

DAFTAR PUSTAKA

- American Stroke Association. (2020). *Explaining Stroke*. American Heart Association; American Heart Association. https://www.stroke.org/-/media/Stroke-Files/Stroke-Resource-Center/Brochures/Explaining_Stroke_Brochure_2020.pdf
- American Stroke Association. (2023). *Stroke Risk Factors*. American Heart Association. <https://www.stroke.org/en/about-stroke/stroke-risk-factors>
- Artanti, K. D., Martini, S., Widati, S., & Alminudin, M. (2020). Risk Factor based on the Type of Stroke at RSUD Dr. Soetomo, Surabaya, Indonesia. *Indian Journal of Forensic Medicine and Toxicology*, 14(1), 1379–1384. <https://doi.org/10.37506/v14/i1/2020/ijfnt/193104>
- Atma, D. A. S., Pakaya, N., & Yusuf, N. S. (2025). Gambaran Faktor Risiko Stroke pada Lansia di Wilayah Kerja Puskesmas Kota Timur. *Jurnal Kolaboratif Sains*, 8(7), 4634–4641. <https://doi.org/10.56338/jks.v8i7.8260>
- Azzahra, V., & Ronoatmodjo, S. (2022). Faktor-faktor yang Berhubungan dengan Kejadian Stroke pada Penduduk Usia ≥ 15 Tahun di Provinsi Daerah Istimewa Yogyakarta (Analisis Data Riskesdas 2018). *Jurnal Epidemiologi Kesehatan Indonesia*, 6(2), 91–96. <https://doi.org/10.7454/epidkes.v6i2.6508>
- Badan Kebijakan Pembangunan Kesehatan Kemenkes RI. (2023). *Survei Kesehatan Indonesia (SKI) 2023 dalam Angka*. Kementerian Kesehatan RI.
- Boehme, A. K., Esenwa, C., & Elkind, M. S. V. (2017). Stroke Risk Factors, Genetics, and Prevention. *Circulation Research*, 120(3), 472–495. <https://doi.org/10.1161/CIRCRESAHA.116.308398>
- BPS Provinsi DI Yogyakarta. (2023). *Penduduk, Laju Pertumbuhan Penduduk, Distribusi Persentase Penduduk Kepadatan Penduduk, Rasio Jenis Kelamin Penduduk Menurut Kabupaten/Kota di Provinsi DI Yogyakarta, 2022*. <https://yogyakarta.bps.go.id/id/statistics-table/3/V1ZSbFRUY3ITbFpEYTNsVWNGcDZjek53YkhsNFFUMDkjMw==/penduduk--laju-pertumbuhan-penduduk--distribusi-persentase-penduduk--kepadatan-penduduk--rasio-jenis-kelamin-penduduk-menurut-kabupaten-kota-di-provinsi-di>
- Brainin, M., Teuschl, Y., & Matz, K. (2019). Textbook of Stroke Medicine. In *Textbook of Stroke Medicine* (3rd ed.). Cambridge Univeristy Press. <https://doi.org/doi.org/10.1017/9781108659574>
- Branyan, T. E., & Sohrabji, F. (2021). Sex Differences in Stroke Co-morbidities. *Experimental Neurology*, 332(113384), 1–16. <https://doi.org/10.1016/j.expneurol.2020.113384>.Sex
- Chan, Y. Y., Sahril, N., Rezali, M. S., Kuay, L. K., Baharudin, A., Aznuddin, M.,

- Razak, A., Shaiful, M., Kassim, A., Fadhli, M., Yusoff, M., Omar, M. A., & Ahmad, N. A. (2021). Self-Reported Modifiable Risk Factors of Cardiovascular Disease among Older Adults in Malaysia : A Cross-Sectional Study of Prevalence and Clustering. *International Journal of Environmental Research and Public Health*, 18(7941), 1–15. <https://doi.org/doi.org/10.3390/ijerph18157941>
- Chang, Y., Eom, S., Kim, M., & Song, T. J. (2023). Medical Management of Dyslipidemia for Secondary Stroke Prevention: Narrative Review. *Medicina (Lithuania)*, 59(4), 1–19. <https://doi.org/10.3390/medicina59040776>
- Chi, X., Zhang, J., & Yin, X. (2024). Positive Genetic Effect of Hypertension Family History on Stroke: A Cross Mendelian Randomization Study. *Journal of Stroke and Cerebrovascular Diseases*, 33(10), 1–9. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2024.107901>
- Chia, Y. C., Ching, S. M., & Hanafi, N. S. (2025). World Salt Awareness Week: A Call to Action for Reducing Salt Intake in Malaysia. *Malaysia Family Physician*, 20(32), 1–4. <https://doi.org/doi.org/10.51866/cm.929>
- Cho, B. P. H., Harshfield, E. L., Al-Thani, M., Tozer, D. J., Bell, S., & Markus, H. S. (2022). Association of Vascular Risk Factors and Genetic Factors With Penetrance of Variants Causing Monogenic Stroke. *JAMA Neurology*, 79(12), 1303–1311. <https://doi.org/10.1001/jamaneurol.2022.3832>
- Cong, X., Liu, S., Wang, W., Ma, J., & Li, J. (2022). Combined Consideration of Body Mass Index and Waist Circumference Identifies Obesity Patterns Associated with Risk of Atroke in a Chinese Prospective Cohort Study. *BMC Public Health*, 22(347), 1–11. <https://doi.org/10.1186/s12889-022-12756-2>
- Correia, P., Machado, S., Meyer, I., Amiguet, M., Eskandari, A., & Michel, P. (2021). Ischemic Stroke on Hormonal Contraceptives: Characteristics, Mechanisms and Outcome. *European Stroke Journal*, 6(2), 205–212. <https://doi.org/10.1177/23969873211019586>
- Dewi, F. S. T., Choiriyah, I., Indriyani, C., Wahab, A., Lazuardi, L., Nugroho, A., Susetyowati, S., Harisaputra, R. K., Santi, R., Lestari, S. K., Ng, N., Hakimi, M., Josef, H. K., & Utarini, A. D. I. (2018). *Designing and Collecting Data for A Longitudinal Study: The Sleman Health and Demographic Surveillance System (HDSS)*. 46(7), 704–710. <https://doi.org/10.1177/1403494817717557>
- Dewi, S. K. (2018). Level Aktivitas Fisik dan Kualitas Hidup Warga Lanjut Usia Physical Activity Level and Quality of Life of The Elderly. *MKMI*, 14(3), 241–250. <https://doi.org/doi.org/10.30597/mkmi.v14i3.4604>
- Dinas Kependudukan dan Pencatatan Sipil Kabupaten Sleman. (2023). *Profil Perkembangan Kependudukan Kabupaten Sleman Tahun 2023*.
- Direktorat Statistik Kesejahteraan Rakyat. (2023). *Statistik Penduduk Lanjut Usia*

2023. Badan Pusat Statistik.

- Entoft, A. L. J. C. R. U. Z., Ahat, G. Ü. B., Auer, J. Ü. B., Oirie, Y. V. E. S. B., Ruyère, O. L. B., In, S. A., Eople, O. L. P., Xtended, T. H. E. E., & For, G. R. (2019). Sarcopenia: Revised European Consensus on Definition and Diagnosis. *Age and Ageing*, *48*, 16–31. <https://doi.org/10.1093/ageing/afy169>
- Fahim, M. A., Yao, Y., & Xuan, W. (2025). Visceral Adipose Tissue and the Female Heart: Mechanisms and Implications. *Current Opinion in Physiology*, *46*(100871), 1–6. <https://doi.org/doi.org/10.1016/j.cophys.2025.100871>
- Farapti, F., Fatimah, A. D., Astutik, E., Hidajah, A. C., & Rochmah, T. N. (2020). Awareness of Salt Intake among Community-Dwelling Elderly at Coastal Area : The Role of Public Health Access Program. *Journal of Nutrition and Metabolism*, *2020*(8793869), 1–7. <https://doi.org/doi.org/10.1155/2020/8793869>
- Fragua, M. D. M., Struijk, E. A., Graciani, A., Castillon, P. G., Artalejo, F. R., & Garcia, E. L. (2019). Coffee Consumption and Risk of Physical Function Impairment, Frailty and Disability in Older Adults. *European Journal of Nutrition*, *58*(4), 1415–1427. <https://doi.org/10.1007/s00394-018-1664-7>
- Gu, Y., Gao, D., Xia, X., Xue, J., Wang, D., Wei, Z., Tian, X., & Li, X. (2023). Factors Related to Dietary Quality among Older Stroke High-Risk Population in Tianjin Community, China: A Multicenter Study. *BMC Geriatrics*, *23*(508), 1–13. <https://doi.org/doi.org/10.1186/s12877-023-04211-7>
- Harlan, J., & Sutjiati, Ri. (2018). *Metodologi Penelitian Kesehatan*. Penerbit Gunadarma.
- HDSS Sleman. (2024). *Tentang HDSS Sleman Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan Universitas Gadjah Mada*. [Online]. <https://hdss.fk.ugm.ac.id/tentang-hdss-sleman/>
- Herdiman, A., & Andriani, R. (2024). Faktor Risiko Stroke pada Pasien Lanjut Usia di Rumah Sakit Royal Taruma. *Tarumanagara Medical Journal*, *6*(1), 18–22. <https://doi.org/10.24912/tmj.v6i1.31067>
- Huo, G., Huang, J., Zhang, J., & Zhou, D. (2025). Joint Association of Body Mass Index, Abdominal Obesity, and Triglyceride-Glucose Index with Stroke Risk: Insights from the China Health and Retirement Longitudinal Study. *BMC Neurology*, *26*(11), 1–13. <https://doi.org/doi.org/10.1186/s12883-025-04558-x>
- IHME. (2025). *Research Analysis Health by Location*. [Online]. <https://www.healthdata.org/research-analysis/health-by-location/profiles/indonesia>
- Ji, S., Lee, E., Kim, B. J., Baek, J. Y., Yi, Y., Jang, I. Y., & Jung, H. W. (2023).

Height Loss as an Indicator of Ageing Through its Association with Frailty and Sarcopenia: An Observational Cohort Study. *Archives of Gerontology and Geriatrics*, 110, 104916. <https://doi.org/10.1016/j.archger.2022.104916>

Jiang, H., Zhou, Y., Nabavi, S. M., Sahebkar, A., Little, P. J., Xu, S., Weng, J., & Ge, J. (2022). Mechanisms of Oxidized LDL-Mediated Endothelial Dysfunction and Its Consequences for the Development of Atherosclerosis. *Frontiers in Cardiovascular Medicine*, 9(925923), 1–11. <https://doi.org/10.3389/fcvm.2022.925923>

Johansson, T., Fowler, P., Ek, W. E., Skalkidou, A., Karlsson, T., & Johansson, A. (2022). Oral Contraceptives, Hormone Replacement Therapy, and Stroke Risk. *Stroke*, 53(10), 3107–3115. <https://doi.org/10.1161/STROKEAHA.121.038659>

Judge, C., Donnell, M. J. O., Hankey, G. J., Rangarajan, S., Chin, S. L., Rao-melacini, P., Ferguson, J., Smyth, A., Xavier, D., Lisheng, L., Zhang, H., Lopez-jaramillo, P., Damasceno, A., Langhorne, P., Rosengren, A., Dans, A. L., Elsayed, A., Avezum, A., Mondo, C., ... Yusoff, K. (2021). Urinary Sodium and Potassium, and Risk of Ischemic and Hemorrhagic Stroke (INTERSTROKE): A Case–Control Study. *American Journal of Hypertension*, 34(4), 414–425. <https://doi.org/10.1093/ajh/hpaa176>

Juwita, C. P., Budhyanti, W., Wilson, J., & Manik, H. (2022). Determinants of Physical Activity among Middle Aged and Elderly. *International Journal of Community Medicine and Public Health*, 9(9), 3385–3388. <https://doi.org/doi.org/10.18203/2394-6040.ijcmph20222197>

Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/MENKES/4634/2021 tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Hipertensi Dewasa (2021).

Kong, F., Liu, Q., Zhou, Q., Xiao, P., Bai, Y., Wu, T., & Xia, L. (2025). Dietary Salt Intake and Cardiovascular Outcomes: An Umbrella Review of Meta-Analyses and Dose-Response Evidence. *Annals of Medicine*, 57(1), 1–16. <https://doi.org/doi.org/10.1080/07853890.2025.2582065>

Kuriakose, D., & Xiao, Z. (2020). Pathophysiology and Treatment of Stroke: Present Status and Future Perspectives. *International Journal of Molecular Sciences*, 21(20), 1–24. <https://doi.org/10.3390/ijms21207609>

Kwon, D. H., & Kwon, Y. D. (2025). Patterns of Health Literacy and Influencing Factors differ by Age: A Cross-Sectional Study. *BMC Public Health*, 25(1556), 1–12. <https://doi.org/doi.org/10.1186/s12889-025-22838-6>

Li, A. le, Ji, Y., Zhu, S., Hu, Z. hao, Xu, X. jin, Wang, Y. wei, & Jian, X. zhi. (2022). Risk probability and influencing factors of stroke in followed-up hypertension patients. *BMC Cardiovascular Disorders*, 22(1), 1–10. <https://doi.org/10.1186/s12872-022-02780-w>

- Li, Y., Huang, Z., Jin, C., Xing, A., Liu, Y., Huangfu, C., Lichtenstein, A. H., & Tucker, K. L. (2018). Longitudinal Change of Perceived Salt Intake and Stroke Risk in a Chinese Population. *AHA Journal*, 49(6), 1332–1339. <https://doi.org/10.1161/STROKEAHA.117.020277>
- Liu, H., Zhao, Y., Qiao, L., Yang, C., Yang, Y., Zhang, T., Wu, Q., & Han, J. (2024). Consistency between Self-Reported Disease Diagnosis and Clinical Assessment and Under-Reporting for Chronic Conditions: Data from A Community-Based Study in Xi 'an, China. *Frontiers in Public Health*, 12(1296939), 1–9. <https://doi.org/10.3389/fpubh.2024.1296939>
- Liu, X., Hu, Y., Chen, L., Luo, Y., Tang, W., Liu, X., Qiu, J., & Tang, X. (2024). Effect of Health Lifestyle on the Risk of Stroke: A Prospective Cohort Study from Chongqing, China. *Journal of Stroke and Cerebrovascular Diseases*, 33(9), 1–7. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2024.107846>
- Mahadevan, A., Pinnamaneni, M., Doshi, P., Kohli, M., Reddy, A., & Desai, R. (2025). Prevalence, Trends, and Outcomes of Metabolically Healthy Obesity or Overweight in Stroke Hospitalizations of Elderly Patients: A 2016–2019 US Population Analysis. *Journal of the Neurological Sciences*, 472(123445), 1–6. <https://doi.org/doi.org/10.1016/j.jns.2025.123445>
- Maria, G., Demosthenes, K., Ekavi, B. P., Mellor, D. D., Chrysohoou, C., Zana, A., Tsigos, C., Tousoulis, D., Stefanadis, C., & Pitsavos, C. (2018). J-Shaped Relationship between Habitual Coffee Consumption and 10-Year (2002–2012) Cardiovascular Disease Incidence: The ATTICA Study. *European Journal of Nutrition*, 57(4), 1677–1685. <https://doi.org/10.1007/s00394-017-1455-6>
- Mavridis, A., Viktorisson, A., Eliasson, B., Von Euler, M., & Sunnerhagen, K. S. (2025). Risk of Ischemic and Hemorrhagic Stroke in Individuals With Type 1 and Type 2 Diabetes: A Nationwide Cohort Study in Sweden. *Neurology*, 104(7), 1–11. <https://doi.org/10.1212/WNL.0000000000213480>
- Nadir, S., Arsin, A. A., Wahiduddin, W., Bustan, H. N., Stang, S., & Syamsuar, S. (2023). Risk Factors of Salt Consumption on the Incidence of Hypertension in Communities in the Coastal Area of Baubau City. *Azerbaijan Medical Journal*, 63(01), 7547–7554.
- Naghavi, M., Kyu, H. H., A, B., Aalipour, M. A., Aalruz, H., Ababneh, H. S., Abafita, B. J., Abaraogu, U. O., Abbafati, C., Abbasi, M., Abbaspour, F., abbastabar, H., Abd Al Magied, A. H. A., Abd ElHafeez, S., Abdalla, A. N., Abdalla, M. A., Abdallah, E. M., Abdeeq, B. A., Abdel Razeq, N. M. I., ... Murray, C. J. L. (2025). Global Burden of 292 Causes of Death in 204 Countries and Territories and 660 Subnational Locations, 1990–2023: A Systematic Analysis for the Global Burden of Disease Study 2023. *The Lancet*, 406, 1811–1872. [https://doi.org/10.1016/S0140-6736\(25\)01917-8](https://doi.org/10.1016/S0140-6736(25)01917-8)

- Perhimpunan Dokter Spesialis Saraf Indonesia. (2023). Pedoman Praktik Klinis Neurologi. In *Pedoman Praktik Klinis Neurologi*.
- Perka BPS Nomor 120 Tahun 2020 tentang Klasifikasi Desa Perkotaan dan Perdesaan di Indonesia Tahun 2020 (2020).
- Pillay, P., Lewington, S., Taylor, H., Lacey, B., & Carter, J. (2022). Adiposity, Body Fat Distribution, and Risk of Major Stroke Types among Adults in the United Kingdom. *JAMA Network Open*, 5(12), 1–11. <https://doi.org/10.1001/jamanetworkopen.2022.46613>
- Puig, N., Camps-Renom, P., Hermansson, M., Aguilera-sim, A., Marín, R., Blanco-Sanroman, N., Domine, M. C., Bautista, O., Rotllan, N., Oorni, K., Sanchez-Quesada, J. L., & Benitez, S. (2025). Alterations in LDL and HDL after an Ischemic Stroke Associated with Carotid Atherosclerosis are Reversed after 1 Year. *Journal of Lipid Research*, 66(2), 1–19. <https://doi.org/10.1016/j.jlr.2024.100739>
- Sacco, R. L., Kasner, S. E., Broderick, J. P., & Caplan, L. R. (2019). Correction to: An Updated Definition of Stroke for the 21st Century: A Statement for Healthcare Professionals From the American Heart Association/American Stroke Association. *Stroke*, 50(8), E239. <https://doi.org/10.1161/STR.0000000000000205>
- Sari, M. (2023). The Relationship Diabetes Mellitus with Recurrent Incidence Stroke in Regional General Hospitals. *Jurnal Kesehatan Akimal*, 2(01), 31–36. <https://doi.org/doi.org/10.58435/jka.v2i1.63>
- Sertani, T. T., Fajari, N. M., Bakhriansyah, M., Cahyawati, W. A. S. N., & Marisa, D. (2023). Hubungan antara Usia dan Jenis Kelamin dengan Kejadian Stroke pada Pasien Diabetes Melitus di RSUD Ulin Banjarmasin. *Homeostasis*, 6(1), 167–172. <https://doi.org/doi.org/10.20527/ht.v6i1.8802>
- Setyopranoto, I., Bayuangga, H. F., Panggabean, A. S., Alifaningdyah, S., Lazuardi, L., Dewi, F. S. T., & Malueka, R. G. (2019). Prevalence of Stroke and Associated Risk Factors in Sleman District of Yogyakarta Special Region, Indonesia. *Stroke Research and Treatment*, 2019(1), 1–8. <https://doi.org/10.1155/2019/2642458>
- Simon, R. P., Aminoff, M. J., & Greenberg, D. A. (2018). Clinical Neurology 10th Edition. In *Neurology* (10 ed., Vol. 8, Nomor 1). McGraw-Hill Education.
- Song, R. J., Larson, M. G., Aparicio, H. J., Gaziano, J. M., Wilson, P., Cho, K., Vasan, R. S., Fox, M. P., & Djoussé, L. (2023). Moderate Alcohol Consumption on the Risk of Stroke in the Million Veteran Program. *BMC Public Health*, 23(1), 1–12. <https://doi.org/10.1186/s12889-023-17377-x>
- Spence, J. D. (2018). Diet for Stroke Prevention. *Stroke and Vascular Neurology*, 3(e000130), 44–50. <https://doi.org/10.1136/svn-2017-000130>

- Sugiyono. (2023). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Alfabeta.
- Syukriyah, S. R. Z. M. D., & Fauzi, A. Al. (2024). Hypertension as a Risk Factor in Stroke: An Overview. *World Journal of Advanced Research and Reviews*, 21(01), 2370–2372. <https://doi.org/doi.org/10.30574/wjarr.2024.21.1.0204>
- Tang, W., Yu, J., Yang, K., Jia, J., Mao, X., & Song, F. (2025). Association between Sarcopenia and Components of Metabolic Syndrome among Chinese Older Adults: A Population-based Longitudinal Study using CHARLS. *BMC Public Health*, 25(2823), 1–11.
- Tim Nasional Percepatan Penanggulangan Kemiskinan. (2020). *The Situation of the Elderly in Indonesia and Access to Social Protection Programs: Secondary Data Analysis*.
- Undang-undang Republik Indonesia Nomor 13 Tahun 1998 tentang Kesejahteraan Lanjut Usia (1998).
- Undang-undang Republik Indonesia Nomor 20 Tahun 2003 tentang Sistem Pendidikan Nasional (2003).
- Wang, Y. X., Li, Y., Rich-Edwards, J. W., Florio, A. A., Shan, Z., Wang, S., Manson, J. A. E., Mukamal, K. J., Rimm, E. B., & Chavarro, J. E. (2022). Associations of Birth Weight and Later Life Lifestyle Factors with Risk of Cardiovascular Disease in the USA: A Prospective Cohort Study. *eClinicalMedicine*, 51(101570), 1–13. <https://doi.org/10.1016/j.eclinm.2022.101570>
- WHO. (2012). *Global Physical Activity Questionnaire (GPAQ) Analysis Guide*. Geneva. <https://www.who.int/docs/default-source/ncds/ncd-surveillance/gpaq-analysis-guide.pdf>
- Xiuyun, W., Qian, W., Minjun, X., Weidong, L., & Lizhen, L. (2020). Education and Stroke: Evidence from Epidemiology and Mendelian Randomization Study. *Scientific Reports*, 10(1), 1–11. <https://doi.org/10.1038/s41598-020-78248-8>
- Zeng, X., & Yang, Y. (2024). Molecular Mechanisms Underlying Vascular Remodeling in Hypertension. *Reviews in Cardiovascular Medicine*, 25(2), 1–14. <https://doi.org/doi.org/10.31083/j.rcm2502072>
- Zhong, C., Voutsinas, J., Willey, J. Z., Lakshminarayan, K., Lacey Jr., J. V., Chung, N. T., Woo, D., Elkind, M. S. V., & Wang, S. S. (2020). Physical Activity, Hormone Therapy Use, and Stroke Risk among Women in the California Teachers Study Cohort. *Neuroepidemiology*, 54(4), 320–325. <https://doi.org/10.1159/000505970>
- Zhu, J., Lin, L., Si, L., Zhao, H., Song, H., & Xu, X. (2025). Urban and Rural Disparities in Stroke Prediction using Machine Learning among Chinese Older

Adults. *Scientific Reports*, 15(6779), 1–9.
<https://doi.org/doi.org/10.1038/s41598-025-91157-y>