

### Daftar Pustaka

- Abate, A. T., Bayu, N., & Mariam, T. G. (2019). Hypertensive Patients' Knowledge of Risk Factors and Warning Signs of Stroke at Felege Hiwot Referral Hospital, Northwest Ethiopia: A Cross-Sectional Study. *Neurology Research International*, 2019, 8570428. <https://doi.org/10.1155/2019/8570428>
- Aidha, Z., Harahap, R. A., & A, D. A. (2020). Characteristics of Hypertension Patients in Coastal District Percut Sei Tuan. *J-Kesmas: Jurnal Fakultas Kesehatan Masyarakat (The Indonesian Journal of Public Health)*, 7(2), 55. <https://doi.org/10.35308/j-kesmas.v7i2.1673>
- Alfaqeeh, M., Alfian, S., & Abdulah, R. (2023). Factors Associated with Hypertension Among Adults: A Cross-Sectional Analysis of the Indonesian Family Life Survey. *Vascular Health and Risk Management*, Volume 19, 827–836. <https://doi.org/10.2147/VHRM.S438180>
- Alotaibi, M., Alotaibi, F. F., Alkhodair, Y., Falatah, E., & Almutairi, H. A. (2017). *Knowledge and Attitude of Stroke Among Saudi Population in Riyadh, Kingdom of Saudi Arabia*. <https://www.semanticscholar.org/paper/Knowledge-and-Attitude-of-Stroke-Among-Saudi-in-of-Alotaibi-Alotaibi/0a02b48d4e2ba7f5a70f07613c31e63aee9d01e3>
- Alrawili, N. K. A., Alanazi, S. N., Alanazi, S. N., Rikabi, H. A., Abdulkareem, E. M., & Eltaib, L. (2025). Public awareness and knowledge of stroke risk factors and symptoms in Saudi Arabia: A cross-sectional study. *ARYA Atherosclerosis*, 21(4), 26–35. <https://doi.org/10.48305/arya.2025.43466.3027>
- Ambarika, R., & Anggraini, N. A. (2022). Golden Period in Terms of Knowledge Family of Early Detection of Stroke for Stroke Patients in Installation of Emergency. *Malaysian Journal of Medical Research (MJMR)*, 6(3), 30–34. <https://doi.org/10.31674/mjmr.2022.v6i03.004>
- Amen, M. R. (2016). Assessment of hypertensive patients' knowledge about lifestyle risk factors and warning signs of stroke. *Journal of Contemporary Medical Sciences*, 2(5), 28–32. <https://doi.org/10.22317/jcems.v2i5.64>
- Ampiah, P. K. (2018). Ampiah\_et\_al., 2018 Knowledge of Stroke among Hypertensive-Diabetic Patients at the National Diabetes Management and Research Centre of Korle-Bu Teaching Hospital in Ghana. *Journal of Preventive and Rehabilitative Medicine*, 1(1), 46–62. <https://journals.unza.zm/index.php/medicine/article/view/31>
- Andini, F. A. D., & Siregar, A. Y. M. (2024). Work hours and the risk of hypertension: The case of Indonesia. *BMC Public Health*, 24(1), 2480. <https://doi.org/10.1186/s12889-024-20003-z>



R., Avianty, I., & Nasution, A. (2019). FAKTOR-FAKTOR YANG ERHUBUNGAN DENGAN KEJADIAN HIPERTENSI PADA IBU RUMAH ANGGA DI PUSKEMAS GANG AUT KELURAHAN PALEDANG

KECAMATANBOGOR TENGAH KOTA BOGOR TAHUN 2018. *PROMOTOR*, 2(1), 59–63. <https://doi.org/10.32832/pro.v2i1.1790>

Arisegi, S. A., Awosan, K. J., Oche, M. O., Sabir, A. A., & Ibrahim, M. T. (2018). Knowledge and practices related to stroke prevention among hypertensive and diabetic patients attending Specialist Hospital, Sokoto, Nigeria. *The Pan African Medical Journal*, 29, 63. <https://doi.org/10.11604/pamj.2018.29.63.13252>

Ashraf, V. V., Maneesh, M., Praveenkumar, R., Saifudheen, K., & Girija, A. S. (2015). Factors delaying hospital arrival of patients with acute stroke. *Annals of Indian Academy of Neurology*, 18(2), 162–166. <https://doi.org/10.4103/0972-2327.150627>

Attakorah, J., Mensah, K. B., Yamoah, P., Bangalee, V., & Oosthuizen, F. (2024). Awareness of stroke, its signs, and risk factors: A cross-sectional population-based survey in Ghana. *Health Science Reports*, 7(6), e2179. <https://doi.org/10.1002/hsr2.2179>

Bajandouh, W. M., Alotaibi, T. N., Alharbi, A. R., Alzahrani, S. A., Alghamdi, G. A., Aleissi, A. H., Rashed, A., & Shatla, M. (2024). Stroke Knowledge and Response Among the General Population in Saudi Arabia: A Population-Based Survey. *Cureus*. <https://doi.org/10.7759/cureus.65587>

Bakraa, R., Aldhaheeri, R., Barashid, M., Benafeef, S., Alzahrani, M., Bajaba, R., Alshehri, S., & Alshibani, M. (2021). Stroke Risk Factor Awareness Among Populations in Saudi Arabia. *International Journal of General Medicine*, 14, 4177–4182. <https://doi.org/10.2147/IJGM.S325568>

Banerjee, C., Moon, Y. P., Paik, M. C., Rundek, T., Mora-McLaughlin, C., Vieira, J. R., Sacco, R., & Elkind, M. S. V. (2012). Duration of diabetes and risk of ischemic stroke: The northern manhattan study. *Stroke*, 43(5), 1212–1217. <https://doi.org/10.1161/STROKEAHA.111.641381>.Duration

Boateng, E. B., & Ampofo, A. G. (2023). A glimpse into the future: Modelling global prevalence of hypertension. *BMC Public Health*, 23(1), 1906. <https://doi.org/10.1186/s12889-023-16662-z>

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>

Caplan, L. R. (2016). *Caplan's Stroke: A Clinical Approach* (L. R. Caplan, Ed.). Cambridge University Press. <https://doi.org/10.1017/CBO9781316095805>

Chin, J., Madison, A., Gao, X., Graumlich, J. F., Conner-Garcia, T., Murray, M. D., Stine-Morrow, E. A. L., & Morrow, D. G. (2017). Cognition and Health Literacy in Older adults' Recall of Self-Care Information. *The Gerontologist*, 57(2), 261–268. [tps://doi.org/10.1093/geront/gnv091](https://doi.org/10.1093/geront/gnv091)



M., Chia, Y. C., Devaraj, N. K., Lim, H. M., & Beh, H. C. (2023). PS-P06-6: ENDER DIFFERENCES ON DETERMINANTS OF GOOD KNOWLEDGE

ON RECOGNITION OF STROKE SYMPTOMS AND ACTIONS DURING A STROKE AMONG HYPERTENSIVE PATIENT. *Journal of Hypertension*, 41(Suppl 1), e254. <https://doi.org/10.1097/01.hjh.0000915312.80364.98>

Choi, J.-H., Park, J.-H., & Choi, B.-G. (2022). Association between Education Level and Hypertension in Korean Adults Over 30 Years Old: Korea National Health and Nutrition Examination Survey 2019. *Korean Journal of Family Practice*, 12(4), 247–253. <https://doi.org/10.21215/kjfp.2022.12.4.247>

Chugh, C. (2019). Acute ischemic stroke: Management approach. *Indian Journal of Critical Care Medicine*, 23, S140–S146. <https://doi.org/10.5005/jp-journals-10071-23192>

Clark, J. M., & Renier, S. A. (2001). A community stroke study: Factors influencing stroke awareness and hospital arrival time. *Journal of Stroke and Cerebrovascular Diseases: The Official Journal of National Stroke Association*, 10(6), 274–278. <https://doi.org/10.1053/jscd.2001.123774>

Coelho, D. M., De Souza Andrade, A. C., Silva, U. M., Lazo, M., Slesinski, S. C., Quistberg, A., Diez-Roux, A. V., De Lima Friche, A. A., & Caiaffa, W. T. (2023). Gender differences in the association of individual and contextual socioeconomic status with hypertension in 230 Latin American cities from the SALURBAL study: A multilevel analysis. *BMC Public Health*, 23(1), 1532. <https://doi.org/10.1186/s12889-023-16480-3>

Dar, N. Z., Khan, S. A., Ahmad, A., & Maqsood, S. (2019). Awareness of Stroke and Health-seeking Practices among Hypertensive Patients in a Tertiary Care Hospital: A Cross-sectional Survey. *Cureus*, 11(5). <https://doi.org/10.7759/cureus.4774>

Di Pilla, M., Bruno, R. M., Taddei, S., & Viridis, A. (2016). Gender differences in the relationships between psychosocial factors and hypertension. *Maturitas*, 93, 58–64. <https://doi.org/10.1016/j.maturitas.2016.06.003>

Dinas Kesehatan Kota Makassar. (2022). *Profil Dinas Kesehatan Kota Makassar*. <https://www.dinkeskotamakassar.id/wp-content/uploads/2022/12/PROFIL-DINKES-MAKASSAR-2021.pdf>

Dinas Kesehatan Kota Makassar. (2024). *Capaian Hipertensi 2023*.

Ennen, K. A., & Zerwic, J. (2010). Stroke Knowledge: How is it Impacted by Rural Location, Age, and Gender? *Online Journal of Rural Nursing and Health Care*, 10(1), 9–21. <https://doi.org/10.14574/ojrmhc.v10i1.66>

Febriyanti, L. A., Malikurrizki, B., Avishena, H., Ika Tuzzaroh, D. P., Setyaningrum, F. B., Sartika, L. D., Rayhan, M. N., Korniwati, L., Farahdiba, A., Fauzi, R. A., Lumayung, Y., Pramudita, M. C., & Puspita, A. C. D. (2024). Skrining Hipertensi pada Lansia: Deteksi Dini untuk Peningkatan Kualitas Hidup. *JURNAL INOVASI AN PENGABDIAN MASYARAKAT INDONESIA*, 3(3), 24–27. <https://doi.org/10.26714/jipmi.v3i3.696>



- Feigin, V. L., Stark, B. A., Johnson, C. O., Roth, G. A., Bisignano, C., Abady, G. G., Abbasifard, M., Abbasi-Kangevari, M., Abd-Allah, F., Abedi, V., Abualhasan, A., Abu-Rmeileh, N. M., Abushouk, A. I., Adebayo, O. M., Agarwal, G., Agasthi, P., Ahinkorah, B. O., Ahmad, S., Ahmadi, S., ... Murray, C. J. L. (2021). Global, regional, and national burden of stroke and its risk factors, 1990–2019: A systematic analysis for the Global Burden of Disease Study 2019. *The Lancet Neurology*, 20(10), 795–820. [https://doi.org/10.1016/S1474-4422\(21\)00252-0](https://doi.org/10.1016/S1474-4422(21)00252-0)
- Fry, J. M., Antoniadou, J., Temple, J. B., Osborne, R. H., Cheng, C., Hwang, K., & Brijnath, B. (2024). Health literacy and older adults: Findings from a national population-based survey. *Health Promotion Journal of Australia*, 35(2), 487–503. <https://doi.org/10.1002/hpja.779>
- Getu, R. A., Aga, F., Badada, T., Workie, S. G., Belew, M. A., & MekonnenRN, K. (2023). Knowledge of stroke risk factors and warning symptoms among adults with type 2 diabetes in Addis Ababa, Ethiopia, 2021: An institution-Based cross-sectional study. *BMC Cardiovascular Disorders*, 23, 21. <https://doi.org/10.1186/s12872-022-03031-8>
- Giena, V. P., Thongpat, S., & Nitirat, P. (2018). Predictors of health-promoting behaviour among older adults with hypertension in Indonesia. *International Journal of Nursing Sciences*, 5(2), 201–205. <https://doi.org/10.1016/j.ijnss.2018.04.002>
- Guwatudde, D., Nankya-Mutyoba, J., Kalyesubula, R., Laurence, C., Adebamowo, C., Ajayi, I., Bajunirwe, F., Njelekela, M., Chiwanga, F. S., Reid, T., Volmink, J., Adami, H.-O., Holmes, M. D., & Dalal, S. (2015). The burden of hypertension in sub-Saharan Africa: A four-country cross sectional study. *BMC Public Health*, 15(1), 1211. <https://doi.org/10.1186/s12889-015-2546-z>
- Hakim, W., B, N. H., Puspitasari, A., Rahman, H., & Sartika. (2024). Faktor Yang Berhubungan Dengan Hipertensi Di Wilayah Kerja Puskesmas Barana Kecamatan Bangkala Barat Jeneponto. *Window of Public Health Journal*, 5(1), 58–68. <https://doi.org/10.33096/woph.v5i1.568>
- Hatano, S. (1976). Experience from a multicentre stroke register: A preliminary report. *Bulletin of the World Health Organization*, 54(5), 541–553.
- He, F. J., Tan, M., Ma, Y., & MacGregor, G. A. (2020). Salt Reduction to Prevent Hypertension and Cardiovascular Disease. *JACC*, 75(6), 632–647. <https://doi.org/10.1016/j.jacc.2019.11.055>
- Hickey, A., O'Hanlon, A., McGee, H., Donnellan, C., Shelley, E., Horgan, F., & O'Neill, D. (2009). Stroke awareness in the general population: Knowledge of stroke risk factors and warning signs in older adults. *BMC Geriatrics*, 9(1), 35. <https://doi.org/10.1186/1471-2318-9-35>
- ጅ., Muntner, P., Lackland, D. T., Plante, T. B., Cushman, M., Stamm, B., Judd, S., & Howard, V. J. (2025). Association of Duration of Recognized Hypertension and Stroke Risk: The REGARDS Study. *Stroke*, 56(1), 105–112. <https://doi.org/10.1161/STROKEAHA.124.048385>



- Hussain, M. A., Mamun, A. A., Reid, C., & Huxley, R. R. (2016). Prevalence, Awareness, Treatment and Control of Hypertension in Indonesian Adults Aged  $\geq 40$  Years: Findings from the Indonesia Family Life Survey (IFLS). *PLOS ONE*, *11*(8), e0160922. <https://doi.org/10.1371/journal.pone.0160922>
- Indrawati, A. L., & Martini, S. (2021). Relationship between Exposure to Cigarette Smoke in Houses and The Incidence of Hypertension in Housewives. *Jurnal Berkala Epidemiologi*, *9*(2), 175–183. <https://doi.org/10.20473/jbe.V9I22021.175-183>
- Joshi, H. P., Bhattad, R., Shyam, A. K., & Sancheti, P. K. (2022). Awareness of risk factors and early signs of stroke in high risk population of Pune region. *International Journal Of Community Medicine And Public Health*, *9*(3), 1332–1337. <https://doi.org/10.18203/2394-6040.ijcmph20220691>
- Joveini, H., Rohban, A., Askarian, P., Maheri, M., & Hashemian, M. (2019). Health literacy and its associated demographic factors in 18–65-year-old, literate adults in Bardaskan, Iran. *Journal of Education and Health Promotion*, *8*(1). [https://doi.org/10.4103/jehp.jehp\\_26\\_19](https://doi.org/10.4103/jehp.jehp_26_19)
- Kemendes RI. (2013). *Riset Kesehatan Dasar (RISKESDAS) 2013*. Badan Penelitian dan Pengembangan Kesehatan.
- Kemendes RI. (2016). *Permenkes Nomor 25 Tahun 2016*.
- Kemendes RI. (2019). *Laporan Nasional Riskesdas 2018*. Badan Penelitian dan Pengembangan Kesehatan.
- Kemendes RI. (2023). *Profil Kesehatan Indonesia 2022*. Kementerian Kesehatan Republik Indonesia. <https://kemkes.go.id/id/indonesia-health-profile-2022>
- Kemendes RI. (2024a). *Laporan Tematik Survei Kesehatan Indonesia 2023*.
- Kemendes RI. (2024b). *Survei Kesehatan Indonesia Dalam Angka 2023*.
- Kharbach, A., Obtel, M., Achbani, A., Bouchriti, Y., Hassouni, K., Lahlou, L., & Razine, R. (2020). Level of Knowledge on Stroke and Associated Factors: A Cross-Sectional Study at Primary Health Care Centers in Morocco. *Annals of Global Health*, *86*(1), 83. <https://doi.org/10.5334/aogh.2885>
- Khonde Kumbu, R., Matondo, H., Labat, A., Kianu, B., Godin, I., Kiyombo, G., & Coppieters, Y. (2023). Job stress, a source of hypertension among workers in Sub-Saharan Africa: A scoping review. *BMC Public Health*, *23*(1), 2316. <https://doi.org/10.1186/s12889-023-17248-5>
- Kissela, B. M., Khoury, J. C., Alwell, K., Moomaw, C. J., Woo, D., Adeoye, O., Flaherty, M. L., Khatri, P., Ferioli, S., De Los Rios La Rosa, F., Broderick, J. P., & Kleindorfer, D. O. (2012). Age at stroke. *Neurology*, *79*(17), 1781–1787. <https://doi.org/10.1212/wnl.0b013e318270401d>
- , D., & Xiao, Z. (2020). Pathophysiology and Treatment of Stroke: Present Status and Future Perspectives. *International Journal of Molecular Sciences*, *21*(20), 509. <https://doi.org/10.3390/ijms21207609>



- Lääti, A., Somerpalo, O., Teppo, K., Vire, J., Viitanen, M., & Langén, V. (2025). Association between educational attainment and blood pressure in older adults: A study of two Finnish generational cohorts born 20 years apart. *International Journal of Cardiology Cardiovascular Risk and Prevention*, 25, 200412. <https://doi.org/10.1016/j.ijcrp.2025.200412>
- Lawrence, M. R., & Wilson, R. (2023). Awareness of stroke warning signs, risk factors and response to stroke: A hospital based survey. *International Journal of Research in Medical Sciences*, 11(7), 2550–2553. <https://doi.org/10.18203/2320-6012.ijrms20232098>
- Leszczak, J., Czenczek-Lewandowska, E., Asif, M., Baran, J., Mazur, A., & Wyszyńska, J. (2024). Risk factors and prevalence of hypertension in older adults from south-eastern Poland: An observational study. *Scientific Reports*, 14(1), 1450. <https://doi.org/10.1038/s41598-024-52009-3>
- Li, C., Engström, G., Hedblad, B., Berglund, G., & Janzon, L. (2005). Blood Pressure Control and Risk of Stroke: A Population-Based Prospective Cohort Study. *Stroke*, 36(4), 725–730. <https://doi.org/10.1161/01.STR.0000158925.12740.87>
- Li, Z.-R., Ruan, H.-F., Shen, L.-P., Zhang, X.-P., & Wan, L.-H. (2021). Gender Difference in the Association Between Stroke Knowledge and Health Behavior Before the Onset of Stroke Among Chinese Hypertensive Patients. *Journal of Neuroscience Nursing*, 53(4), 160–165. <https://doi.org/10.1097/JNN.0000000000000599>
- Ling, Q., Dong, X., Bai, J., Deng, Y., Song, Q., & Cai, J. (2024). Impact of Hypertension Duration on the Cardiovascular Benefit of Intensive Blood Pressure Control. *Hypertension*, 81(9), 1945–1955. <https://doi.org/10.1161/HYPERTENSIONAHA.124.23439>
- Madsen, T. E., Baird, K. A., Silver, B., & Gjelsvik, A. (2015). Analysis of Gender Differences in Knowledge of Stroke Warning Signs. *Journal of Stroke and Cerebrovascular Diseases*, 24(7), 1540–1547. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2015.03.017>
- Masturoh, I., & Anggita, N. (2018). *Metodologi Penelitian Kesehatan*. Kementerian Kesehatan RI. Jakarta Selatan: Pusat Pendidikan Sumber Daya Manusia.
- McCance, K. L., & Huether, S. E. (2018). *Pathophysiology The Biologic Basis for Disease in Adult and Children*. Elsevier. <https://www.elsevier-elibrary.com/product/pathophysiology-ebook>
- Mills, K. T., Stefanescu, A., & He, J. (2020). The global epidemiology of hypertension. *Nature Reviews Nephrology*, 16(4), 223–237. <https://doi.org/10.1038/s41581-019-0244-2>
- D., & Mutnawasitoh, A. R. (2024). Hubungan Tingkat Pendidikan dengan pengetahuan Stroke pada Lansia. *Care : Jurnal Ilmiah Ilmu Kesehatan*, 12(1), 114–124. <https://doi.org/10.33366/jc.v12i1.5024>



- Mohamed Mustafa, R. A. M., Abd Aziz, N. A., & Ali, M. F. (2025). Awareness of Stroke Risk Factors, Warning Signs, and Health-Seeking Behaviors Among Adults With Cardio-Metabolic Risk Attending a Primary Care Clinic in Malacca, Malaysia. *Cureus*. <https://doi.org/10.7759/cureus.86484>
- Mohanty, P., Patnaik, L., Nayak, G., & Dutta, A. (2022). Gender difference in prevalence of hypertension among Indians across various age-groups: A report from multiple nationally representative samples. *BMC Public Health*, 22(1), 1524. <https://doi.org/10.1186/s12889-022-13949-5>
- Muli, S., Meisinger, C., Heier, M., Thorand, B., Peters, A., & Amann, U. (2020). Prevalence, awareness, treatment, and control of hypertension in older people: Results from the population-based KORA-age 1 study. *BMC Public Health*, 20(1), 1049. <https://doi.org/10.1186/s12889-020-09165-8>
- Murphy, S. J., & Werring, D. J. (2023). Stroke: Causes and clinical features. *Medicine (United Kingdom)*, 51(9), 602–607. <https://doi.org/10.1016/j.mpmed.2023.06.003>
- Musnelina, L., Putri, E. T., & Ayunda, R. W. (2024). Hubungan Tingkat Pengetahuan dengan Sikap dan Perilaku Masyarakat terhadap Penatalaksanaan Obat Antihipertensi. *Jurnal Kesmas Jambi*, 8(1), 11–18. <https://doi.org/10.22437/jkmj.v8i1.32098>
- Musuka, T. D., Wilton, S. B., Traboulsi, M., & Hill, M. D. (2015). Diagnosis and management of acute ischemic stroke: Speed is critical. *Canadian Medical Association Journal*, 187(12), 887–893. <https://doi.org/10.1503/cmaj.140355>
- Nayak, G., Ghosal, S., Ghosal, J., & Dutta, A. (2023). What causes concordance of hypertension between spouses in India? Identifying a critical knowledge gap from a nationally representative cross-sectional sample of 63,020 couples aged 15 + years. *BMC Public Health*, 23(1), 1434. <https://doi.org/10.1186/s12889-023-16379-z>
- Nielsen, J., Shivashankar, R., Cunningham, S. A., Prabhakaran, D., Tandon, N., Mohan, V., Iqbal, R., Narayan, K. V., Ali, M. K., & Patel, S. A. (2023). Couple concordance in diabetes, hypertension and dyslipidaemia in urban India and Pakistan and associated socioeconomic and household characteristics and modifiable risk factors. *Journal of Epidemiology and Community Health*, 77(5), 336–342. <https://doi.org/10.1136/jech-2022-219979>
- Nigat, A. B., Abate, M. W., Demelash, A. T., Tibebu, N. S., Tiruneh, C. M., Emiru, T. D., Abdu Yimam, M., Nega, A. D., & Yimer, Y. S. (2021). Knowledge on Stroke Warning Signs and Associated Factors Among Hypertensive Patients, Northwest Ethiopia: An Institution-Based Cross-Sectional Study. *Vascular Health and Risk Management*, 17, 721–728. <https://doi.org/10.2147/VHRM.S333394>
- J. P. S., Effendi, S. U., & Salim, H. K. (2022). Karakteristik Penderita Hipertensi i Puskesmas Telaga Dewa Kota Bengkulu. *Jurnal Ilmu Kedokteran dan Kesehatan*, 9(2). <https://doi.org/10.33024/jikk.v9i2.6907>



- Nurdiantami, Y., Watanabe, K., Tanaka, E., Pradono, J., & Anme, T. (2018). Association of general and central obesity with hypertension. *Clinical Nutrition*, 37(4), 1259–1263. <https://doi.org/10.1016/j.clnu.2017.05.012>
- Nursiswati. et al. (2023). Psychometric properties Indonesian stroke recognition questionnaire (srq) untuk pasien dengan hipertensi. *Jurnal Keperawatan Sriwijaya*, 10, 1–9.
- O'Donnell, M. J., Xavier, D., Liu, L., Zhang, H., Chin, S. L., Rao-Melacini, P., Rangarajan, S., Islam, S., Pais, P., McQueen, M. J., Mondo, C., Damasceno, A., Lopez-Jaramillo, P., Hankey, G. J., Dans, A. L., Yusuf, K., Truelsen, T., Diener, H.-C., Sacco, R. L., ... Yusuf, S. (2010). Risk factors for ischaemic and intracerebral haemorrhagic stroke in 22 countries (the INTERSTROKE study): A case-control study. *The Lancet*, 376(9735), 112–123. [https://doi.org/10.1016/S0140-6736\(10\)60834-3](https://doi.org/10.1016/S0140-6736(10)60834-3)
- Oh, G.-J., Lee, K., Kim, K., & Lee, Y.-H. (2019). Differences in the awareness of stroke symptoms and emergency response by occupation in the Korean general population. *PLoS ONE*, 14(6), e0218608. <https://doi.org/10.1371/journal.pone.0218608>
- Osman, W. A., Ahmed, H. M., Abdullahi, M. M., Kuule, A. A., & Hassan, Q. B. (2024). Knowledge, Attitude, and Practice of Stroke Among Hypertensive Patients in Selected Hospitals, Mogadishu: A Cross-Sectional Study. *Health Science Reports*, 7(12), e70242. <https://doi.org/10.1002/hsr2.70242>
- Pandian, J. D., Padma Srivastava, M. V., Aaron, S., Ranawaka, U. K., Venketasubramanian, N., Sebastian, I. A., Injety, R. J., Gandhi, D. B. C., Chawla, N. S., Vijayanand, P. J., Rangamani, S., & Kalkonde, Y. V. (2023). The burden, risk factors and unique etiologies of stroke in South-East Asia Region (SEAR). *The Lancet Regional Health - Southeast Asia*, 17, 100290. <https://doi.org/10.1016/j.lansea.2023.100290>
- Park, Y. S., Lee, C.-H., Kim, Y.-I., Ahn, C. M., Kim, J. O., Park, J.-H., Lee, S. H., Kim, J. Y., Chun, E. M., Jung, T.-H., & Yoo, K.-H. (2018). Association between secondhand smoke exposure and hypertension in never smokers: A cross-sectional survey using data from Korean National Health and Nutritional Examination Survey V, 2010–2012. *BMJ Open*, 8(5), e021217. <https://doi.org/10.1136/bmjopen-2017-021217>
- Patidar, N., Talagatoti, D. R. P., Gaur, R., Khan, I., Thakur, N., Patidar, N., Talagatoti, D. R. P., Gaur, R., Khan, I., & Thakur, N. (2025). Awareness of Stroke and Preventive Measures Among Hypertensive Patients in a Tertiary Care Hospital: A Cross-Sectional Survey. *Cureus*, 17(4). <https://doi.org/10.7759/cureus.83222>
- Peltzer, K., & Pengpid, S. (2018). The Prevalence and Social Determinants of Hypertension among Adults in Indonesia: A Cross-Sectional Population-Based National Survey. *International Journal of Hypertension*, 2018, 5610725. <https://doi.org/10.1155/2018/5610725>



- Prasetyo, E. (2018). Faktor-faktor yang Mempengaruhi Keterlambatan Pasien Stroke Akut Datang ke Lima Rumah Sakit Pemerintah di DKI Jakarta. *Majalah Kesehatan Pharmamedika*, 9(1), 40–52. <https://doi.org/10.33476/mkp.v9i1.674>
- Priyono. (2014). *Metode Penelitian Kuantitatif*. Zifatama Publisher.
- Pu, L., Wang, L., Zhang, R., Zhao, T., Jiang, Y., & Han, L. (2023). Projected Global Trends in Ischemic Stroke Incidence, Deaths and Disability-Adjusted Life Years From 2020 to 2030. *Stroke*, 54(5), 1330–1339. <https://doi.org/10.1161/STROKEAHA.122.040073>
- Qalsum, U., & Abidin, W. (2023). Klasifikasi Penyakit Hipertensi Menggunakan Metode K-Means Clustering. *Jurnal MSA ( Matematika dan Statistika serta Aplikasinya)*, 11(2), 124–128. <https://doi.org/10.24252/msa.v11i2.45291>
- Rachmawati, D., Andarini, S., & DK, N. (2017). The Effect of Family Knowledge on Acute Ischemic Stroke Patients ' Arrival Delay at Emergency. *Jurnal Kedokteran Brawijaya*, 29(04), 369–376.
- Rahmadini, U., Utomo, W., & Lestari, W. (2022). GAMBARAN TINGKAT PENGETAHUAN TENTANG STROKE PADA PENDERITA HIPERTENSI SELAMA MASA PANDEMI COVID-19. *Jurnal Online Mahasiswa (JOM) Bidang Ilmu Keperawatan*, 9(2), 35–41. <https://jom.unri.ac.id/index.php/JOMPSIK/article/view/32976>
- Rahmawati, T. Q., & Waladani, B. (2024). Overview of Knowledge in Patients with Hypertension for Stroke Prevention at the Work Area of the Kejobong Health Center: Gambaran Pengetahuan pada Penderita Hipertensi dalam Upaya Pencegahan Stroke di Wilayah Kerja Puskesmas Kejobong. *Prosiding University Research Colloquium*, 53–57. <https://www.repository.urecol.org/index.php/proceeding/article/view/2895>
- Rahmina, Y., Wahid, A., & Agustina, R. (2017). Tingkat Pendidikan Keluarga Terhadap Golden Hour Pasien Stroke Di Rsud Ulin Banjarmasin. *Dunia Keperawatan*, 5(1), 68–77. <https://doi.org/10.20527/dk.v5i1.3644>
- Rahut, D. B., Mishra, R., Sonobe, T., & Timilsina, R. R. (2023). Prevalence of prehypertension and hypertension among the adults in South Asia: A multinomial logit model. *Frontiers in Public Health*, 10, 1006457. <https://doi.org/10.3389/fpubh.2022.1006457>
- Ramadan, A., Kharaba, Z., Ghemrawi, R., Elnour, A. A., Hussain, N., Kouhgard, P., Al-Damook, N., Abou Hait, S., Al Ghanem, L., Atassi, R., Chkh Sobeh, R., & Z. Al Meslamani, A. (2023). Assessment of Knowledge and attitude towards Stroke among the UAE population during the COVID-19 pandemic: A cross-sectional study. *F1000Research*, 12, 322. <https://doi.org/10.12688/f1000research.129873.2>



Moreno, J. M., Alonso-González, R., Peral-Pacheco, D., Millán-Núñez, M. V., & guirre-Sánchez, J. J. (2015). Knowledge of stroke a study from a sex perspective. *MC Research Notes*, 8, 604. <https://doi.org/10.1186/s13104-015-1582-1>

- Sahirah, R., Ikhsan, M., & Nadira, C. S. (2023). Gambaran Tingkat Pengetahuan Paramedis tentang Pencegahan Primer Stroke di Rumah Sakit Umum Cut Meutia Aceh Utara. *GALENICAL : Jurnal Kedokteran Dan Kesehatan Mahasiswa Malikussaleh*, 2(6), 102–113. <https://doi.org/10.29103/jkkmm.v2i6.12436>
- Sakir, N. A. I., Hwang, S. B., Park, H. J., & Lee, B.-H. (2024). Associations between food consumption/dietary habits and the risks of obesity, type 2 diabetes, and hypertension: A cross-sectional study in Jakarta, Indonesia. *Nutrition Research and Practice*, 18(1), 132–148. <https://doi.org/10.4162/nrp.2024.18.1.132>
- Setyopranoto, I., Upoyo, A. S., Isworo, A., Sari, Y., & Vidyanti, A. N. (2022). Awareness of Being at Risk of Stroke and Its Determinant Factors among Hypertensive Patients in Banyumas, Indonesia. *Stroke Research and Treatment*, 2022, 4891134. <https://doi.org/10.1155/2022/4891134>
- Solon, M., Putri, O. L., & Naing, P. M. (2018). PENGARUH EDUKASI DENGAN PENDEKATAN TEORI MODEL BEHAVIORAL SYSTEM DOROTHY E. JOHNSON TERHADAP PENURUNAN TEKANAN DARAH PADA PASIEN HIPERTENSI DI PUSKESMAS JONGAYA KECAMATAN TAMALATE KOTA MAKASSAR. *Jurnal Mitrasedhat*, 8(1), 110–117. <https://doi.org/10.51171/jms.v8i1.367>
- Stamler, J., Chan, Q., Daviglius, M. L., Dyer, A. R., Van Horn, L., Garside, D. B., Miura, K., Wu, Y., Ueshima, H., Zhao, L., Elliott, P., & for the INTERMAP Research Group. (2018). Relation of Dietary Sodium (Salt) to Blood Pressure and Its Possible Modulation by Other Dietary Factors. *Hypertension*, 71(4), 631–637. <https://doi.org/10.1161/HYPERTENSIONAHA.117.09928>
- Sug Yoon, S., Heller, R. F., Levi, C., Wiggers, J., & Fitzgerald, P. E. (2001). Knowledge of Stroke Risk Factors, Warning Symptoms, and Treatment Among an Australian Urban Population. *Stroke*, 32(8), 1926–1930. <https://doi.org/10.1161/01.STR.32.8.1926>
- Sugiyono. (2015). *Metode Penelitian Pendidikan Pendekatan Kuantitatif, Kualitatif, dan R&D*. Bandung: Alfabeta.
- Sulaiman, N. M., Handajani, Y. S., & Turana, Y. (2023). 16. Obesity is a Major Cause of Hypertension in the Elderly in Indonesia. *Journal of Hypertension*, 41(Suppl 2), e4. <https://doi.org/10.1097/01.hjh.0000935444.78126.cf>
- Sun, K., Lin, D., Li, M., Mu, Y., Zhao, J., Liu, C., Bi, Y., Chen, L., Shi, L., Li, Q., Yang, T., Wan, Q., Wu, S., Wang, G., Luo, Z., Qin, Y., Tang, X., Chen, G., Huo, Y., ... Yan, L. (2022). Association of education levels with the risk of hypertension and hypertension control: A nationwide cohort study in Chinese adults. *Journal of Epidemiology and Community Health*, 76(5), 451–457. <https://doi.org/10.1136/jech-2021-217006>
- AlHarbi, A. A., Samarkandi, O. A., Alobaid, A. M., & Alsulaim, I. N. (2023). avigating the Knowledge of Risk Factors, Warning Signs, of Stroke—A community-Based Cross-Sectional Study Among Saudi Adults in Riyadh Saudi



Arabia. *International Journal of General Medicine*, 16, 5869–5883. <https://doi.org/10.2147/IJGM.S437941>

- Tamura, T., Kadomatsu, Y., Tsukamoto, M., Okada, R., Sasakabe, T., Kawai, S., Hishida, A., Hara, M., Tanaka, K., Shimoshikiryo, I., Takezaki, T., Watanabe, I., Matsui, D., Nishiyama, T., Suzuki, S., Endoh, K., Kuriki, K., Kita, Y., Katsura-Kamano, S., ... Wakai, K. (2018). Association of exposure level to passive smoking with hypertension among lifetime nonsmokers in Japan: A cross-sectional study. *Medicine*, 97(48), e13241. <https://doi.org/10.1097/MD.00000000000013241>
- Tan, C. X., Wong, S. C., Tan, S. S., & Tan, S. T. (2022). Knowledge, attitudes, and practices towards COVID-19 among undergraduates during emergency remote learning. *Discover Social Science and Health*, 2(1), 13. <https://doi.org/10.1007/s44155-022-00017-x>
- Tao, S., Sun, S., Wu, S., Peng, T., Cao, L., Yan, M., Ma, J., & Li, H. (2024). Current status and influencing factors of health literacy among older adults in combined medical and nursing care institutions: A cross-sectional study. *Frontiers in Public Health*, 11. <https://doi.org/10.3389/fpubh.2023.1323335>
- Thayabaranathan, T., Kim, J., Cadilhac, D. A., Thrift, A. G., Donnan, G. A., Howard, G., Howard, V. J., Rothwell, P. M., Feigin, V., Norrving, B., Owolabi, M., Pandian, J., Liu, L., & Olaiya, M. T. (2022). Global stroke statistics 2022. *International Journal of Stroke*, 17(9), 946–956. <https://doi.org/10.1177/17474930221123175>
- Tibebu, N. S., Emiru, T. D., Tiruneh, C. M., Nigat, A. B., Abate, M. W., & Demelash, A. T. (2021). Knowledge on Prevention of Stroke and Its Associated Factors Among Hypertensive Patients at Debre Tabor General Hospital: An Institution-Based Cross-Sectional Study. *Risk Management and Healthcare Policy*, 14, 1681–1688. <https://doi.org/10.2147/RMHP.S303876>
- Tuli, W., Teshome, E., & Jiru, T. (2024). Knowledge of stroke risk factors and prevention among hypertensive patients on follow-up at Addis Ababa University Tertiary Hospital, Addis Ababa, Ethiopia: A cross-sectional study. *BMJ Open*, 14(11), e089159. <https://doi.org/10.1136/bmjopen-2024-089159>
- Upoyo, A. S., Isworo, A., Sari, Y., Taufik, A., Sumeru, A., & Anam, A. (2021). Determinant factors stroke prevention behavior among hypertension patient in indonesia. *Open Access Macedonian Journal of Medical Sciences*, 9, 336–339. <https://doi.org/10.3889/oamjms.2021.6040>
- Usrin, I., Mutiara, E., & Yusad, Y. (2011). PENGARUH HIPERTENSI TERHADAP KEJADIAN STROKE ISKEMIK DAN STROKE HEMORAGIK DI RUANG NEUROLOGI DI RUMAH SAKIT STROKE NASIONAL (RSSN) BUKITTINGGI TAHUN 2011. *Neliti*.



S., Beulens, J. W. J., Van Ballegooijen, A. J., Grobbee, D. E., & Larsson, S. C. (2020). Association of Cardiovascular Risk Factors and Lifestyle Behaviors With hypertension: A Mendelian Randomization Study. *Hypertension*, 76(6), 1971–1979. <https://doi.org/10.1161/HYPERTENSIONAHA.120.15761>

- Varghese, J. S., Ghosh, A., Stein, A. D., Narayan, K. M. V., & Patel, S. A. (2024). The association of hypertension among married Indian couples: A nationally representative cross-sectional study. *Scientific Reports*, *14*, 10411. <https://doi.org/10.1038/s41598-024-61169-1>
- Venketasubramanian, N., Yoon, B. W., Pandian, J., & Navarro, J. C. (2017). Stroke epidemiology in south, east, and south-east asia: A review. *Journal of Stroke*, *19*(3), 286–294. <https://doi.org/10.5853/jos.2017.00234>
- Vriend, E. M. C., Galenkamp, H., van Valkengoed, I. G. M., & van den Born, B.-J. H. (2024). Sex disparities in hypertension prevalence, blood pressure trajectories and the effects of anti-hypertensive treatment. *Blood Pressure*, *33*(1), 2365705. <https://doi.org/10.1080/08037051.2024.2365705>
- Wahab, K. W., Kayode, O. O., & Musa, O. I. (2015). Knowledge of Stroke Risk Factors among Nigerians at High Risk. *Journal of Stroke and Cerebrovascular Diseases*, *24*(1), 125–129. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2014.07.053>
- Wang, L., Abualfoul, M., Oduor, H., Acharya, P., Cui, M., Murray, A., Dominguez, E., & Pagadala, M. (2022). A cross-sectional study of knowledge, attitude, and practice toward COVID-19 in solid organ transplant recipients at a transplant center in the United States. *Frontiers in Public Health*, *10*, 880774. <https://doi.org/10.3389/fpubh.2022.880774>
- Wang, Z., Wang, S., Lin, H., Wang, C., & Gao, D. (2024). Prevalence of hypertension and related risk factors in older Chinese population: A meta-analysis. *Frontiers in Public Health*, *12*, 1320295. <https://doi.org/10.3389/fpubh.2024.1320295>
- Wanichanon, W., Ananchaisarp, T., Buathong, N., & Choomalee, K. (2024). Knowledge and attitude towards stroke among the population of one rural community in southern Thailand: A survey. *BMJ Open*, *14*(2), e080269. <https://doi.org/10.1136/bmjopen-2023-080269>
- WHO. (2023). *Global report on hypertension: The race against a silent killer*.
- Woldetsadik, F. K., Kassa, T., Bilchut, W. H., Kibret, A. kassaw, Guadie, Y. G., & Eriku, G. A. (2022). Stroke Related Knowledge, Prevention Practices and Associated Factors Among Hypertensive Patients at University of Gondar Comprehensive Specialized Hospital, Northwest Ethiopia, 2021. *Frontiers in Neurology*, *13*. <https://doi.org/10.3389/fneur.2022.839879>
- Yang, Y., Liu, F., Wang, L., Li, Q., Wang, X., Chen, J. C., Wang, Q., Shen, H., Zhang, Y., Yan, D., Zhang, M., He, Y., Peng, Z., Wang, Y., Xu, J., Zhao, J., Zhang, Y., Zhang, H., Xin, X., ... Ma, X. (2017). Association of Husband Smoking With Wife's Hypertension Status in Over 5 Million Chinese Females Aged 20 to 49 Years. *Journal of the American Heart Association*, *6*(3), e004924. <https://doi.org/10.1161/JAHA.116.004924>
- ., Abraham, R., Surapaneni, A. L., Schlosser, P., Ballew, S. H., Ozkan, B., aherty, C. M., Yu, B., Bonventre, J. V., Parikh, C. R., Kimmel, P. L., Vasan, R., Coresh, J., & Grams, M. E. (2024). Sex Differences in Hypertension and Its



Management Throughout Life. *Hypertension*, 81(11), 2263–2274.  
<https://doi.org/10.1161/HYPERTENSIONAHA.124.22980>

Yuniati, N. I. (2022). Profil Pasien Hipertensi di Puskesmas Purwokerto Utara. *Jurnal Bina Cipta Husada: Jurnal Kesehatan Dan Science*, 18(1), 140–150.  
<https://jurnal.stikesbch.ac.id/index.php/jurnal/article/view/63>

Zeinalzadeh, M., Atalou, E., Ala, A., Poureskandari, M., & Shams Vahdati, S. (2025). Public Awareness of Stroke Symptoms in Developed and Developing Countries: A Systematic Review. *Journal of Caring Sciences*, 14(2), 116–126.  
<https://doi.org/10.34172/jcs.025.33452>

Zhao, Z., Jia, J., Lyu, X., Zhang, L., Wang, Y., He, Y., Peng, Z., Zhang, Y., Zhang, H., Wang, Q., Shen, H., Zhang, Y., Yan, D., Ma, X., & Yang, Y. (2024). Association of psychological stress with wives' hypertension across over 10 million Chinese married female population aged 20–49 years. *Chinese Medical Journal*, 137(13), 1583–1591. <https://doi.org/10.1097/CM9.0000000000003065>

Zheng, Y., Gao, X., Jia, H.-Y., Li, F.-R., & Ye, H. (2022). Influence of hypertension duration and blood pressure levels on cardiovascular disease and all-cause mortality: A large prospective cohort study. *Frontiers in Cardiovascular Medicine*, 9, 948707.  
<https://doi.org/10.3389/fcvm.2022.948707>

Zhong, X., Wang, J., He, L., & Xu, R. (2020). Recognition of stroke-related knowledge among community residents and the improvement after intensive health education: A cross-sectional study. *BMC Neurology*, 20(1), 373.  
<https://doi.org/10.1186/s12883-020-01951-6>

