

DAFTAR PUSTAKA

1. Adityasiwi GL, Budiono I, Zainafree I. Stroke in Indonesia: An Epidemiological Overview. *Physical Therapy Journal of Indonesia (PTJI)*. 2025 Jun 4;6(1):70–3.
2. Feigin VL, Abate MD, Abate YH, Abd ElHafeez S, Abd-Allah F, Abdelalim A, et al. Global, regional, and national burden of stroke and its risk factors, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet Neurol*. 2024;23(10):973–1003. doi:[https://doi.org/10.1016/S1474-4422\(24\)00369-7](https://doi.org/10.1016/S1474-4422(24)00369-7)
3. Survei Kesehatan Indonesia. Prevalensi Stroke di Indonesia. Jakarta; 2023 Oct.
4. Dinas Kesehatan Provinsi Jawa Tengah. Buku Saku Kesehatan Triwulan 2 Tahun 2025 [Internet]. 2025 [cited 2025 Sep 2]. p. 1–179. Available from: https://dinkes.jatengprov.go.id/dokumen/2025/Buku_Saku_Kesehatan_Triwulan_2_Tahun_2025/mobile/index.html
5. Cayuela L, Zapata-Arriaza E, de Albóniga-Chindurza A, González García A, Cayuela A. Understanding stroke mortality trends in Spain: A comprehensive age-period-cohort and joinpoint analysis. *Neurología*. 2025. doi:<https://doi.org/10.1016/j.nrl.2024.03.001>
6. Salman IP, Haiga Y, Wahyuni S. Perbedaan Diagnosis Stroke Iskemik dan Stroke Hemoragik dengan Hasil Transcranial Doppler di RSUP Dr. M. Djamil Padang. *Scientific Journal* [Internet]. 2022 Sep [cited 2025 Aug 29];1(5):393–402. Available from: <https://doi.org/10.56260/sciena.v1i5.72>
7. Liu L, Qin P, Bai J, Cheng Y, Huang J, Wang Z, et al. Cardiac history and post-stroke depression association in Chinese stroke survivors: a cross sectional study. *Sci Rep*. 2025;15(1):12230. doi:10.1038/s41598-025-93308-7
8. Dong L, Mezuk B, Williams LS, Lisabeth LD. Trends in Outpatient Treatment for Depression in Survivors of Stroke in the United States, 2004–2017. *Neurology*. 2022 May 31;98(22):e2258–67. doi:10.1212/WNL.0000000000200286
9. Artner R, Meisinger C, Ertl M, Naumann M, Linseisen J, Schmitz T. Association between post-stroke depressiveness and the utilization of

- healthcare services three months after the stroke. *Sci Rep*. 2025;15(1):28281. doi:10.1038/s41598-025-12875-x
10. Khatooni M, Dehghankar L, Samiei Siboni F, Bahrami M, Shafaei M, Panahi R, et al. Association of post-stroke hemiplegic shoulder pain with sleep quality, mood, and quality of life. *Health Qual Life Outcomes*. 2025;23(1):32. doi:10.1186/s12955-025-02367-x
 11. Lahdji A, Sahirotul Azano N, Nafia Rahmawati R, Nurul Qolmbi F, Nur Jehan M, Humaira Maharani SA, et al. Factors Associated With Post-stroke Depression Among Outpatient Stroke Patients at Wongsonegoro Hospital, Indonesia. *Journal of Research and Health*. 2025 Sep 1;15(5):517–26. doi:10.32598/JRH.15.5.2597.1
 12. Almeida S, Camacho M, Barahona-Corrêa JB, Oliveira J, Lemos R, da Silva DR, et al. Criterion and construct validity of the Beck Depression Inventory (BDI-II) to measure depression in patients with cancer: The contribution of somatic items. *International Journal of Clinical and Health Psychology*. 2023;23(2):100350. doi:https://doi.org/10.1016/j.ijchp.2022.100350
 13. Baylan S, Griffiths S, Grant N, Broomfield NM, Evans JJ, Gardani M. Incidence and prevalence of post-stroke insomnia: A systematic review and meta-analysis. *Sleep Med Rev [Internet]*. 2020 [cited 2025 Dec 1];49. Available from: https://doi.org/10.1016/j.smr.2019.101222
 14. Yang J, Lin A, Tan Q, Dou W, Wu J, Zhang Y, et al. Development of insomnia in patients with stroke: A systematic review and meta-analysis. *PLoS One [Internet]*. 2024 [cited 2025 Dec 1];19(4). Available from: https://doi.org/10.1371/journal.pone.0297941
 15. Segura E, Vilà-Balló A, Mallorquí A, Porto MF, Duarte E, Grau-Sánchez J, et al. The presence of anhedonia in individuals with subacute and chronic stroke: an exploratory cohort study. *Front Aging Neurosci [Internet]*. 2024 [cited 2025 Dec 1];16. Available from: https://doi.org/10.3389/fnagi.2024.1253028
 16. Rago C, Virgolesi M, Curcio F, Vellone E, Alvaro R, Veronese M, et al. Insights into the home transition: A qualitative study on stroke survivors' experiential journey. *Journal of Vascular Nursing*. 2025;43(3):106–13. doi:https://doi.org/10.1016/j.jvn.2025.05.002
 17. Zhang S, Wang A, Zhu W, Qiu Z, Zhang Z. Meta-analysis of risk factors associated with suicidal ideation after stroke. *Ann Gen Psychiatry*. 2022;21(1):1. doi:https://doi.org/10.1186/s12991-021-00378-8

18. Shofu-Akanji T, Ola B, Adeoye A, Olibamoyo O, Adesina I, Adegbaju D. Clinicopathological determinants of suicidal thoughts and behavior in patients with post-stroke depression in South-West Nigeria. *J Psychosom Res.* 2024;182:111688. doi:<https://doi.org/10.1016/j.jpsychores.2024.111688>
19. Han C, Guan R, Zhao J, Sun P. Irisin: Its significance in the diagnosis and treatment of post-stroke depression. *J Psychiatr Res.* 2025;191:285–93. doi:<https://doi.org/10.1016/j.jpsychires.2025.09.058>
20. Xia C, Xu P, Wang L, Zhang D, Qi Y, Wu M, et al. Vagus nerve stimulation combined with nerve rehabilitation therapy for upper limb paralysis after hemorrhagic stroke: a stroke-related epilepsy case. *Acta Epileptologica.* 2025;7(1):8. doi:10.1186/s42494-024-00198-9
21. 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 1;20(10):795–820. doi:10.1016/S1474-4422(21)00252-0
22. Rech KD, Salazar AP, Marchese RR, Schifino G, Cimolin V, Pagnussat AS. Fugl-Meyer Assessment Scores Are Related With Kinematic Measures in People with Chronic Hemiparesis after Stroke. *Journal of Stroke and Cerebrovascular Diseases.* 2020;29(1):104463. doi:<https://doi.org/10.1016/j.jstrokecerebrovasdis.2019.104463>
23. Qi H, Tian D, Luan F, Yang R, Zeng N. Pathophysiological changes of muscle after ischemic stroke: a secondary consequence of stroke injury. *Neural Regen Res [Internet].* 2024 [cited 2025 Aug 30];19(4). Available from: <https://doi/10.4103/1673-5374.382221>
24. Paul T, Cieslak M, Hensel L, Wiemer VM, Grefkes C, Grafton ST, et al. The role of corticospinal and extrapyramidal pathways in motor impairment after stroke. *Brain Commun.* 2023 Feb 1;5(1):fcac301. doi:10.1093/braincomms/fcac301
25. Huang L, Yi L, Huang H, Zhan S, Chen R, Yue Z. Corticospinal tract: a new hope for the treatment of post-stroke spasticity. *Acta Neurol Belg.* 2024;124(1):25–36. doi:10.1007/s13760-023-02377-w
26. Liu Z, Xin H, Chopp M. Axonal remodeling of the corticospinal tract during neurological recovery after stroke. *Neural Regen Res [Internet].* 2021 [cited 2025 Aug 30];16(5). Available from: <https://doi//10.4103/1673-5374.297060>

27. Kochman M, Kasprzak M, Kielar A. The impact of proprioception impairment on gait function in stroke survivors: a comprehensive review. *Front Neurol.* 2025;Volume 16-2025. doi:10.3389/fneur.2025.1577919
28. Mizuta N, Hasui N, Higa Y, Matsunaga A, Ohnishi S, Sato Y, et al. Identifying impairments and compensatory strategies for temporal gait asymmetry in post-stroke persons. *Sci Rep.* 2025;15(1):2704. doi:10.1038/s41598-025-86167-9
29. Labeit B, Michou E, Hamdy S, Trapl-Grundschober M, Suntrup-Krueger S, Muhle P, et al. The assessment of dysphagia after stroke: state of the art and future directions. *Lancet Neurol.* 2023;22(9):858–70. doi:https://doi.org/10.1016/S1474-4422(23)00153-9
30. Labeit B, Michou E, Trapl-Grundschober M, Suntrup-Krueger S, Muhle P, Bath PM, et al. Dysphagia after stroke: research advances in treatment interventions. *Lancet Neurol.* 2024;23(4):418–28. doi:https://doi.org/10.1016/S1474-4422(24)00053-X
31. Mohammed S, Haidar J, Ayele BA, Yifru YM. Post-stroke limitations in daily activities: experience from a tertiary care hospital in Ethiopia. *BMC Neurol.* 2023;23(1):364. doi:10.1186/s12883-023-03419-9
32. Fatema Z, Sigamani A, G V, Manuel D. ‘Quality of life at 90 days after stroke and its correlation to activities of daily living’: A prospective cohort study. *Journal of Stroke and Cerebrovascular Diseases.* 2022;31(11):106806. doi:https://doi.org/10.1016/j.jstrokecerebrovasdis.2022.106806
33. Jaracz K, Grabowska-Fudala B, Jaracz J, Moczko J, Kleka P, Pawlicka A, et al. Caregiver burden after stroke: a 10-year follow-up study of Polish caregivers for stroke patients. *BMC Nurs.* 2024;23(1):589. doi:10.1186/s12912-024-02251-x
34. Bogusława R, Ewelina B. Factors Determining the Burden of a Caregiver Providing Care to a Post-Stroke Patient. *J Clin Med [Internet].* 2025 Apr 26 [cited 2025 Sep 2];14(9):1–15. Available from: https://doi.org/10.3390/jcm14093008
35. Markle-Reid Maureen, Valaitis Ruta, Bartholomew Amy, Fisher Kathryn, Fleck Rebecca, Ploeg Jenny, et al. An integrated hospital-to-home transitional care intervention for older adults with stroke and multimorbidity: A feasibility study. *J Comorb.* 2020 Jan 1;10:1–21. doi:10.1177/2235042X19900451

36. Camicia M, Lutz B, Summers D, Klassman L, Vaughn S. Nursing's Role in Successful Stroke Care Transitions Across the Continuum: From Acute Care Into the Community. *Stroke*. 2021 Dec 1;52(12):794–805. doi:10.1161/STROKEAHA.121.033938
37. Xiao W, Liu Y, Huang J, Huang L an, Bian Y, Zou G. Analysis of factors associated with depressive symptoms in stroke patients based on a national cross-sectional study. *Sci Rep*. 2024;14(1):9268. doi:10.1038/s41598-024-59837-3
38. Li Y, Qin W, Chen Y, Zhang D, Zhao Y. Prevalence and Associated Factors of Depression in Patients with Ischaemic Stroke: A Cross-Sectional Study. *Neuropsychiatr Dis Treat* [Internet]. 2025 Apr 14 [cited 2025 Sep 28];21:875–83. Available from: <https://doi.org/10.2147/NDT.S514184>
39. Yang F, Zhang P. Prevalence and Predictive factors of Post-Stroke Depression in Patients with Acute Cerebral Infarction. *Alpha psychiatry*. 2024;25(5):592–7. doi:<https://doi.org/10.5152/alphapsychiatry.2024.231381>
40. Fantu E, Hailu W, Bekele N, Tsegaye T, Tadesse M, Asres MS. Determinants of post-stroke depression among stroke survivors at University of Gondar Hospital, Northwest Ethiopia: a case-control study. *BMC Neurol*. 2022;22(1):446. doi:10.1186/s12883-022-02982-x
41. Debebe EY, Biyadgie M, Chekol HA, Asmare L, Yigzaw ZA. Prevalence and associated factors of post-stroke depression among patients on follow-up at medical referral clinics of Bahir Dar city public specialized hospitals. *BMC Neurol*. 2024;24(1):470. doi:10.1186/s12883-024-03974-9
42. Zhao WY, Zhang L, Wan Y, Chen X, Jin Y, Zhang L, et al. The association between functional status and physical pain with depressive symptoms after a stroke event: A cross-sectional analysis of the China Health and Retirement Longitudinal Study 2018. *Front Psychiatry*. 2022;Volume 13-2022. doi:10.3389/fpsy.2022.927856
43. Kapoor AM, Ansari A, Otinashvili N, Shanly D, Jikia N, George J, et al. Post-stroke Depression, Functional Independence, and Cognition Among Patients With High Social Support in Georgia: A Cross-Sectional Study. *Cureus*. 2025;17(8):e89790. doi:10.7759/cureus.89790
44. Green SL, Gignac GE, Watson PA, Brosnan N, Becerra R, Pestell C, et al. Apathy and Depression as Predictors of Activities of Daily Living Following

- Stroke and Traumatic Brain Injuries in Adults: A Meta-Analysis. *Neuropsychol Rev.* 2022;32(1):51–69. doi:10.1007/s11065-021-09501-8
45. Mardiani NR, Naziyah N, Hidayat R. Hubungan Tingkat Ketergantungan Activity Of Daily Living (ADL) Terhadap Depresi Pada Pasien Post Stroke Di RSUD Kabupaten Bekasi. *Malahayati Nursing Journal.* 2022 Apr 4;4(4):880–8. doi:10.33024/mnj.v4i4.6089
 46. Handayani F, Setyowati S, Pudjonarko D, Sawitri DR, Sakti H, Suparyatmo JB, et al. Association of Functional Outcome and Post Stroke Depression among Association of Functional Outcome and Post Stroke Depression among Stroke Survivor after Three Months Onset: A Preliminary Study. *Jurnal Keperawatan Soedirman.* 2019 Feb 24;14(1):31. doi:10.20884/1.jks.2019.14.1.888
 47. Wijayanti C, Enny, Santoso T. Hubungan Antara Tingkat Depresi dengan Tingkat Kemandirian Aktifitas Kehidupan Sehari-hari (ADL) pada Pasien Post Stroke di Instalasi Rawat Jalan RSJD Dr. RM. Soedjarwadi Provinsi Jawa Tengah. [Surakarta]: Universitas Muhammadiyah Surakarta; 2019.
 48. Azzahra F. Gambaran Resiliensi Keluarga dalam Merawat Pasien Pasca Stroke Iskemik di RSUD K.R.M.T Wongsonegoro. [Semarang]: Universitas Diponegoro; 2024.
 49. World Health Organization. World Health Organization [Internet]. 2025 [cited 2025 Sep 28]. Stroke. Available from: <https://cdn.who.int/media/docs/default-source/searo/ncd/ncd-flip-charts/7.-stroke-24-04-19.pdf>
 50. Murphy SJX, Werring DJ. Stroke: causes and clinical features. *Medicine.* 2023;51(9):602–7. doi:<https://doi.org/10.1016/j.mpmed.2023.06.003>
 51. Greenberg SM, Ziai WC, Cordonnier C, Demchuk AM, Downer MB, Elkind MS V., et al. A causal classification system for intracerebral hemorrhage (CLAS-ICH. *Ann Neurol* [Internet]. 2023 [cited 2025 Sep 30];94(2):198–211. Available from: <https://doi.org/10.1002/ana.26519>
 52. Griswold DP, Fernandez L, Rubiano AM. Diagnosis and Management of Traumatic Subarachnoid Hemorrhage: Protocol for a Scoping Review. *JMIR Res Protoc.* 2021;10(10):e26709. doi:10.2196/26709
 53. Sanicola H, Steward C, Luther P, Kevin, Alexander J. Pathophysiology, Management, and Therapeutics in Subarachnoid Hemorrhage and Delayed Cerebral Ischemia: An Overview. *Pathophysiology* [Internet]. 2023 Sep 14

- [cited 2025 Sep 30];30(3):420–42. Available from: <https://doi.org/10.3390/pathophysiology30030032>
54. Hutagalung MS. Mengenal Stroke serta Karakteristik Penderita Stroke Haemoragik dan Non Haemoragik. 1st ed. Nusamedia; 2021. 13–15 p.
 55. Puy L, Boe NJ, Maillard M, Kuchcinski G, Cordonnier C. Recent and future advances in intracerebral hemorrhage. *J Neurol Sci.* 2024 Dec 15;467. doi:10.1016/j.jns.2024.123329
 56. Grefkes C, Fink GR. Recovery from stroke: current concepts and future perspectives. *Neurol Res Pract.* 2020 Jun 16;2(17). doi:10.1186/s42466-020-00060-6.
 57. Yi X, Luo H, Zhou J, Yu M, Chen X, Tan L, et al. Prevalence of stroke and stroke related risk factors: a population based cross sectional survey in southwestern China. *BMC Neurol.* 2020;20(1):5. doi:10.1186/s12883-019-1592-z
 58. Potter TBH, Tannous J, Vahidy FS. A Contemporary Review of Epidemiology, Risk Factors, Etiology, and Outcomes of Premature Stroke. *Curr Atheroscler Rep.* 2022;24(12):939–48. doi:10.1007/s11883-022-01067-x
 59. Liu Y, Gu S, Gou M, Guo X. Alcohol consumption may be a risk factor for cerebrovascular stenosis in acute ischemic stroke and transient ischemic attack. *BMC Neurol.* 2024;24(1):135. doi:10.1186/s12883-024-03627-x
 60. Masriadi H. Epidemiologi Penyakit Tidak Menular. 1st ed. Ismail T, editor. Jakarta: CV. Trans Info Media; 2021. 120–121 p.
 61. Magaki S, Chen Z, Haeri M, Williams CK, Khanlou N, Yong WH, et al. Charcot–Bouchard aneurysms revisited: clinicopathologic correlations. *Modern Pathology.* 2021;34(12):2109–21. doi:10.1038/s41379-021-00847-1
 62. Lui F, Alcaide J, Knowlton S, Ysit M, Zhong N. Pathogenesis of cerebral amyloid angiopathy caused by chaotic glymphatics—Mini-review. *Front Neurosci.* 2023;Volume 17-2023. doi:10.3389/fnins.2023.1180237
 63. Magid-Bernstein J, Girard R, Polster S, Srinath A, Romanos S, Awad IA, et al. Cerebral Hemorrhage: Pathophysiology, Treatment, and Future Directions. *Circ Res.* 2022 Apr 15;130(8):1204–29. doi:10.1161/CIRCRESAHA.121.319949

64. Pracar AL, Biondo N, Dronkers NF, Ivanova M V. The neuroanatomy of Broca's aphasia. *Frontiers in Language Sciences*. 2025;Volume 4-2025. doi:10.3389/flang.2025.1496209
65. Acharya A, Wroten M. Wernicke Aphasia. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2023 [cited 2025 Aug 30]. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK441951/>
66. Lin LX, Yao SY, Chen Q, Du MQ, Kang XH, Jiang DY, et al. Stroke-associated dysarthria. *Front Neurol*. 2025;Volume 16-2025. doi:10.3389/fneur.2025.1629640
67. Lin MC, Huang SS. Diagnosis and etiology of poststroke depression: A review. *World J Psychiatry*. 2025;15(7). doi:<https://doi.org/10.5498/wjp.v15.i7.107598>
68. Ladwig S, Werheid K, Südmeyer M, Volz M. Predictors of post-stroke depression: Validation of established risk factors and introduction of a dynamic perspective in two longitudinal studies. *Front Psychiatry*. 2023;Volume 14-2023. doi:10.3389/fpsyt.2023.1093918
69. Gibson BC, Vakhtin A, Clark VP, Abbott CC, Quinn DK. Revisiting Hemispheric Asymmetry in Mood Regulation: Implications for rTMS for Major Depressive Disorder. *Brain Sci* [Internet]. 2022 [cited 2025 Oct 24];12(1):122. Available from: <https://doi.org/10.3390/brainsci12010112>
70. Meng M, Ma Z, Zhou H, Xie Y, Lan R, Zhu S, et al. The impact of social relationships on the risk of stroke and post-stroke mortality: a systematic review and meta-analysis. *BMC Public Health*. 2024;24(1):2403. doi:10.1186/s12889-024-19835-6
71. Wang S, Yu M, Huang W, Wang T, Liu K, Xiang B. Longitudinal association between ADL disability and depression in middle-aged and elderly: national cohort study. *J Nutr Health Aging*. 2025;29(2):100450. doi:<https://doi.org/10.1016/j.jnha.2024.100450>
72. Frank D, Gruenbaum BF, Zlotnik A, Semyonov M, Frenkel A, Boyko M. Pathophysiology and Current Drug Treatments for Post-Stroke Depression: A Review. *Int J Mol Sci* [Internet]. 2022 [cited 2025 Oct 24];23(23):15114. Available from: <https://doi.org/10.3390/ijms232315114>
73. Jones DN, Raghanti MA. The role of monoamine oxidase enzymes in the pathophysiology of neurological disorders. *J Chem Neuroanat*. 2021;114:101957. doi:<https://doi.org/10.1016/j.jchemneu.2021.101957>

74. Hotalung MS. Depresi Menghambat Perbaikan Defisit Neurologis dan Tentang Ketahanan Hidup Pasien Stroke. 1st ed. Jakarta: Nusamedia; 2021. 17–24 p.
75. Ginting H, Näring G, van der Veld WM, Srisayekti W, Becker ES. Validating the Beck Depression Inventory-II in Indonesia's general population and coronary heart disease patients. *International Journal of Clinical and Health Psychology*. 2013;13(3):235–42. doi:[https://doi.org/10.1016/S1697-2600\(13\)70028-0](https://doi.org/10.1016/S1697-2600(13)70028-0)
76. Oremus M, Oremus C. Activities of daily living. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2025 [cited 2025 Oct 2]. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK470404/>
77. Yaya S, Idriss-Wheeler D, Sanogo NA, Vezina M, Bishwajit G. Self-reported activities of daily living, health and quality of life among older adults in South Africa and Uganda: a cross sectional study. *BMC Geriatr*. 2020;20(1):402. doi:10.1186/s12877-020-01809-z
78. Wu B, Luo H, Li J, Chen Y, Liu J, Yu P, et al. The relationship between the Barthel Index and stroke-associated pneumonia in elderly patients and factors of SAP. *BMC Geriatr*. 2024;24(1):829. doi:10.1186/s12877-024-05400-8
79. Shao C, Wang Y, Gou H, Chen T. The factors associated with the deterioration of activities of daily life in stroke patients: A retrospective cohort study. *Top Stroke Rehabil*. 2024 Jan 2;31(1):21–8. doi:10.1080/10749357.2023.2194095
80. Kim. H. E, Cho. K. H. Factor Analysis Related to the Change in Activities of Daily Living Performance of Stroke Patients. *Biomed Res Int* [Internet]. 2023 Dec 23 [cited 2025 Oct 22]. Available from: <https://doi.org/10.1155/2023/6147413>
81. Nguyen KH, Tran MD, Ho TV. Learned Helplessness in Human Settings: Insights From Education, Mental Health, and Organizational Research. *Social Sciences & Humanities Open* [Internet]. 2026 Jan 8 [cited 2026 Jan 22];1:1–43. Available from: Nguyen, Khanh Huy and Tran, Mai Dong and Ho, Tien Viet, Learned Helplessness in Human Settings: Insights From Education, Mental Health, and Organizational Research. Available at SSRN: <https://ssrn.com/abstract=6019618> or <http://dx.doi.org/10.2139/ssrn.6019618>

82. Sudaryana B, Agusiady HR. Metodologi Penelitian Kuantitatif. 1st ed. Vol. 1. Yogyakarta: Deepublish; 2022. 2–11 p.
83. Swarjana IK. Populasi-Sampel : Teknik Sampling dan Bias dalam Penelitian. 1st ed. Risanto E, editor. Yogyakarta: Penerbit Andi; 2022. 12–40 p.
84. Purwanza S, Wardhana A, Mufidah A, Renggo Y, Hudang A, Darwin, et al. Metodologi Penelitian Kuantitatif, Kualitatif dan Kombinasi. 1st ed. Munandar A, editor. Bandung: Media Sains Indonesia; 2022. 114–138 p.
85. Mukhid A. Metodologi Penelitian Pendekatan Kuantitatif. 1st ed. Wahyuningrum SR, editor. Surabaya: CV. Jakad Media Publishing; 2021. 47–55 p.
86. Setyawan FHB. Pengantar Metodologi Penelitian. 1st ed. Sidoarjo: Zifatama Jawa; 2020.
87. Amalia AN, Suyono, Arthur R. Penyusunan Instrumen Penelitian : Konsep, Teknik, Uji Validitas, Uji Reliabilitas, dan Contoh Instrumen Penelitian. 1st ed. Supriyadi, editor. Pekalongan: Nasya Expanding Management; 2023. 40–56 p.
88. Wei X, Liu Y, Li J, Zhu Y, Li W, Zhu Y, et al. MoCA and MMSE for the detection of post-stroke cognitive impairment: a comparative diagnostic test accuracy systematic review and meta-analysis. *J Neurol*. 2025;272(6):407. doi:10.1007/s00415-025-13146-5
89. Handayani F, Setyowati S, Pudjonarko D, Sawitri DR. The effect of “self-help packages” on post stroke depression among ischemic stroke survivors. *Nurse Media Journal of Nursing*. 2021 Dec 1;10(3):361–75. doi:10.14710/NMJN.V10I3.31014
90. Zentake. Zentake. 2026. Beck Depression Inventory (BDI-II) Template.
91. Alifiar I, Perwitasari DA, Amalia L, Affandi IG. Translation, Adaptation, and Validation of the Barthel Index for Ischemic Stroke Patients in the West Java Population, Indonesia. *Open Public Health J*. 2025 Jun 12;18(1). doi:10.2174/0118749445389275250602062049
92. Ramdhan. Metode Penelitian. Effendy A, editor. Surabaya: Cipta Media Nusantara; 2021. 3–7 p.
93. Pamungkas RA, Nusdin, Siokal B, Sudarman. Statistik untuk Perawat dan Kesehatan. 1st ed. Maftuhin A, editor. Jakarta: CV. Trans Info Media; 2021. 103–115 p.

94. Huo S, Gao J, Lv Q, Xie M, Wang H, Zhang X, et al. Trajectories of stroke severity and functional outcomes after endovascular treatment in ischemic stroke: A post hoc analysis of a randomized controlled trial. *Clin Neurol Neurosurg.* 2024;239:108248. doi:<https://doi.org/10.1016/j.clineuro.2024.108248>
95. Do Y, Lim Y, Jin S, Lee H. Effectiveness of Home-Based Rehabilitation on Activities of Daily Living in Patients With Stroke: Systematic Review and Meta-Analysis. *Phys Ther.* 2025 Jun 1;105(6):pzaf044. doi:10.1093/ptj/pzaf044
96. Broc N, Schnider A. Influence of Age on the Success of Neurorehabilitation. *Clinical and Translational Neuroscience.* 2023;7(1). doi:10.3390/ctn7010009
97. Tani T, Kazuya W, onuma R, Fushimi K, Imai S. Age-Related Differences in the Effectiveness of Rehabilitation to Improve Activities of Daily Living in Patients with Stroke: A Cross-Sectional Study. *Ann Geriatr Med Res.* 2024 May 28;28(3):257–65. doi:10.4235/agmr.24.0025
98. González F, Allende MaI, Nuñez M, Delgado I, Jakszyn P, Delfino C, et al. Multimorbidity in acute ischemic stroke and its impact on short-term mortality: A Chilean nationwide database analysis. *Journal of Stroke and Cerebrovascular Diseases.* 2025;34(5):108267. doi:<https://doi.org/10.1016/j.jstrokecerebrovasdis.2025.108267>
99. Schirmer MD, Donahue KL, Nardin MJ, Dalca A V, Giese AK, Etherton MR, et al. Brain Volume: An Important Determinant of Functional Outcome After Acute Ischemic Stroke. *Mayo Clin Proc.* 2020;95(5):955–65. doi:<https://doi.org/10.1016/j.mayocp.2020.01.027>
100. Ferrone SR, Boltyenkov AT, Lodato Z, O'Hara J, Vialet J, Malhotra A, et al. Clinical Outcomes and Costs of Recurrent Ischemic Stroke: A Systematic Review. *Journal of Stroke and Cerebrovascular Diseases.* 2022;31(6):106438. doi:<https://doi.org/10.1016/j.jstrokecerebrovasdis.2022.106438>
101. Chan V, Lee SA, Lee JM, Han JJ. Sensor-Acquired Reachable Workspace (RWS) Correlates with Activities of Daily Living (ADL) Function in Stroke as Measured by Functional Independence Measure (FIM) Self-Care. *Sensors.* 2024;24(21). doi:10.3390/s24216786

102. Seo JW, Kim JaeukU, Kim JD, Seok JW. The Effects of Vibration Therapy on Activities of Daily Living After Stroke: A Systematic Review and Meta-Analysis. *J Clin Med*. 2025;14(21). doi:10.3390/jcm14217682
103. Ayehu GW, Yitbarek GY, Zewdie EA, Amsalu BT, Abie Y, Atlaw D, et al. Risk profile, clinical presentation, and determinants of stroke subtypes among patients with stroke admitted to public referral hospitals, Northwest Ethiopia in 2021: A cross-sectional study. *Front Neurol*. 2022;Volume 13-2022. doi:10.3389/fneur.2022.988677
104. Tütüneken YE, Yeldan İ. Relation of functional independence to balance, exercise capacity, and peripheral muscle strength in individuals with chronic stroke: A cross-sectional study. *J Bodyw Mov Ther*. 2024;40:1514–9. doi:https://doi.org/10.1016/j.jbmt.2024.08.002
105. Mohammed SS, Elfayoumy NM, Mohammed DH, Eissa AH, Nasser AMA, Ashour AS. Predictors of recurrent ischemic stroke in a sample of Egyptian stroke patients. *Egypt J Neurol Psychiatr Neurosurg*. 2025;61(1):43. doi:10.1186/s41983-025-00964-7
106. Butsing N, Zauszniewski JA, Ruksakulpiwat S, Griffin MTQ, Niyomyart A. Association between post-stroke depression and functional outcomes: A systematic review. *PLoS One* [Internet]. 2024 Aug 22;19(8):e0309158-. Available from: <https://doi.org/10.1371/journal.pone.0309158>
107. Aljuhani T, Alsubaie S, Al-Mutairi AM, Altheyab AS, Alsaali AM, Alhamdan AS, et al. Rate of Post-Stroke Depression and Associated Factors in Saudi Single Tertiary Medical Center. *J Multidiscip Healthc*. 2025;18:5421–30. doi:10.2147/JMDH.S542551
108. Huang Y, You J, Wang Q, Wen W, Yuan C. Trajectory and predictors of post-stroke depression among patients with newly diagnosed stroke: A prospective longitudinal study. *Journal of Stroke and Cerebrovascular Diseases*. 2024;33(12):108092. doi:https://doi.org/10.1016/j.jstrokecerebrovasdis.2024.108092
109. Pramono RM, Pakaya N, Sulistiani I. The Relationship Between Family Support And Depression InPost-Stroke Patient. *Journal of Health Guidance and Counseling* [Internet]. 2024 Nov;1(3). Available from: <http://jurnal.globalhealthsciencegroup.com/index.php/JHGC>
110. Bi H, Wang M. Role of social support in poststroke depression: A meta-analysis. *Front Psychiatry*. 2022;Volume 13-2022. doi:10.3389/fpsy.2022.924277

111. Li Y, Xu H, Zhang T, Lu X, Xie X, Gao J. Factors associated with social isolation in stroke patients: a systematic review and meta-analysis. *Journal of Stroke and Cerebrovascular Diseases*. 2025;34(2):108201. doi:<https://doi.org/10.1016/j.jstrokecerebrovasdis.2024.108201>
112. Dong L, Williams LS, Brown DL, Case E, Morgenstern LB, Lisabeth LD. Prevalence and Course of Depression During the First Year After Mild to Moderate Stroke. *J Am Heart Assoc*. 2021 Jul 6;10(13):e020494. doi:10.1161/JAHA.120.020494
113. Perrain R, Mekaoui L, Calvet D, Mas JL, Gorwood P. A meta-analysis of poststroke depression risk factors comparing depressive-related factors versus others. *Int Psychogeriatr*. 2020;32(11):1331–44. doi:<https://doi.org/10.1017/S1041610219002187>
114. Matos J, Henriques A, Moura A, Alves E. Professional reintegration of stroke survivors and their mental health, quality of life and community integration. *Quality of Life Research*. 2024;33(12):3259–73. doi:10.1007/s11136-024-03797-8
115. Sun YA, Kalpakavadi S, Prior S, Thrift AG, Waddingham S, Phan H, et al. Socioeconomic status and health-related quality of life after stroke: a systematic review and meta-analysis. *Health Qual Life Outcomes*. 2023;21(1):115. doi:10.1186/s12955-023-02194-y
116. Stack K, Robertson W, Blackburn C. Does socioeconomic position affect knowledge of the risk factors and warning signs of stroke in the WHO European region? A systematic literature review. *BMC Public Health*. 2020;20(1):1473. doi:10.1186/s12889-020-09580-x
117. Kariasa IM, Aunguroch Y, Nurachmah E, Nova PA, Dewi NLPT, Juanamasta IG, et al. Factors Influencing Stroke Internal Stigma Among Stroke Survivors. *SAGE Open Nurs*. 2024;10:23779608241278640. doi:10.1177/23779608241278639
118. Ambrosca R, Bolgeo T, Zeffiro V, Alvaro R, Vellone E, Pucciarelli G. The Role of Spirituality in Stroke Survivors and Their Caregivers: A Systematic Review. *J Relig Health*. 2024;63(5):3501–31. doi:10.1007/s10943-024-02029-0
119. Zhang P, Sun C, Zhu Z, Miao J, Wang P, Zhang Q, et al. Depressive symptoms changes in the new-onset stroke patients: A cross-lagged panel network analysis. *J Affect Disord*. 2025;377:198–205. doi:<https://doi.org/10.1016/j.jad.2025.02.071>

120. Chen P, Sun HL, Zhang L, Feng Y, Sha S, Su Z, et al. Inter-relationships of depression and insomnia symptoms with life satisfaction in stroke and stroke-free older adults: Findings from the Health and Retirement Study based on network analysis and propensity score matching. *J Affect Disord.* 2024;356:568–76. doi:<https://doi.org/10.1016/j.jad.2024.04.036>
121. Zhan Q, Kong F. Mechanisms associated with post-stroke depression and pharmacologic therapy. *Front Neurol.* 2023;Volume 14-2023. doi:[10.3389/fneur.2023.1274709](https://doi.org/10.3389/fneur.2023.1274709)
122. Kam JE, Choo PL. Feeling lonely and dissatisfied – understanding social network functioning in stroke survivors. *BMC Psychol.* 2024;12(1):558. doi:[10.1186/s40359-024-01986-1](https://doi.org/10.1186/s40359-024-01986-1)
123. Segura E, Vilà-Balló A, Mallorquí A, Porto MF, Duarte E, Grau-Sánchez J, et al. The presence of anhedonia in individuals with subacute and chronic stroke: an exploratory cohort study. *Front Aging Neurosci.* 2024;Volume 16-2024. doi:[10.3389/fnagi.2024.1253028](https://doi.org/10.3389/fnagi.2024.1253028)
124. Liu Y, Lan D, Zhou Y, Tian H, Xiao J, Gan L, et al. Role of subjective well-being and resilience in the relationship between hopelessness and suicidal ideation among older adults with moderate to severe ADL limitations in Chinese nursing homes. *Geriatr Nurs (Minneap).* 2024;59:418–25. doi:<https://doi.org/10.1016/j.gerinurse.2024.07.041>
125. Sun B, Wang N, Li K, Yang Y, Zhang F. The mediating effects of hope on the relationships of social support and self-esteem with psychological resilience in patients with stroke. *BMC Psychiatry.* 2024;24(1):340. doi:[10.1186/s12888-024-05744-w](https://doi.org/10.1186/s12888-024-05744-w)
126. Markus HS. Post-stroke fatigue. *International Journal of Stroke.* 2023;18(9):1026–8. doi:[10.1177/17474930231207695](https://doi.org/10.1177/17474930231207695)
127. Chen W, Jiang T, Huang H, Zeng J. Post-stroke fatigue: a review of development, prevalence, predisposing factors, measurements, and treatments. *Front Neurol.* 2023;Volume 14-2023. doi:[10.3389/fneur.2023.1298915](https://doi.org/10.3389/fneur.2023.1298915)
128. Chen P, Wang W, Ban W, Zhang K, Dai Y, Yang Z, et al. Deciphering Post-Stroke Sleep Disorders: Unveiling Neurological Mechanisms in the Realm of Brain Science. *Brain Sci.* 2024;14(4). doi:[10.3390/brainsci14040307](https://doi.org/10.3390/brainsci14040307)

129. Calabrò R. S. Post-stroke Sexual Dysfunction in Men: Epidemiology, Diagnostic Work-up, and Treatment. *Innov Clin Neurosci*. 2022;19(7–9):12–6.
130. Guo X, Phan C, Batarseh S, Wei M, Dye J. Risk factors and predictive markers of post-stroke cognitive decline—A mini review. *Front Aging Neurosci*. 2024;Volume 16-2024. doi:10.3389/fnagi.2024.1359792
131. Broomfield NM, Blake J, Gracey F, Steverson T. Post-stroke emotionalism: Diagnosis, pathophysiology, and treatment. *International Journal of Stroke*. 2024;19(8):857–66. doi:10.1177/17474930241242952
132. Terrill AL, Moreno-Gomez V, Kumar M, MacKenzie JJ. Poststroke Depression and Anxiety: A Comprehensive Topical Review. *Stroke*. 2026;57(5):1406–17. doi:10.1161/STROKEAHA.125.051664
133. Li J, Yang L, Lv R, Kuang J, Zhou K, Xu M. Mediating effect of post-stroke depression between activities of daily living and health-related quality of life: meta-analytic structural equation modeling. *Quality of Life Research*. 2023;32(2):331–8. doi:10.1007/s11136-022-03225-9
134. Hu F, Zhang K, Zhou L, Wang Y. The Impact of Post-stroke Depression and Physical Fatigue on Functional Status. *Actas Esp Psiquiatr*. 2025;53(2):315–23. doi:10.62641/aep.v53i2.1688 PubMed PMID: 40071376.
135. Anello Sara, Pisaniello Diletta Maria, Battain Pier Carlo. Post-stroke depression, activities of daily living, and occupational therapy intervention: An observational survey. *British Journal of Occupational Therapy*. 2024 Aug 1;87(8):494–503. doi:10.1177/03080226241246138
136. Zeng M, Liu Y, He Y, Huang W. Relationship Between Stroke Knowledge, Health Information Literacy, and Health Self- Management Among Patients with Stroke: Multicenter Cross-Sectional Study. *JMIR Med Inform*. 2025;13:e63956. doi:10.2196/63956
137. Chen R, Guo Y, Kuang Y, Zhang Q. Effects of home-based exercise interventions on post-stroke depression: A systematic review and network meta-analysis. *Int J Nurs Stud*. 2024;152:104698. doi:https://doi.org/10.1016/j.ijnurstu.2024.104698
138. Hess Engström A, Flink M, Lindblom S, von Koch L, Ytterberg C. Association between general self-efficacy and health literacy among stroke survivors 1-year post-discharge: a cross-sectional study. *Sci Rep*. 2024;14(1):7308. doi:10.1038/s41598-024-57738-z

139. Kawano M, Takamura Y, Tachihara M, Kawano A. Effects of Self-Determination, SoA, and Self-Efficacy on Degree of Independence in Activities of Daily Living in Stroke Survivors. *International Journal of Affective Engineering*. 2024;advpub. doi:10.5057/ijae.IJAE-D-23-00050
140. Hu QY, Chen YJ, Liu J, Zhao XP, Feng WY, Tian JB, et al. A cross-sectional study on post-stroke depression and the quality of life. *BMC Psychol*. 2024;12(1):646. doi:10.1186/s40359-024-02143-4
141. Zhang W, Gao YJ, Ye MM, Zhou LS. Post-stroke family resilience is correlated with family functioning among stroke survivors: The mediating role of patient's coping and self-efficacy. *Nurs Open*. 2024 Jul 1;11(7):e2230. doi:https://doi.org/10.1002/nop2.2230
142. Lin MC, Huang SS. Diagnosis and etiology of poststroke depression: A review. *World J Psychiatry*. 2025;15(7):107598. doi:10.5498/wjp.v15.i7.107598
143. Dulay MF, Criswell A, Hodics TM. Biological, Psychiatric, Psychosocial, and Cognitive Factors of Poststroke Depression. *Int J Environ Res Public Health*. 2023;20(7). doi:10.3390/ijerph20075328
144. Krick S, Koob JL, Latarnik S, Volz LJ, Fink GR, Grefkes C, et al. Neuroanatomy of post-stroke depression: the association between symptom clusters and lesion location. *Brain Commun*. 2023 Oct 1;5(5):fcad275. doi:10.1093/braincomms/fcad275
145. Wang D, Wang J, Zhao H, Liang Y, Zhang W, Li M, et al. The relationship between the prefrontal cortex and limb motor function in stroke: A study based on resting-state functional near-infrared spectroscopy. *Brain Res*. 2023;1805:148269. doi:https://doi.org/10.1016/j.brainres.2023.148269
146. Soini E, Rosenström T, Määttänen I, Jokela M. Physical activity and specific symptoms of depression: A pooled analysis of six cohort studies. *J Affect Disord*. 2024;348:44–53. doi:https://doi.org/10.1016/j.jad.2023.12.039
147. Nahari A, Alsaleh AM. Impact of Social Support and Self-Efficacy on Activity of Daily Living among Post-Stroke Patients in Saudi Arabia: A Cross-Sectional Study. *Healthcare*. 2024;12(16). doi:10.3390/healthcare12161564
148. Chen W, Jiang T, Huang H, Zeng J. Post-stroke fatigue: a review of development, prevalence, predisposing factors, measurements, and

- treatments. *Front Neurol.* 2023;Volume 14-2023. doi:10.3389/fneur.2023.1298915
149. Pan C, Li G, Sun W, Miao J, Wang Y, Lan Y, et al. Psychopathological network for early-onset post-stroke depression symptoms. *BMC Psychiatry.* 2023;23(1):114. doi:10.1186/s12888-023-04606-1
150. Krick S, Koob JL, Latarnik S, Volz LJ, Fink GR, Grefkes C, et al. Neuroanatomy of post-stroke depression: the association between symptom clusters and lesion location. *Brain Commun.* 2023 Oct 1;5(5):fcad275. doi:10.1093/braincomms/fcad275
151. Larsson P, Edvardsen E, Gay CL, Ursin M, Mack U, Lerdal A. Cardiorespiratory fitness, physical activity, and fatigue three months after first-ever ischemic stroke. *Top Stroke Rehabil.* 2024 Nov 16;31(8):817–27. doi:10.1080/10749357.2024.2333191
152. Saraswati D, Novitri, Farida A, Sungkar E, Prananta MS. A Preliminary Analysis of Fatigue and Depressive Symptoms in Relation to Physical Activity Among Chronic Stroke Survivors. *Indonesian Journal of Physical Medicine and Rehabilitation.* 2025 Dec 24;14(2):203–7. doi:10.36803/indoipmr.v14i2.528