0>
- Benitez, S., Puig, N., Camps-renom, P., & Sánchez-quesada, J. L. (2024). Atherogenic circulating lipoproteins in ischemic stroke. December, 1–11. <https://doi.org/10.3389/fcvm.2024.1470364>
- BPJS Kesehatan. (2024). BPJS Kesehatan Klaim 8 Penyakit Katastropik di 2023 Capai

Rp34,7 Triliun. Bisnis.Com.
<https://finansial.bisnis.com/read/20240112/215/1731664/bpjs-kesehatan-bayar-klaim-paling-besar-untuk-8-penyakit-sepanjang-2023-capai-rp347-triliun>

- Bushnell, C. D., Johnston, D. C. C., & Goldstein, L. B. (2001). Retrospective assessment of initial stroke severity comparison of the NIH stroke scale and the Canadian Neurological Scale. *Stroke*, 32(3), 656–660. <https://doi.org/10.1161/01.STR.32.3.656>
- Campbell, B. C., Lansberg, M. G., Broderick, J. P., Derdeyn, C. P., Khatri, P., Sarraj, A., Saver, J. L., Albers, G. W., Health, M., & Angeles, L. (2022). HHS Public Access. 52(8), 2723–2733. <https://doi.org/10.1161/STROKEAHA.121.035132.Acute>
- Chen, X., Lu, L., Xiao, C., Lan, Y., Zhong, S., Qin, C., & Tang, Y. (2025). Global burden of ischemic stroke in adults aged 60 years and older from 1990 to 2021: Population-based study. *PLoS ONE*, 20(5 May), 1–19. <https://doi.org/10.1371/journal.pone.0322606>
- Cummock, J. S., Wong, K. K., Volpi, J. J., & Wong, S. T. (2023). Reliability of the National Institutes of Health (NIH) Stroke Scale Between Emergency Room and Neurology Physicians for Initial Stroke Severity Scoring. 15(4). <https://doi.org/10.7759/cureus.37595>
- Ding, Y., Zhai, T., Chen, R., Chen, F., Cheng, Y., Zhu, S., Liu, Y., Xiao, G., Zhang, Y., Liu, Y., Miao, Z., & Niu, J. (2024). A prospective, multicentre, registry study of RECO in the endovascular treatment of acute ischaemic stroke. *Scientific Reports*, 14(1), 2196. <https://doi.org/10.1038/s41598-024-52207-z>
- Expert Panel on Detection, Evaluation, and T. of H. B. C. in A. (2002). Third Report of the National Cholesterol Education Program (NCEP) Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults (Adult Treatment Panel III) Final Report. *Circulation*, 106(25), 3143. <https://doi.org/10.1161/circ.106.25.3143>
- Fariza, A. F. D., Rambert, G. I., & Berhimpion, S. L. E. (2025). Gambaran Kadar Profil Lipid pada Stroke Iskemik . *E-CliniC*, 13(2 SE-Articles), 160–165. <https://doi.org/10.35790/ecl.v13i2.60738>
- Fonarow, G. C., Smith, E. E., Saver, J. L., Reeves, M. J., Hernandez, A. F., Peterson, E. D., Sacco, R. L., & Schwamm, L. H. (2011). Improving door-to-needle times in acute ischemic stroke: the design and rationale for the American Heart Association/American Stroke Association's Target: Stroke initiative. *Stroke*, 42(10), 2983–2989. <https://doi.org/10.1161/STROKEAHA.111.621342>
- Gao, J., Dai, Y., Xie, Y., Zheng, J., Wang, Y., Guo, R., Sun, Z., Xing, L., Zhang, X., Sun, Y., & Zheng, L. (2020). The Association of Stage 1 Hypertension Defined by the 2017 ACC/AHA Guideline with Stroke and Its Subtypes among Elderly Chinese. *BioMed Research International*, 2020, 4023787. <https://doi.org/10.1155/2020/4023787>
- Gong, X., Chen, L., Song, B., & Han, X. (2022). Associations of lipid profiles with the risk of ischemic and hemorrhagic stroke : A systematic review and meta-analysis of prospective cohort studies. November, 1–9.

<https://doi.org/10.3389/fcvm.2022.893248>

- Gusmayeni, G. (2021). Gambaran Kadar Gula Darah Pada Penderita Stroke Iskemik Dan Stroke Haemoragik. http://repo.upertis.ac.id/id/eprint/1949%0Ahttp://repo.upertis.ac.id/1949/1/KTI_GUSMAYENI.pdf
- Hahad, O., Arnold, N., Prochaska, J. H., Panova-noeva, M., Schulz, A., Lackner, K. J., Pfeiffer, N., Schmidtman, I., Michal, M., Beutel, M., Wild, P. S., Jr, J. F. K., Daiber, A., & Münzel, T. (2021). Cigarette Smoking Is Related to Endothelial Dysfunction of Resistance , but Not Conduit Arteries in the General Population — Results From the Gutenberg Health Study. 8(May), 1–14. <https://doi.org/10.3389/fcvm.2021.674622>
- Hanan, I., & Ardhi, M. S. (2024). Risk Factors of Ischemic Stroke : A Literature Review. 5(6), 1500–1505. <https://doi.org/10.51542/ijscia.v5i6.74>
- Hasnah, F. (2024). Risiko Obesitas dengan Penyakit Stroke di Asia : Studi Meta-Analysis Risk of Obesity with Stroke in Asia ; Meta-Analysis Study. 8(2).
- Hidayat, F., Gamayani, U., Wibisono, Y., Amalia, L., Kedokteran, F., Padjadjaran, U., Neurologi, D., & Universitas, F. K. (2022). Perbandingan Luaran Klinis pada Pasien Stroke Iskemik Fase Akut dengan Satu atau Lebih Faktor Risiko Comparison of The Clinical Outcomes between Single and Multiple Risk Factors in Acute Phase Ischemic Stroke Patients. 11(1), 7–14.
- Hu, G., Pan, Y., Wang, M., Meng, X., Jiang, Y., Li, Z., Li, H., Wang, Y., & Wang, Y. (2021). Inverse Association between High-Density Lipoprotein Cholesterol and Adverse Outcomes among Acute Ischemic Stroke Patients with Diabetes Mellitus. Biomedicines, 9(12). <https://doi.org/10.3390/biomedicines9121947>
- Imran, Y., & Zahra, A. A. (2024). The Use of NIHSS as an Assessment of Acute Stroke Severity. Journal of Society Medicine, 3(2), 31–34. <https://doi.org/10.47353/jsocmed.v3i2.128>
- Jadhav, S., Kathpal, A., & Kejriwal, A. (2025). Clinical Profile and Outcomes of Patients with Ischemic Stroke: A Hospital-Based Prospective Study. Journal of Contemporary Clinical Practice, 11(5), 361–366. <https://doi.org/10.61336/jccp/25-05-48>
- Joundi, R. A., Smith, E. E., Ganesh, A., Nogueira, R. G., McTaggart, R. A., Demchuk, A. M., Poppe, A. Y., Rempel, J. L., Field, T. S., Dowlatshahi, D., Sahlas, J., Swartz, R., Shah, R., Sauvageau, E., Puetz, V., Silver, F. L., Campbell, B., Chapot, R., Tymianski, M., ... Investigators, E.-N. (2024). Time From Hospital Arrival Until Endovascular Thrombectomy and Patient-Reported Outcomes in Acute Ischemic Stroke. JAMA Neurology, 81(7), 752–761. <https://doi.org/10.1001/jamaneurol.2024.1562>
- Katano, T., Suzuki, K., Kimura, R., Saito, T., Nishiyama, Y., & Kimura, K. (2023). Mechanical Thrombectomy Treatment More than 16 h after Last Known Well for Patients with Large Vessel Occlusion. Cerebrovascular Diseases Extra, 13(1), 69–74. <https://doi.org/10.1159/000531153>
- Kemenkes RI. (2022). Profil Kesehatan Indonesia 2021. In Pusdatin.Kemenkes.Go.Id.

- Kim, H.-L. (2023). Arterial stiffness and hypertension. *Clinical Hypertension*, 29(1), 31. <https://doi.org/10.1186/s40885-023-00258-1>
- Kim, S. H., Nam, T. M., Jang, J. H., Kim, Y. Z., Kim, K. H., Kim, D.-H., Lee, H., Jin, S.-C., & Lee, C. H. (2021). Improving Door-To-Puncture Time in Mechanical Thrombectomy with Direct Care from a Neurointerventionalist in the Emergency Department. *World Neurosurgery*, 152, e455–e461. <https://doi.org/10.1016/j.wneu.2021.05.113>
- Klu, M., Souza, A. C. de, Carbonera, L. A., Secchi, T. L., Pille, A., Rodrigues, M., Brondani, R., Almeida, A. G. de, Dal Pizzol, A., Camelo, D. M. F., Mantovani, G. P., Oldoni, C., Tessari, M. S., Nasi, L. A., & Martins, S. C. O. (2023). Improving door-to-reperfusion time in acute ischemic stroke during the COVID-19 pandemic: experience from a public comprehensive stroke center in Brazil. *Frontiers in Neurology*, Volume 14. <https://doi.org/10.3389/fneur.2023.1155931>
- Lai, Y., Jou, E., Mofatteh, M., Nguyen, T. N., Ho, J. S. Y., Diana, F., Dmytriw, A. A., He, J., Yan, W., Chen, Y., Yan, Z., Sun, H., Yeo, L. L., Chen, Y., & Zhou, S. (2023). 7-Day National Institutes of Health Stroke Scale as a surrogate marker predicting ischemic stroke patients' outcome following endovascular therapy. *Translational Neuroscience*, 14(1), 1–8. <https://doi.org/10.1515/tnsci-2022-0307>
- Latief, K., Nurrika, D., Tsai, M.-K., & Gao, W. (2023). Body Mass Index Asian populations category and stroke and heart disease in the adult population: a longitudinal study of the Indonesia Family Life Survey (IFLS) 2007 and 2014. *BMC Public Health*, 23(1), 2221. <https://doi.org/10.1186/s12889-023-17126-0>
- Laurent, S., & Boutouyrie, P. (2020). Arterial Stiffness and Hypertension in the Elderly. *Frontiers in Cardiovascular Medicine*, 7(October), 1–13. <https://doi.org/10.3389/fcvm.2020.544302>
- Lee, K. J., Tilling, K. M., Cornish, R. P., Little, R. J. A., Bell, M. L., Goetghebuer, E., Hogan, J. W., & Carpenter, J. R. (2021). Framework for the treatment and reporting of missing data in observational studies : The Treatment And Reporting of Missing data in Observational Studies framework. *Journal of Clinical Epidemiology*, 134, 79–88. <https://doi.org/10.1016/j.jclinepi.2021.01.008>
- Li, J., Duan, J., Zhang, L., Chen, J., Duan, Y., & Yang, B. (2023). Low (0–5) Alberta Stroke Program Early Computed Tomography Score on admission predictive of worse functional outcome after mechanical thrombectomy for anterior circulation large vessel occlusion. *European Journal of Medical Research*, 28(1), 266. <https://doi.org/10.1186/s40001-023-01225-0>
- Li, Q., Abdalkader, M., Siegler, J. E., Yaghi, S., Sarraj, A., Campbell, B. C. V., Yoo, A. J., Zaidat, O. O., Kaesmacher, J., Pujara, D., Nogueira, R. G., Saver, J. L., Li, L., Han, Q., Dai, Y., Sang, H., Yang, Q., Nguyen, T. N., & Qiu, Z. (2023). Mechanical Thrombectomy for Large Ischemic Stroke: A Systematic Review and Meta-analysis. *Neurology*, 101(9), E922–E932. <https://doi.org/10.1212/WNL.0000000000207536>
- Liang, Y., Yan, Z., Hao, Y., Wang, Q., Zhang, Z., She, R., Wang, P., Du, Y., Lau, J. T., Dekker, J., Bai, B., & Qiu, C. (2022). Metabolic syndrome in patients with first-ever ischemic stroke: prevalence and association with coronary heart

- disease. *Scientific Reports*, 12(1), 13042. <https://doi.org/10.1038/s41598-022-17369-8>
- Liu, J., Zhuo, N., Wei, J., Fan, Y., & Jiang, C. (2024). Endovascular treatment of stroke in the late time window with large vessel occlusion using the ASPECTS as an imaging screening criterion. *Scientific Reports*, 14(1), 12285. <https://doi.org/10.1038/s41598-024-62936-w>
- Liu, L., Fan, Y., Wang, Z., Liu, F., Wang, X., Fu, J., Li, Z., Sun, H., Du, Y., Yang, J., Fan, X., Liu, B., & Zhang, L. (2024). Disparity in risk factors of ischemic stroke in four coastal-area hospitals in China. *Heliyon*, 10(2), e24745. <https://doi.org/https://doi.org/10.1016/j.heliyon.2024.e24745>
- Love, B. B., & Bendixen, B. H. (1993). Classification of subtype of acute ischemic stroke definitions for use in a multicenter clinical trial. *Stroke*, 24(1), 35–41. <https://doi.org/10.1161/01.STR.24.1.35>
- Luo, J., Tang, X., Li, F., Wen, H., Wang, L., & Ge, S. (2022). Cigarette Smoking and Risk of Different Pathologic Types of Stroke: A Systematic Review and. 12(January), 1–10. <https://doi.org/10.3389/fneur.2021.772373>
- Lyden, P. D., Lu, M., Levine, S. R., Brott, T. G., & Broderick, J. (2001). A modified national institutes of health stroke scale for use in stroke clinical trials preliminary reliability and validity. *Stroke*, 32(6), 1310–1316. <https://doi.org/10.1161/01.str.32.6.1310>
- Majumder, D. (2024). Ischemic Stroke: Pathophysiology and Evolving Treatment Approaches. *Neuroscience Insights*, 19. <https://doi.org/10.1177/26331055241292600>
- Man, S., Xian, Y., Holmes, D. N., Matsouaka, R. A., Saver, J. L., Smith, E. E., Bhatt, D. L., Schwamm, L. H., & Fonarow, G. C. (2020). Association Between Thrombolytic Door-to-Needle Time and 1-Year Mortality and Readmission in Patients With Acute Ischemic Stroke. *JAMA*, 323(21), 2170–2184. <https://doi.org/10.1001/jama.2020.5697>
- Mctaggart, R. A., Torbey, M. T., Tenser, M. K., Mazwi, T. L., Sarraj, A., Kasner, S. E., Ansari, S. A., Yeatts, S. D., Hamilton, S., Mlynash, M., Heit, J. J., Lavori, P. W., Broderick, J. P., Lansberg, M. G., & Investigators, D. (2018). Thrombectomy for Stroke at 6 to 16 Hours with Selection by Perfusion Imaging. 708–718. <https://doi.org/10.1056/NEJMoa1713973>
- Meng, M., Guo, Y., Kuang, Z., Liu, L., Cai, Y., & Ni, X. (2022). Risk of Stroke Among Different Metabolic Obesity Phenotypes: A Systematic Review and Meta-Analysis. *Frontiers in Cardiovascular Medicine*, 9(April). <https://doi.org/10.3389/fcvm.2022.844550>
- Meyer, B. C., Hemmen, T. M., Jackson, C. M., & Lyden, P. D. (2002). Modified National Institutes of Health Stroke Scale for use in stroke clinical trials: Prospective reliability and validity. *Stroke*, 33(5), 1261–1266. <https://doi.org/10.1161/01.STR.0000015625.87603.A7>
- Mistry, E. A., Yeatts, S., de Havenon, A., Mehta, T., Arora, N., De Los Rios La Rosa, F., Starosciak, A. K., Siegler, J. E. 3rd, Mistry, A. M., Yaghi, S., & Khatri, P. (2021). Predicting 90-Day Outcome After Thrombectomy: Baseline-Adjusted

- 24-Hour NIHSS Is More Powerful Than NIHSS Score Change. *Stroke*, 52(8), 2547–2553. <https://doi.org/10.1161/STROKEAHA.120.032487>
- Neumann, F. J., Sechtem, U., Banning, A. P., Bonaros, N., Bueno, H., Bugiardini, R., Chieffo, A., Crea, F., Czerny, M., Delgado, V., Dendale, P., Knuuti, J., Wijns, W., Flachskampf, F. A., Gohlke, H., Grove, E. L., James, S., Katritsis, D., Landmesser, U., ... Clapp, B. (2020). 2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. *European Heart Journal*, 41(3), 407–477. <https://doi.org/10.1093/eurheartj/ehz425>
- Ospel, J. M., Menon, B. K., Marko, M., Mayank, A., Ganesh, A., Rempel, J. L., Joshi, M., Almekhlafi, M. A., Zerna, C., Tymianski, M., Hill, M. D., & Goyal, M. (2021). Reassessing Alberta Stroke Program Early CT Score on Non-Contrast CT Based on Degree and Extent of Ischemia. 23(3), 440–442.
- Pereira, V. M., Mehta, B. P., Baxter, B. W., Abraham, M. G., Cardona, P., Veznedaroglu, E., Hellinger, F. R., Feng, L., Kirmani, J. F., Lopes, D. K., Jankowitz, B. T., Frankel, M. R., Costalat, V., Vora, N. A., Yoo, A. J., Malik, A. M., & Furlan, A. J. (2018). *new england journal*. 11–21. <https://doi.org/10.1056/NEJMoa1706442>
- Qiu, S., & Xu, Y. (2020). Guidelines for Acute Ischemic Stroke Treatment. *Neuroscience Bulletin*, 36(10), 1229–1232. <https://doi.org/10.1007/s12264-020-00534-2>
- Rajashekar, D., Hill, M. D., Demchuk, A. M., Goyal, M., Fiehler, J., & Forkert, N. D. (2021). Prediction of Clinical Outcomes in Acute Ischaemic Stroke Patients: A Comparative Study. *Frontiers in Neurology*, Volume 12. <https://doi.org/10.3389/fneur.2021.663899>
- Rasyid, A., Kurniawan, M., Mesiano, T., Hidayat, R., Rilianto, B., & Harris, S. (2022). Performance of door-to-CT time of code stroke in Indonesian tertiary referral center hospital. *The Egyptian Journal of Neurology, Psychiatry and Neurosurgery*, 58(1), 144. <https://doi.org/10.1186/s41983-022-00583-6>
- Rilianto, B., & Helda, H. (2022). Perdarahan Intrakranial Pasca Terapi Trombolisis Stroke Iskemik Akut pada Populasi Asia. *Jurnal Ilmiah Kesehatan*, 14(1), 33–38. <https://doi.org/10.37012/jik.v14i1.860>
- Ros-Arlanzón, P., García, D. C., Lorigo, R. H., Blasco, I. B., Ferrairo, J. T., Soriano, C. S., & Hernández, N. L. (2025). [Multicenter Study on the Frequency of Large Vessel Occlusion in Patients with Minor Stroke]. *Revista de neurologia*, 80(3), 33477. <https://doi.org/10.31083/RN33477>
- Sacco, R. L., Kasner, S. E., Broderick, J. P., Caplan, L. R., Connors, J. J., Culebras, A., Elkind, M. S. V., George, M. G., Hamdan, A. D., Higashida, R. T., Hoh, B. L., Janis, L. S., Kase, C. S., Kleindorfer, D. O., Lee, J. M., Moseley, M. E., Peterson, E. D., Turan, T. N., Valderrama, A. L., & Vinters, H. V. (2013). An updated definition of stroke for the 21st century: A statement for healthcare professionals from the American heart association/American stroke association. *Stroke*, 44(7), 2064–2089. <https://doi.org/10.1161/STR.0b013e318296aeca>
- Sadeq, A., Baraka, M. A., & Elnour, A. A. (2022). Retrospective cohort study on risk factors for developing ischemic stroke. 20(3), 1–7.

- Sallustio, F., Mascolo, A. P., Marrama, F., Diomedi, M., Lacidogna, G., D'Agostino, F., Alemseged, F., Da Ros, V., Sabuzi, F., Fainardi, E., Casetta, I., Vallone, S., Bigliardi, G., Allegretti, L., Coco, E., Lafe, E., Longoni, M., Semeraro, V., Boero, G., ... Toni, D. (2025). Association between door-to-needle time and outcomes in acute ischemic stroke patients treated with intravenous thrombolysis plus mechanical thrombectomy: Analysis from the Italian Registry of Endovascular Treatment in Acute Stroke (IRETAS). *European Stroke Journal*, 23969873251368720. <https://doi.org/10.1177/23969873251368720>
- Sarraj, A., Kleinig, T. J., Hassan, A. E., Portela, P. C., Ortega-Gutierrez, S., Abraham, M. G., Manning, N. W., Siegler, J. E., Goyal, N., Maali, L., Blackburn, S., Wu, T. Y., Blasco, J., Renú, A., Sangha, N. S., Arenillas, J. F., McCullough-Hicks, M. E., Wallace, A., Gibson, D., ... Campbell, B. C. V. (2023). Association of Endovascular Thrombectomy vs Medical Management With Functional and Safety Outcomes in Patients Treated Beyond 24 Hours of Last Known Well: The SELECT Late Study. *JAMA Neurology*, 80(2), 172–182. <https://doi.org/10.1001/jamaneurol.2022.4714>
- Shafique, M. A., Ali, S. M. S., Mustafa, M. S., Aamir, A., Khuhro, M. S., Arbani, N., Raza, R. A., Abbasi, M. B., & Lucke-Wold, B. (2024). Meta-analysis of direct endovascular thrombectomy vs bridging therapy in the management of acute ischemic stroke with large vessel occlusion. *Clinical Neurology and Neurosurgery*, 236, 108070. <https://doi.org/https://doi.org/10.1016/j.clineuro.2023.108070>
- Shiozawa, M., Kaneko, H., Itoh, H., Morita, K., Okada, A., Matsuoka, S., Kiriya, H., Kamon, T., Fujiu, K., Michihata, N., Jo, T., Takeda, N., Morita, H., Nakamura, S., Node, K., Yasunaga, H., & Komuro, I. (2021). Association of Body Mass Index with Ischemic and Hemorrhagic Stroke. *Nutrients*, 13(7). <https://doi.org/10.3390/nu13072343>
- Slawski, D., & Heit, J. J. (2021). Treatment Challenges in Acute Minor Ischemic Stroke. *Frontiers in Neurology*, 12(September), 1–8. <https://doi.org/10.3389/fneur.2021.723637>
- Tale, A. C. (2017). Using the National Institutes of Health Stroke Scale A Cautionary Tale. 513–519. <https://doi.org/10.1161/STROKEAHA.116.015434>
- Tang, T., Hu, L., Liu, Y., Fu, X., Li, J., Yan, F., Cao, S., & Chen, G. (2022). Sex-Associated Differences in Neurovascular Dysfunction During Ischemic Stroke. *Frontiers in Molecular Neuroscience*, Volume 15. <https://www.frontiersin.org/journals/molecular-neuroscience/articles/10.3389/fnmol.2022.860959>
- Utama, Y. A., & Nainggolan, S. S. (2022). Faktor Resiko yang Mempengaruhi Kejadian Stroke: Sebuah Tinjauan Sistematis. *Jurnal Ilmiah Universitas Batanghari Jambi*, 22(1), 549. <https://doi.org/10.33087/jiubj.v22i1.1950>
- Virani, S. S., Alonso, A., Aparicio, H. J., Benjamin, E. J., Bittencourt, M. S., Callaway, C. W., Carson, A. P., Chamberlain, A. M., Cheng, S., Delling, F. N., Elkind, M. S. V., Evenson, K. R., Ferguson, J. F., Gupta, D. K., Khan, S. S., Kissela, B. M., Knutson, K. L., Lee, C. D., Lewis, T. T., ... Subcommittee, O. behalf of the A. H. A. C. on E. and P. S. C. and S. S. (2021). Heart Disease and Stroke Statistics—

2021 Update. *Circulation*, 143(8), e254–e743.
<https://doi.org/10.1161/CIR.0000000000000950>

- Wang, R., Wang, H., Liu, S., Yang, L., Ma, L., Liu, F., Li, Y., Li, P., Shi, Y., Sun, M., Song, Y., Hou, W., Mi, W., & Ma, Y. (2024). Coronary heart disease increases the risk of perioperative ischemic stroke after noncardiac surgery: A retrospective cohort study. June, 1–9. <https://doi.org/10.1111/cns.14912>
- Wang, X., Liu, X., O'Donnell, M. J., McQueen, M., Sniderman, A., Pare, G., Hankey, G. J., Rangarajan, S., Chin, S. L., Rao-Melacini, P., Ferguson, J., Xavier, D., Zhang, H., Liu, L., Pais, P., Lopez-Jaramillo, P., Damasceno, A., Langhorne, P., Rosengren, A., ... Yusuf, S. (2024). Tobacco use and risk of acute stroke in 32 countries in the INTERSTROKE study: a case-control study. *EClinicalMedicine*, 70, 102515. <https://doi.org/10.1016/j.eclinm.2024.102515>
- Waris, U., Butt, N. I., Shafqat, T., & Hameed, S. (2023). Diagnostic Accuracy of NIHSS Score in Predicting in-Hospital Mortality in Patients of Ischemic Stroke taking Actual in-Hospital Mortality as Gold Diagnostic Accuracy of NIHSS Score in Predicting in-Hospital Mortality in Patients of Ischemic Stroke taking . April. <https://doi.org/10.21089/njhs.81.0023>
- Whelton, P. K., Carey, R. M., Mancia, G., Kreutz, R., Bundy, J. D., & Williams, B. (2022). Harmonization of the American College of Cardiology/American Heart Association and European Society of Cardiology/European Society of Hypertension Blood Pressure/Hypertension Guidelines: Comparisons, Reflections, and Recommendations. *Circulation*, 146(11), 868–877. <https://doi.org/10.1161/CIRCULATIONAHA.121.054602>
- WHO. (2011). WHO report on the global tobacco epidemic, 2011: warning about the dangers of tobacco. Most, 152, 1–152. http://www.who.int/about/licensing/%5Cnhttp://whqlibdoc.who.int/publications/2011/9789240687813_eng.pdf
- World Health Organization. (2022). Gender and health. World Health Organization.
- Yang, S., Yao, W., Siegler, J. E., Mofatteh, M., Wellington, J., Wu, J., Liang, W., Chen, G., Huang, Z., Yang, R., Chen, J., Yang, Y., Hu, Z., & Chen, Y. (2022). Shortening door-to-puncture time and improving patient outcome with workflow optimization in patients with acute ischemic stroke associated with large vessel occlusion. *BMC Emergency Medicine*, 22(1), 136. <https://doi.org/10.1186/s12873-022-00692-8>
- Zhang, X., Wei, M., Shang, L., Lu, Y., Zhang, L., & Li, Y. (2020). LDL-C / HDL-C is associated with ischaemic stroke in patients with non-valvular atrial fibrillation : a case-control study. 1–11.
- Zhuo, Y., Qu, Y., Wu, J., Huang, X., Yuan, W., Lee, J., Yang, Z., & Zee, B. (2021). Estimation of stroke severity with National Institutes of Health Stroke Scale grading and retinal features. 0(July), 1–6.