

DAFTAR PUSTAKA

- Ahn, A. B., Kulhari, S., Karimi, A., Sundararajan, S., & Sajatovic, M. (2024). Readability of patient education material in stroke: a systematic literature review. *Topics in Stroke Rehabilitation*, 31(4), 345–360. <https://doi.org/10.1080/10749357.2023.2259177>
- Ahrens, J., Shao, R., Blackport, D., Macaluso, S., Viana, R., Teasell, R., & Mehta, S. (2023). Cognitive -behavioral therapy for managing depressive and anxiety symptoms after stroke: a systematic review and meta-analysis. *Topics in Stroke Rehabilitation*, 30(4), 368–383. <https://doi.org/10.1080/10749357.2022.2049505>
- Alligood, M. R. (2017). *Nursing Theorists and Their Work - E-Book*. Elsevier. <https://books.google.co.id/books?id=l7stDwAAQBAJ>
- Amalia, N. K., Harianto, S., & Muhalla, H. I. (2022). Causes and Efforts to Reduce Anxiety in Stroke Patients. *Journal of Vocational Nursing*, 3(2), 120–124. <https://doi.org/10.20473/jovin.v3i2.39744>
- Anderson, J. A., Kimmel, B., Sansgiry, S., Venkatasubba Rao, C. P., Ovalle, A. P., Cerra-Stewart, C. A., & Kent, T. A. (2022). Using Mobile Video-Teleconferencing to Deliver Secondary Stroke Prevention Interventions: A Pilot Study. *Telemedicine Reports*, 3(1), 175–183. <https://doi.org/10.1089/tmr.2022.0026>
- Antonenko, K., Paciaroni, M., Sokolova, L., & Pezzella, F. R. (2021). Digital health in stroke medicine: what are the opportunities for stroke patients? *Current Opinion in Neurology*, 34(1). https://journals.lww.com/co-neurology/fulltext/2021/02000/digital_health_in_stroke_medicine__what_are_the.7.aspx
- Arikunto, S. (2010). *Prosedur penelitian pendekatan praktek*. Jakarta: Rineka Cipta.
- Ashcraft, S., Wilson, S. E., Nyström, K. v., Dusenbury, W., Wira, C. R., & Burrus, T. M. (2021). Care of the Patient With Acute Ischemic Stroke (Prehospital and Acute Phase of Care): Update to the 2009 Comprehensive Nursing Care Scientific Statement: A Scientific Statement From the American Heart Association. *Stroke*, 52(5), E164–E178. <https://doi.org/10.1161/STR.0000000000000356>
- Atallah, M. al, Jamil, Z., Khafagy, H., Ummar, M., Aloul, F., & Sagahyroon, A. (2021). Smart Monitoring System for Stroke Rehabilitation. *2021 IEEE International Conference on Internet of Things and Intelligence Systems (IoTaIS)*, 42–48. <https://doi.org/10.1109/IoTaIS53735.2021.9628644>
- Babkair, L. A., Chyun, D., Dickson, V. V., & Almekhlafi, M. A. (2022). The Effect of Psychosocial Factors and Functional Independence on Poststroke Depressive Symptoms: A Cross-Sectional Study. *Journal of Nursing Research*, 30(1), E189. <https://doi.org/10.1097/JNR.0000000000000464>
- BAL, C., & KOÇ, Z. (2023). Technology-Based Health Promotion Training Among Stroke Patients: A Randomized Controlled Trial. *Clinical Nursing Research*, 33(1), 81–94. <https://doi.org/10.1177/10547738231211980>
- Baños, R. M., & Miragall, M. (2024). Gender Matters: A Critical Piece in Mental Health. *The Spanish Journal of Psychology*, 27, e28. <https://doi.org/DOI:10.1017/SJP.2024.29>

- Barker-Collo, S., Krishnamurthi, R., Witt, E., Theadom, A., Starkey, N., Barber, P. A., Bennett, D., Rush, E., Arroll, B., & Feigin, V. (2017). Depression and Anxiety Across the First Year After Ischemic Stroke: Findings from a Population-Based New Zealand ARCOS-IV Study. *Brain Impairment*, 18(3), 265–276. <https://doi.org/10.1017/BrImp.2017.12>
- Bermudo-Gallaguet, A., Bielsa-Pascual, J., García-Sierra, R., Feijoo-Cid, M., Arreciado Marañón, A., Ariza, M., Agudelo, D., Camins-Vila, N., Boldó, M., Durà Mata, M. J., García-Molina, A., Torán-Monserrat, P., & Mataró, M. (2024). Understanding and enhancing post-stroke recovery: Insights from a nested qualitative study within the MindFit Project randomized clinical trial. *Complementary Therapies in Medicine*, 87, 103100. <https://doi.org/10.1016/j.ctim.2024.103100>
- Bert, F., lo Moro, G., Giacomini, G., Minutiello, E., & Siliquini, R. (2023). Social media for psychological support of patients with chronic non-infectious diseases: a systematic review. *Health Promotion International*, 38(2), daad006. <https://doi.org/10.1093/heapro/daad006>
- Bi, H., & Wang, M. (2022). Role of social support in poststroke depression: A meta-analysis. *Frontiers in Psychiatry*, 13(September). <https://doi.org/10.3389/fpsy.2022.924277>
- Bladowski, M., Mazur, G., & Małyszczak, K. (2021). The relationship between panic disorder and hypertension. A review of literature. *Psychiatria Polska*, 55(2), 345–361. <https://doi.org/10.12740/PP/116570>
- Brouns, B., Bodegom-Vos, L. van, de Kloet, A. J., Tamminga, S. J., Volker, G., Berger, M. A. M., Fiocco, M., Goossens, P. H., Vliet Vlieland, T. P. M., Meesters, J. J. L., & Brouns, B. (2021). Effect of a comprehensive rehabilitation intervention alongside conventional stroke rehabilitation on disability and healthrelated quality of life: A pre post comparison. *Journal of Rehabilitation Medicine*, 53(3). <https://doi.org/10.2340/16501977-2785>
- Caeiro, L., Ferro, J. M., Santos, C. O., & Figueira, M. L. (2006). Depression in acute stroke. *Journal of Psychiatry and Neuroscience*, 31(6), 377–383.
- Chang, W. L., Lee, J. T., Li, C. R., Davis, A. H. T., Yang, C. C., & Chen, Y. J. (2020). Effects of Heart Rate Variability Biofeedback in Patients With Acute Ischemic Stroke: A Randomized Controlled Trial. *Biological Research for Nursing*, 22(1), 34–44. <https://doi.org/10.1177/1099800419881210>
- Chen, C. H., Hung, K. S., Chung, Y. C., & Yeh, M. L. (2019). Mind–body interactive qigong improves physical and mental aspects of quality of life in inpatients with stroke: A randomized control study. *European Journal of Cardiovascular Nursing*, 18(8), 658–666. <https://doi.org/10.1177/1474515119860232>
- Cheng, Y. C., Kuo, P. H., Su, M. I., & Huang, W. L. (2022). The efficacy of non-invasive, non-convulsive electrical neuromodulation on depression, anxiety and sleep disturbance: A systematic review and meta-analysis. *Psychological Medicine*, 52(5), 801–812. <https://doi.org/10.1017/S0033291721005560>
- Chun, H. Y. Y., Whiteley, W. N., Dennis, M. S., Mead, G. E., & Carson, A. J. (2018). Anxiety after stroke the importance of subtyping. *Stroke*, 49(3), 556–564. <https://doi.org/10.1161/STROKEAHA.117.020078>

- Chun, H. Y. Y., Whiteley, W. N., Dennis, M. S., Mead, G. E., & Carson, A. J. (2018). Anxiety after stroke the importance of subtyping. *Stroke*, 49(3), 556–564. <https://doi.org/10.1161/STROKEAHA.117.020078>
- Chun, H. Y. Y., Carson, A. J., Tsanas, A., Dennis, M. S., Mead, G. E., Calabria, C., & Whiteley, W. N. (2020). Telemedicine Cognitive Behavioral Therapy for Anxiety after Stroke: Proof-of-Concept Randomized Controlled Trial. *Stroke*, 51(8), 2297–2306. <https://doi.org/10.1161/STROKEAHA.120.029042>
- Chun, H. Y. Y., Carson, A. J., Tsanas, A., Dennis, M. S., Mead, G. E., Calabria, C., & Whiteley, W. N. (2020). Telemedicine Cognitive Behavioral Therapy for Anxiety after Stroke: Proof-of-Concept Randomized Controlled Trial. *Stroke*, 51(8), 2297–2306. <https://doi.org/10.1161/STROKEAHA.120.029042>
- Chun, H.-Y. Y., Carson, A. J., Tsanas, A., Dennis, M. S., Mead, G. E., Calabria, C., & Whiteley, W. N. (2020). Telemedicine Cognitive Behavioral Therapy for Anxiety After Stroke: Proof-of-Concept Randomized Controlled Trial. *Stroke*, 51(8), 2297–2306. <https://doi.org/10.1161/STROKEAHA.120.029042>
- Chun, H. Y. Y., Carson, A. J., Tsanas, A., Dennis, M. S., Mead, G. E., Calabria, C., & Whiteley, W. N. (2020). Telemedicine Cognitive Behavioral Therapy for Anxiety after Stroke: Proof-of-Concept Randomized Controlled Trial. *Stroke*, 51(8), 2297–2306. <https://doi.org/10.1161/STROKEAHA.120.029042>
- Correia, J. C., Waqas, A., Assal, J.-P., Davies, M. J., Somers, F., Golay, A., & Pataky, Z. (2023). Effectiveness of therapeutic patient education interventions for chronic diseases: A systematic review and meta-analyses of randomized controlled trials. *Frontiers in Medicine*, 9. <https://www.frontiersin.org/journals/medicine/articles/10.3389/fmed.2022.996528>
- de Ryck, A., Brouns, R., Geurden, M., Elseviers, M., de Deyn, P. P., & Engelborghs, S. (2014). Risk factors for poststroke depression: Identification of inconsistencies based on a systematic review. *Journal of Geriatric Psychiatry and Neurology*, 27(3), 147–158. <https://doi.org/10.1177/0891988714527514>
- Demircelik, M. B., Cakmak, M., Nazli, Y., Şentepe, E., Yigit, D., Keklik, M., Arslan, M., Cetin, M., & Eryonucu, B. (2016). Effects of multimedia nursing education on disease-related depression and anxiety in patients staying in a coronary intensive care unit. *Applied Nursing Research: ANR*, 29, 5–8. <https://doi.org/10.1016/j.apnr.2015.03.014>
- Deshpande, N., Wu, M., Kelly, C., Woodrick, N., Werner, D. A., Volerman, A., & Press, V. G. (2023). Video-Based Educational Interventions for Patients With Chronic Illnesses: Systematic Review. *J Med Internet Res*, 25, e41092. <https://doi.org/10.2196/41092>
- Dewi, D., Awaludin, S., & Sari, Y. (2024). Impact Of Mobile Application On Quality-Of-Life Stroke Survivor: A Systematic Review. *Community Practitioner*, 21(08), 363–377. <https://doi.org/10.5281/zenodo.13378783>
- Diefenbach, G. J., Bragdon, L. B., & Blank, K. (2014). Geriatric anxiety inventory: Factor structure and associations with cognitive status. *American Journal of Geriatric Psychiatry*, 22(12), 1418–1426. <https://doi.org/10.1016/j.jagp.2013.04.014>
- Doğan, T., Koçtürk, N., Akın, E., Kurnaz, M. F., Öztürk, C. D., Şen, A., & Yalçın, M. (2024). Science-Based Mobile Apps for Reducing Anxiety: A Systematic

- Review and Meta-Analysis. *Clinical Psychology and Psychotherapy*, 31(5).
<https://doi.org/10.1002/cpp.3058>
- Douven, E., Köhler, S., Rodriguez, M. M. F., Staals, J., Verhey, F. R. J., & Aalten, P. (2017). Imaging Markers of Post-Stroke Depression and Apathy: a Systematic Review and Meta-Analysis. *Neuropsychology Review*, 27(3), 202–219. <https://doi.org/10.1007/s11065-017-9356-2>
- Dr. Aris Eddy Sarwono, M. S. A., & Dr. Asih Handayani M. Si., M. P. (2021). *Metode Kuantitatif*. Unisri Press.
<https://books.google.co.id/books?id=Tr2bEAAAQBAJ>
- Edmondson, D., Richardson, S., Fausett, J. K., Falzon, L., Howard, V. J., & Kronish, I. M. (2013). Prevalence of PTSD in Survivors of Stroke and Transient Ischemic Attack: A Meta-Analytic Review. *PLoS ONE*, 8(6), 4–9. <https://doi.org/10.1371/journal.pone.0066435>
- Eng, J. J., & Pastva, A. M. (2022). Advances in Remote Monitoring for Stroke Recovery. *Stroke*, 53(8), 2658–2661. <https://doi.org/10.1161/STROKEAHA.122.038885>
- Fang, M., Zhong, L., Jin, X., Cui, R., Yang, W., Gao, S., Lv, J., Li, B., & Liu, T. (2019). Effect of inflammation on the process of stroke rehabilitation and poststroke depression. *Frontiers in Psychiatry*, 10(April), 1–8. <https://doi.org/10.3389/fpsy.2019.00184>
- Favilla, C. G., Stein, L. A., Reehal, N., Cummings, S., Burdett, R., & Kasner, S. (2024). A Randomized Clinical Trial Evaluating the Impact of a Personalized Video-Based Educational Platform After Discharge. *Stroke*, 55(Suppl_1), A3–A3. https://doi.org/10.1161/str.55.suppl_1.3
- 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. E., 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), 1–26. [https://doi.org/10.1016/S1474-4422\(21\)00252-0](https://doi.org/10.1016/S1474-4422(21)00252-0)
- Feigin, V. L., Krishnamurthi, R. v., Parmar, P., Norrving, B., Mensah, G. A., Bennett, D. A., Barker-Collo, S., Moran, A. E., Sacco, R. L., Truelsen, T., Davis, S., Pandian, J. D., Naghavi, M., Forouzanfar, M. H., Nguyen, G., Johnson, C. O., Vos, T., Meretoja, A., Murray, C. J. L., ... Lo, W. (2015). Update on the global burden of ischemic and hemorrhagic stroke in 1990-2013: The GBD 2013 study. *Neuroepidemiology*, 45(3), 161–176. <https://doi.org/10.1159/000441085>
- Ferro, J. M., Caeiro, L., & Figueira, M. L. (2016). Neuropsychiatric sequelae of stroke. *Nature Reviews Neurology*, 12(5), 269–280. <https://doi.org/10.1038/nrneurol.2016.46>
- Firth, J., Torous, J., Nicholas, J., Carney, R., Rosenbaum, S., & Sarris, J. (2017). Can smartphone mental health interventions reduce symptoms of anxiety? A meta-analysis of randomized controlled trials. *Journal of Affective Disorders*, 218(January), 15–22. <https://doi.org/10.1016/j.jad.2017.04.046>
- Frank, D., Gruenbaum, B. F., Zlotnik, A., Semyonov, M., Frenkel, A., & Boyko, M. (2022). Pathophysiology and Current Drug Treatments for Post-Stroke

- Depression: A Review. *International Journal of Molecular Sciences*, 23(23).
<https://doi.org/10.3390/ijms232315114>
- Frank, D., Gruenbaum, B. F., Zlotnik, A., Semyonov, M., Frenkel, A., & Boyko, M. (2022). Pathophysiology and Current Drug Treatments for Post-Stroke Depression: A Review. *International Journal of Molecular Sciences*, 23(23).
<https://doi.org/10.3390/ijms232315114>
- Fruhworth, V., Berger, L., Gattringer, T., Fandler-Höfler, S., Kneihsl, M., Schwerdtfeger, A., Weiss, E. M., Enzinger, C., & Pinter, D. (2022). Evaluation of a Newly Developed Smartphone App for Risk Factor Management in Young Patients With Ischemic Stroke: A Pilot Study. *Frontiers in Neurology*, 12(January), 1–12. <https://doi.org/10.3389/fneur.2021.791545>
- Ghozali, I. (2021). *Aplikasi Analisis Multivariate dengan Program IBM SPSS 26 Ed. 10 (Ed. 10, Cet. X)*. Badan Penerbit Universitas Diponegoro.
- Gibson, E., Koh, C.-L., Eames, S., Bennett, S., Scott, A. M., & Hoffmann, T. C. (2022). Occupational therapy for cognitive impairment in stroke patients. *Cochrane Database of Systematic Reviews*, 3.
<https://doi.org/10.1002/14651858.CD006430.pub3>
- Goldfinger, J. Z., Edmondson, D., Kronish, I. M., Fei, K., Balakrishnan, R., Tuhim, S., & Horowitz, C. R. (2014). Correlates of post-traumatic stress disorder in stroke survivors. *Journal of Stroke and Cerebrovascular Diseases*, 23(5), 1099–1105. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2013.09.019>
- Guo, J., Wang, J., Sun, W., & Liu, X. (2022). The advances of post-stroke depression: 2021 update. *Journal of Neurology*, 269(3), 1236–1249.
<https://doi.org/10.1007/s00415-021-10597-4>
- Haleem, A., Javaid, M., Qadri, M. A., & Suman, R. (2022). Understanding the role of digital technologies in education: A review. *Sustainable Operations and Computers*, 3, 275–285.
<https://doi.org/https://doi.org/10.1016/j.susoc.2022.05.004>
- Hamjah, A., Praptiwi, A., & Afrima Sari, E. (2019). Kecemasan Kematian Pada Pasien Stroke. *Jurnal Keperawatan 'Aisyiyah*, 6(1), 27–36.
<https://doi.org/10.33867/jka.v6i1.95>
- Hengky, J., & Juliandra, C. (2023). Analysis of Factors Affecting the Level of Anxiety Stroke Patients at Dr. M. Djamil Padang. *Jurnal Penelitian Pendidikan IPA*, 9(10), 8807–8813. <https://doi.org/10.29303/jppipa.v9i10.5025>
- Herpich, F., & Rincon, F. (2020). Management of Acute Ischemic Stroke. *Critical Care Medicine*, 48(11), 1654–1663.
<https://doi.org/10.1097/CCM.0000000000004597>
- Hidayati, N., Febriana, D., & Khairani. (2021). Instruments Used to Measure Anxiety in The Older Adult. *Idea Nursing Journal*, XII(3), 70–81.
- Hollender, K. D. (2014). Screening, diagnosis, and treatment of post-stroke depression. *Journal of Neuroscience Nursing*, 46(3), 135–141.
<https://doi.org/10.1097/JNN.0000000000000047>
- Hou, Z., Liu, X., Jiang, W., Hou, Z., Yin, Y., Xie, C., Zhang, H., Zhang, H., Zhang, Z., & Yuan, Y. (2021). Effect of NEUROG3 polymorphism rs144643855 on regional spontaneous brain activity in major depressive disorder. *Behavioural Brain Research*, 409(January), 113310.
<https://doi.org/10.1016/j.bbr.2021.113310>

- Huang, M.-C., Hung, C.-H., Yu, C.-Y., Berry, D. C., Shin, S.-J., & Hsu, Y.-Y. (2017). The effectiveness of multimedia education for patients with type 2 diabetes mellitus. *Journal of Advanced Nursing*, 73(4), 943–954. <https://doi.org/10.1111/jan.13194>
- I Ketut Swarjana, S. K. M. M. P. H., & Bali, S. (2016). *Metodologi Penelitian Kesehatan [Edisi Revisi]: Tuntunan Praktis Pembuatan Proposal Penelitian untuk Mahasiswa Keperawatan, Kebidanan, dan Profesi Bidang Kesehatan Lainnya*. Penerbit Andi. <https://books.google.co.id/books?id=DjrtCgAAQBAJ>
- Ifati, S., Tugasworo, D., & Pudjonarko, D. (2020). Pengaruh Bacaan Murottal Al-Qur'an Yang Diperdengarkan Pada Pasien Stroke Iskemik Akut Terhadap Luaran Klinis. *Majalah Kedokteran Neurosains Perhimpunan Dokter Spesialis Saraf Indonesia*, 36(3). <https://doi.org/10.52386/neurona.v36i3.70>
- Jin, Z., Zhu, L., Zhou, S., & Lu, C. (2024). Managing Post-Stroke Fatigue Using a Mobile Health Called iHealth After Intracerebral Hemorrhage. *Journal of Multidisciplinary Healthcare*, 17, 2389–2397. <https://doi.org/10.2147/JMDH.S465902>
- Johnco, C., Knight, A., Tadic, D., Wuthrich, V. M., Pachana, N. A., & Oude Voshaar, R. C. (2015). Psychometric properties of the Geriatric Anxiety Inventory (GAI) and its short-form (GAI-SF) in a clinical and non-clinical sample of older adults. *International Psychogeriatrics*, 27(7), 1089–1097. <https://doi.org/10.1017/S1041610214001586>
- Kang, K., & Li, S. (2022). A WeChat-based caregiver education program improves satisfaction of stroke patients and caregivers, also alleviates poststroke cognitive impairment and depression: A randomized, controlled study. *Medicine (United States)*, 101(27), E29603. <https://doi.org/10.1097/MD.00000000000029603>
- Kapoor, A., Si, K., Yu, A. Y. X., Lanctot, K. L., Herrmann, N., Murray, B. J., & Swartz, R. H. (2019). Younger Age and Depressive Symptoms Predict High Risk of Generalized Anxiety after Stroke and Transient Ischemic Attack. *Stroke*, 50(9), 2359–2363. <https://doi.org/10.1161/STROKEAHA.119.025464>
- Kim, J. S. (2020). Serotonin and stroke. In *Handbook of Behavioral Neuroscience* (Vol. 31). Elsevier. <https://doi.org/10.1016/B978-0-444-64125-0.00052-9>
- Kim, D. Y., Kwon, H., Nam, K.-W., Lee, Y., Kwon, H.-M., & Chung, Y. S. (2020). Remote management of poststroke patients with a smartphone-based management system integrated in clinical care: Prospective, nonrandomized, interventional study. *Journal of Medical Internet Research*, 22(2). <https://doi.org/10.2196/15377>
- Kim, D. Y., Kwon, H., Nam, K. W., Lee, Y., Kwon, H. M., & Chung, Y. S. (2020). Remote management of poststroke patients with a smartphone-based management system integrated in clinical care: Prospective, nonrandomized, interventional study. *Journal of Medical Internet Research*, 22(2). <https://doi.org/10.2196/15377>
- Knapp, P., Dunn-Roberts, A., Sahib, N., Cook, L., Astin, F., Kontou, E., & Thomas, S. A. (2020). Frequency of anxiety after stroke: An updated systematic review and meta-analysis of observational studies. *International Journal of Stroke*, 15(3), 244–255. <https://doi.org/10.1177/1747493019896958>
- Knapp, P., Campbell Burton, C. A., Holmes, J., Murray, J., Gillespie, D., Lightbody, C. E., Watkins, C. L., Chun, H. Y. Y., & Lewis, S. R. (2017). Interventions for

- treating anxiety after stroke. *Cochrane Database of Systematic Reviews*, 2017(5). <https://doi.org/10.1002/14651858.CD008860.pub3>
- Kneebone, I. I., Fife-Schaw, C., Lincoln, N. B., & Harder, H. (2016). A study of the validity and the reliability of the Geriatric Anxiety Inventory in screening for anxiety after stroke in older inpatients. *Clinical Rehabilitation*, 30(12), 1220–1228. <https://doi.org/10.1177/0269215515619661>
- Kosasih, F. R., Yee, V. T. S., Toh, S. H. Y., & Sündermann, O. (2023). Efficacy of Intellect's self-guided anxiety and worry mobile health programme: A randomized controlled trial with an active control and a 2-week follow-up. *PLOS Digital Health*, 2(5), e0000095. <https://doi.org/10.1371/journal.pdig.0000095>
- Kronenberg, G., Schöner, J., Levitanus, M., Alvarado Balderrama, A. V., Geran, R., Laumeier, I., Schlattmann, P., Nelson, C. P., Endres, M., & Gertz, K. (2021). The importance of previous lifetime trauma in stroke-induced PTSD symptoms and mental health outcomes. *Journal of Psychiatric Research*, 136(May), 589–594. <https://doi.org/10.1016/j.jpsychires.2020.10.033>
- Kronish, I. M., Edmondson, D., Goldfinger, J. Z., Fei, K., & Horowitz, C. R. (2012). Posttraumatic stress disorder and adherence to medications in survivors of strokes and transient ischemic attacks. *Stroke*, 43(8), 2192–2197. <https://doi.org/10.1161/STROKEAHA.112.655209>
- Ladwig, S., Werheid, K., Südmeyer, M., & Volz, M. (2023). Predictors of post-stroke depression: Validation of established risk factors and introduction of a dynamic perspective in two longitudinal studies. *Frontiers in Psychiatry*, 14. <https://doi.org/10.3389/fpsyt.2023.1093918>
- Lamsudin, R. (1997). Algoritma Stroke Gadjah Mada: Penerapan klinis untuk Membedakan Stroke Perdarahan Intracerebral dengan Stroke Iskemik Akut atau Stroke Infark. In *Berkala Ilmu Kedokteran* (Vol. 29, Issue 1, pp. 11–16). <https://repository.ugm.ac.id/18286/>
- Lee, Y., Chen, B., Fong, M. W. M., Lee, J. M., Nicol, G. E., Lenze, E. J., Connor, L. T., Baum, C., & Wong, A. W. K. (2021). Effectiveness of non-pharmacological interventions for treating post-stroke depressive symptoms: Systematic review and meta-analysis of randomized controlled trials. *Topics in Stroke Rehabilitation*, 28(4), 289–320. <https://doi.org/10.1080/10749357.2020.1803583>
- Lee, M., Lakshminarayan, K., Sedaghat, S., Sabayan, B., Chen, L. Y., Johansen, M. C., Gottesman, R. F., Heckbert, S. R., Misialek, J. R., Szklo, M., & Lutsey, P. L. (2024). Population attributable fraction of total stroke associated with modifiable risk factors in the United States. *American Journal of Epidemiology*, 193(12), 1712–1719. <https://doi.org/10.1093/aje/kwae132>
- Li, W., Xiao, W. M., Chen, Y. K., Qu, J. F., Liu, Y. L., Fang, X. W., Weng, H. Y., & Luo, G. P. (2019). Anxiety in patients with acute ischemic stroke: Risk factors and effects on functional status. *Frontiers in Psychiatry*, 10(APR), 1–8. <https://doi.org/10.3389/fpsyt.2019.00257>
- Li, Z., Lei, Y., Bui, Q., DePaul, O., Nicol, G. E., Mohr, D. C., Lee, S. I., Fong, M. W. M., Metts, C. L., Tomazin, S. E., & Wong, A. W. K. (2024). A Digital Intervention to Promote Self-Management Self-Efficacy Among Community-Dwelling Individuals With Stroke: Pilot Randomized Controlled Trial. *JMIR*

- Lin, F. H., Yih, D. N., Shih, F. M., & Chu, C. M. (2019). Effect of social support and health education on depression scale scores of chronic stroke patients. *Medicine*, 98(44), e17667. <https://doi.org/10.1097/MD.00000000000017667>
- Liu, F., Yang, Y., Wang, S., Zhang, X. L., Wang, A. X., Liao, X. L., Fang, H. J., Qu, Y., Ma, W. G., Zhang, N., Wang, C. X., & Wang, Y. J. (2021). Impact of Sleep Duration on Depression and Anxiety After Acute Ischemic Stroke. *Frontiers in Neurology*, 12(March), 1–8. <https://doi.org/10.3389/fneur.2021.630638>
- Lo, S. H. S., Chau, J. P. C., Choi, K. C., Wong, R. Y. M., Kwan, J. C. Y., & Iu, I. H. L. (2023). Health Professional- and Volunteer-partnered Self-management Support (COMBO-KEY) to Promote Self-efficacy and Self-management Behaviors in People with Stroke: A Randomized Controlled Trial. *Annals of Behavioral Medicine*, 57(10), 866–876. <https://doi.org/10.1093/abm/kaad028>
- Lu, W., & Wen, J. (2024). Neuroinflammation and Post-Stroke Depression: Focus on the Microglia and Astrocytes. *Aging and Disease*, 0. <https://doi.org/10.14336/ad.2024.0214-1>
- Luan, S., Wu, X., & Yin, S. (2022). Anxiety faintly and depression remarkably correlate with recurrence in acute ischemic stroke patients: A study with 3-year longitude evaluation and follow-up. *Medicine (United States)*, 101(3), E28521. <https://doi.org/10.1097/MD.00000000000028521>
- Ly, K. H., Topooco, N., Cederlund, H., Wallin, A., Bergstrom, J., Molander, O., Carlbring, P., & Andersson, G. (2015). Smartphone-supported versus full behavioural activation for depression: A randomised controlled trial. *PLoS ONE*, 10(5), 1–16. <https://doi.org/10.1371/journal.pone.0126559>
- Majid, N. (2020). The Practice of Patient Education among Public Hospital Nurses in Malaysia. *Environment-Behaviour Proceedings Journal*, 5(15), 131–137. <https://doi.org/10.21834/ebpj.v5i15.2476>
- Masturoh, I., & Anggita, N. (2018). Metodologi penelitian kesehatan. *Jakarta: Pusat Pendidikan Sumber Daya Manusia Kesehatan*, 307.
- Mayman, N. A., Tuhrim, S., Jette, N., Dhamoon, M. S., & Stein, L. K. (2021). Sex Differences in Post-Stroke Depression in the Elderly. *Journal of Stroke and Cerebrovascular Diseases*, 30(9), 1–7. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2021.105948>
- Mbau, E. Y. S., Handayani, F., & Kusumaningrum, N. (2020). Music Therapy in Post-Stroke Patient Anxiety Problems: Scoping Review. *STRADA Jurnal Ilmiah Kesehatan*, 9(2), 1694–1701. <https://doi.org/10.30994/sjik.v9i2.521>
- McLellan, H. L., Dawson, E. A., Eijsvogels, T. M. H., Thijssen, D. H. J., & Bakker, E. A. (2024). Impact of Hypertension on the Dose-Response Association Between Physical Activity and Stroke: A Cohort Study. *Stroke*, 55(9), 2231–2239. <https://doi.org/10.1161/STROKEAHA.123.045870>
- Medeiros, G. C., Roy, D., Kontos, N., & Beach, S. R. (2020). Post-stroke depression: A 2020 updated review. *General Hospital Psychiatry*, 66, 70–80. <https://doi.org/10.1016/j.genhosppsych.2020.06.011>
- Mensah Otabil, E., Dai, Q., Anzenberg, P., Filippaios, A., Ding, E., Mehawej, J., Mathew, J. E., Lessard, D., Wang, Z., Noorishirazi, K., Hamel, A., Paul, T., DiMezza, D., Han, D., Mohagheghian, F., Soni, A., Lin, H., Barton, B., Saczynski, J., ... McManus, D. D. (2023). Technology engagement is

- associated with higher perceived physical well-being in stroke patients prescribed smartwatches for atrial fibrillation detection. *Frontiers in Digital Health*, 5. <https://doi.org/10.3389/fdgth.2023.1243959>
- Messina, N. P. (2023). An Experimental Study of the Effectiveness of a Trauma-Specific Intervention for Incarcerated Men. *Journal of Interpersonal Violence*, 38(3–4), 3088–3112. <https://doi.org/10.1177/08862605221104526>
- Miao, Y., Zhang, J., Wu, J., Zhu, D., Bai, J., Zhang, J., Ren, R., Guo, D., Zhen, M., Cui, J., Li, X., Dong, W., Tarimo, C. S., Feng, Y., & Shen, Z. (2024). Gender disparities in physical, psychological, and cognitive multimorbidity among elderly hypertensive populations in rural regions. *International Journal for Equity in Health*, 23(1). <https://doi.org/10.1186/s12939-024-02324-y>
- Mills, G. E., & Jordan, A. W. (2023). *Educational Research: Competencies for Analysis and Applications* (13th ed.). Pearson+.
- Miranda, J. J., Moscoso, M. G., Toyama, M., Caverio, V., Diez-Canseco, F., & Ovbiagele, B. (2018). Role of mHealth in overcoming the occurrence of post-stroke depression. *Acta Neurologica Scandinavica*, 137(1), 12–19. <https://doi.org/10.1111/ane.12832>
- Mitchell, A. J., Sheth, B., Gill, J., Yadegarfar, M., Stubbs, B., Yadegarfar, M., & Meader, N. (2017). Prevalence and predictors of post-stroke mood disorders: A meta-analysis and meta-regression of depression, anxiety and adjustment disorder. *General Hospital Psychiatry*, 47, 48–60. <https://doi.org/https://doi.org/10.1016/j.genhosppsych.2017.04.001>
- Murcia, M., Chastang, J.-F., & Niedhammer, I. (2013). Psychosocial work factors, major depressive and generalised anxiety disorders: Results from the French national SIP study. *Journal of Affective Disorders*, 146(3), 319–327. <https://doi.org/https://doi.org/10.1016/j.jad.2012.09.014>
- Naeem, S., Tran, K., Mehawej, J., Paul, T., Filippaios, A., Ding, E., Otabil, E., Noorishirazi, K., Wang, Z., Lessard, D., Howard-Wilson, S., Soni, A., Saczynski, J., & McManus, D. (2022). Income in Relation to Anxiety and Patient Engagement Among Stroke Survivors Using Smartwatches for Atrial Fibrillation Monitoring. *AHA Journals*, 146(Suppl_1).
- NAMI, N. A. on M. I. (2023). *Mental Health By the Numbers*. <https://www.nami.org/about-mental-illness/mental-health-by-the-numbers/>
- Naqvi, I. A., Strobino, K., Li, H., Schmitt, K., Barratt, Y., Ferrara, S. A., Hasni, A., Cato, K. D., Weiner, M. G., Elkind, M. S. V., Kronish, I. M., & Arcia, A. (2023). Improving Patient-Reported Outcomes in Stroke Care using Remote Blood Pressure Monitoring and Telehealth. *Applied Clinical Informatics*, 14(5), 883–891. <https://doi.org/10.1055/s-0043-1772679>
- Ntoumanis, N., Ng, J. Y. Y., Prestwich, A., Quested, E., Hancox, J. E., Thøgersen-Ntoumani, C., Deci, E. L., Ryan, R. M., Lonsdale, C., & Williams, G. C. (2021). A meta-analysis of self-determination theory-informed intervention studies in the health domain: effects on motivation, health behavior, physical, and psychological health. *Health Psychology Review*, 15(2), 214–244. <https://doi.org/10.1080/17437199.2020.1718529>
- Nursalam, N. (2016). *Metodologi penelitian ilmu keperawatan*. Salimba Medika.
- O’Sullivan, M. J., Li, X., Galligan, D., & Pendlebury, S. T. (2023). Cognitive Recovery After Stroke: Memory. *Stroke*, 54(1), 44–54. <https://doi.org/10.1161/STROKEAHA.122.041497>

- Pachana, N. A., & Byrne, G. J. (2012). The geriatric anxiety inventory: International use and future directions. *Australian Psychologist*, 47(1), 33–38. <https://doi.org/10.1111/j.1742-9544.2011.00052.x>
- Pachana, N. A., Byrne, G. J., Siddle, H., Koloski, N., Harley, E., & Arnold, E. (2007). Development and validation of the Geriatric Anxiety Inventory. *International Psychogeriatrics*, 19(1), 103–114. <https://doi.org/10.1017/S1041610206003504>
- Pan, A., Sun, Q., Okereke, O. I., Rexrode, K. M., & Hu, F. B. (2011). Depression and Risk of Stroke Morbidity focused on cardiovascular outcomes. *JAMA : The Journal of the American Medical Association*, 306(11), 1241–1249.
- Paramasivam, P., Choi, S. W., Poddar, R., & Paul, S. (2024). Impairment of neuronal tyrosine phosphatase STEP worsens post-ischemic inflammation and brain injury under hypertensive condition. *Journal of Neuroinflammation*, 21(1), 271. <https://doi.org/10.1186/s12974-024-03227-z>
- Parappilly, B. P., Field, T. S., Mortenson, W. B., Sakakibara, B. M., & Eng, J. J. (2018). Effectiveness of interventions involving nurses in secondary stroke prevention: A systematic review and meta-analysis. *European Journal of Cardiovascular Nursing*, 17(8), 728–736. <https://doi.org/10.1177/1474515118779732>
- Park, H.-Y., Yeom, I.-S., & Kim, Y.-J. (2023). Telehealth interventions to support self-care of stroke survivors: An integrative review. *Heliyon*, 9(6), e16430. <https://doi.org/https://doi.org/10.1016/j.heliyon.2023.e16430>
- Patel, K., Watkins, C. L., Sutton, C. J., Holland, E. J., Benedetto, V., Auton, M. F., Barer, D., Chatterjee, K., & Lightbody, C. E. (2018). Motivational interviewing for low mood and adjustment early after stroke: A feasibility randomised trial. *Pilot and Feasibility Studies*, 4(1), 1–13. <https://doi.org/10.1186/s40814-018-0343-z>
- Paul, T. J., Tran, K. van, Mehawej, J., Lessard, D., Ding, E., Filippaios, A., Howard-Wilson, S., Otabil, E. M., Noorishirazi, K., Naeem, S., Hamel, A., Han, D., Chon, K. H., Barton, B., Saczynski, J., & McManus, D. (2023). Anxiety, patient activation, and quality of life among stroke survivors prescribed smartwatches for atrial fibrillation monitoring. *Cardiovascular Digital Health Journal*, 4(4), 118–125. <https://doi.org/10.1016/j.cvdhj.2023.04.002>
- Pedowitz, E., Derby, L., Cruz, G. J., Trainor, A., Edmondson, D., & Cornelius, T. (2021). Relationship between NIH stroke symptoms and post-traumatic stress disorder in patients evaluated for transient ischemic attack/stroke. *General Hospital Psychiatry*, 70(February), 98–102. <https://doi.org/10.1016/j.genhosppsych.2021.03.004>
- Peng, Y., Lu, Y., Wei, W., Yu, J., Wang, D., Xiao, Y., Xu, J., & Wang, Z. (2015). The Effect of a Brief Intervention for Patients with Ischemic Stroke: A Randomized Controlled Trial. *Journal of Stroke and Cerebrovascular Diseases*, 24(8), 1793–1802. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2015.04.009>
- Polit, D. F., & Beck, C. T. (2010). *Essentials of Nursing Research: Appraising Evidence for Nursing Practice*. Wolters Kluwer Health/Lippincott Williams & Wilkins. <https://books.google.co.id/books?id=7GtP8VCw4BYC>
- Powers, W. J., Rabinstein, A. A., Ackerson, T., Adeoye, O. M., Bambakidis, N. C., Becker, K., Biller, J., Brown, M., Demaerschalk, B. M., Hoh, B., Jauch, E. C., Kidwell, C. S., Leslie-Mazwi, T. M., Ovbiagele, B., Scott, P. A., Sheth, K. N.,

- Southerland, A. M., Summers, D. v., & Tirschwell, D. L. (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>
- Prick, J. C. M., Zonjee, V. J., van Schaik, S. M., Dahmen, R., Garvelink, M. M., Brouwers, P. J. A. M., Saxena, R., Keus, S. H. J., Deijle, I. A., van Uden-Kraan, C. F., van der Wees, P. J., & van den Berg-Vos, R. M. (2022). Experiences with information provision and preferences for decision making of patients with acute stroke. *Patient Education and Counseling*, 105(5), 1123–1129. <https://doi.org/10.1016/j.pec.2021.08.015>
- Raghupathi, V., & Raghupathi, W. (2020). The influence of education on health: An empirical assessment of OECD countries for the period 1995-2015. *Archives of Public Health*, 78(1), 1–18. <https://doi.org/10.1186/s13690-020-00402-5>
- Redmond, C., Bushnell, C., Duncan, P., D'Agostino Jr, R., Ambrosius, W. T., Bishop, L., Gesell, S., Prvu-Bettger, J., & el Hussein, N. (2022). Association of in-hospital depression and anxiety symptoms following stroke with 3 months- depression, anxiety and functional outcome. *Journal of Clinical Neuroscience*, 98, 133–136. <https://doi.org/https://doi.org/10.1016/j.jocn.2022.02.010>
- Richard, G., Petersen, A., Ulrichsen, K. M., Kolskår, K. K., Alnæs, D., Sanders, A.-M., Dørum, E. S., Ihle-Hansen, H., Nordvik, J. E., & Westlye, L. T. (2020). TVA-based modeling of short-term memory capacity, speed of processing and perceptual threshold in chronic stroke patients undergoing cognitive training: case-control differences, reliability, and associations with cognitive performance. *PeerJ*, 8, e9948. <https://doi.org/10.7717/peerj.9948>
- Rissanen, I., Basten, M., Exalto, L. G., Peters, S. A. E., Visseren, F. L. J., Geerlings, M. I., Cramer, M. J., van der Meer, M. G., Nathoe, H. M., de Borst, G. J., Bots, M. L., Geerlings, M. I., Emmelot-Vonk, M. H., de Jong, P. A., Lely, A. T., van der Kaaij, N. P., Kappelle, L. J., Ruigrok, Y. M., Verhaar, M. C., ... Group, F. the U.-S.-S. (2024). Sex differences in modifiable risk factors for stroke incidence and recurrence: the UCC-SMART study. *Journal of Neurology*, 271(6), 3347–3358. <https://doi.org/10.1007/s00415-024-12268-6>
- Robinson, R. G., & Jorge, R. E. (2016). Post-stroke depression: A review. *American Journal of Psychiatry*, 173(3), 221–231. <https://doi.org/10.1176/appi.ajp.2015.15030363>
- 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>
- Sakakibara, B. M., Lear, S. A., Barr, S. I., Goldsmith, C. H., Schneeberg, A., Silverberg, N. D., Yao, J., & Eng, J. J. (2022). Telehealth coaching to improve self-management for secondary prevention after stroke: A randomized

- controlled trial of Stroke Coach. *International Journal of Stroke*, 17(4), 455–464. <https://doi.org/10.1177/17474930211017699>
- Samudio-Cruz, M. A., Toussaint-González, P., Estrada-Cortés, B., Martínez-Cortéz, J. A., Rodríguez-Barragán, M. A., Hernández-Arenas, C., Quinzaños-Fresnedo, J., & Carrillo-Mora, P. (2023). Education Level Modulates the Presence of Poststroke Depression and Anxiety, But It Depends on Age. *The Journal of Nervous and Mental Disease*, 211(8). https://journals.lww.com/jonmd/fulltext/2023/08000/education_level_modulates_the_presence_of.6.aspx
- Sanner Beauchamp, J. E., Casamendi Montiel, T., Cai, C., Tallavajhula, S., Hinojosa, E., Okpala, M. N., Vahidy, F. S., Savitz, S. I., & Sharrief, A. Z. (2020). A Retrospective Study to Identify Novel Factors Associated with Post-stroke Anxiety. *Journal of Stroke and Cerebrovascular Diseases*, 29(2), 104582. <https://doi.org/https://doi.org/10.1016/j.jstrokecerebrovasdis.2019.104582>
- Sastroasmoro, Prof. dr. S., & Sofyan Ismael. (2014). *Dasar-Dasar Metodologi Penelitian Klinis/ Prof. dr. Sudigdo Sastroasmoro, Prof. dr. Sofyan Ismael.* Sagung Seto.
- Schnepel, L., Stubits, D., Johnson, Y., Miller, T., Hodges, W., Falk, D., Bull, K., Smotherman, C., Sanders, K., & Silliman, S. (2012). Abstract 2954: Evaluating the Retention of Stroke Education Provided to the Hospitalized Patient with Acute Ischemic Stroke in an Urban Hospital. *AHA Journals*, 43(suppl_1). https://doi.org/https://doi.org/10.1161/str.43.suppl_1.A2954
- Shang, J., Dolikun, N., Tao, X., Zhang, P., Woodward, M., Hackett, M. L., & Henry, A. (2022). The effectiveness of postpartum interventions aimed at improving women's mental health after medical complications of pregnancy: a systematic review and meta-analysis. *BMC Pregnancy and Childbirth*, 22(1), 1–13. <https://doi.org/10.1186/s12884-022-05084-1>
- Shanthakumaran, Y., Rasheed, R., & Patel, A. (2022). An Observational Study of the Mental Health Burden in Frail and Elderly Patients. *BJPsych Open*, 8(S1), S66–S66. <https://doi.org/DOI: 10.1192/bjo.2022.230>
- Shen, J., Zhang, H., Wang, Y., Abdulai, T., Niu, M., Luo, Z., Wang, Y., Li, R., Wang, F., Wang, C., & Mao, Z. (2020). Dose-response association of sleep quality with anxiety symptoms in Chinese rural population: The Henan rural cohort. *BMC Public Health*, 20(1), 1–8. <https://doi.org/10.1186/s12889-020-09400-2>
- Shi, Y., Yang, D., Zeng, Y., & Wu, W. (2017). Risk factors for post-stroke depression: A meta-analysis. *Frontiers in Aging Neuroscience*, 9(JUL), 1–14. <https://doi.org/10.3389/fnagi.2017.00218>
- Silva, C. C., Presseau, J., van Allen, Z., Dinsmore, J., Schenk, P., Moreto, M., & Marques, M. M. (2024). Components of multiple health behaviour change interventions for patients with chronic conditions: a systematic review and meta-regression of randomized trials. *Health Psychology Review*, 1–56. <https://doi.org/10.1080/17437199.2024.2413871>
- Silva, G. S., & Schwamm, L. H. (2022). Advances in Stroke: Digital Health. *Stroke*, 53(3), 1004–1007. <https://doi.org/10.1161/STROKEAHA.121.036974>
- Simmons, C. A., Poupore, N., & Nathaniel, T. I. (2023). Age Stratification and Stroke Severity in the Telestroke Network. *Journal of Clinical Medicine*, 12(4). <https://doi.org/10.3390/jcm12041519>

- Starkstein, S. E., & Hayhow, B. D. (2019). Treatment of Post-Stroke Depression. *Current Treatment Options in Neurology*, 21(7). <https://doi.org/10.1007/s11940-019-0570-5>
- Stein, L. A., Goldmann, E., Zamzam, A., Luciano, J. M., Messé, S. R., Cucchiara, B. L., Kasner, S. E., & Mullen, M. T. (2018). Association between anxiety, depression, and post-traumatic stress disorder and outcomes after ischemic stroke. *Frontiers in Neurology*, 9(NOV), 1–9. <https://doi.org/10.3389/fneur.2018.00890>
- Sugiyono. (2016). *Metode Penelitian Kuantitatif, Kualitatif, dan R & D*. Alfabeta.
- Surbakti, U. H., R.A. Dwi Pujiastuti, & Kiking Ritarwan. (2023). Associations between Depression and Anxiety with Sleep Quality in Post Stroke Patients. *Journal of Society Medicine*, 2(3), 67–73. <https://doi.org/10.47353/jsocmed.v2i3.40>
- Szeto, S. G., Wan, H., Alavinia, M., Dukelow, S., & MacNeill, H. (2023). Effect of mobile application types on stroke rehabilitation: a systematic review. *Journal of NeuroEngineering and Rehabilitation*, 20(1), 12. <https://doi.org/10.1186/s12984-023-01124-9>
- Tadayon, H., Farzandipour, M., Nabovati, E., Akbari, H., & Masoud, S. A. (2022). Effect of mobile-based self-management application on stroke outcomes: a study protocol for triple blinded randomized controlled trial. *BMC Medical Informatics and Decision Making*, 22(1), 1–13. <https://doi.org/10.1186/s12911-022-02033-y>
- Tao, T. J., Lim, T. K., Yeung, E. T. F., Liu, H., Shris, P. B., Ma, L. K. Y., Lee, T. M. C., & Hou, W. K. (2023). Internet-based and mobile-based cognitive behavioral therapy for chronic diseases: a systematic review and meta-analysis. *Npj Digital Medicine*, 6(1), 80. <https://doi.org/10.1038/s41746-023-00809-8>
- Taştekin, N. (2015). Rehabilitation and quality of life in stroke patients. *Türkiye Fiziksel Tip ve Rehabilitasyon Dergisi*, 61(2), 97–98. <https://doi.org/10.5152/tftrd.2015.001>
- Thayabaranathan, T., Andrew, N. E., Kilkenny, M. F., Stolwyk, R., Thrift, A. G., Grimley, R., Johnston, T., Sundararajan, V., Lannin, N. A., & Cadilhac, D. A. (2018). Factors influencing self-reported anxiety or depression following stroke or TIA using linked registry and hospital data. *Quality of Life Research*, 27(12), 3145–3155. <https://doi.org/10.1007/s11136-018-1960-y>
- Towfighi, A., Ovbiagele, B., el Hussein, N., Hackett, M. L., Jorge, R. E., Kissela, B. M., Mitchell, P. H., Skolarus, L. E., Whooley, M. A., & Williams, L. S. (2017). Poststroke Depression: A Scientific Statement for Healthcare Professionals from the American Heart Association/American Stroke Association. *Stroke*, 48(2), e30–e43. <https://doi.org/10.1161/STR.0000000000000113>
- Vahidi, azadeh, & mahmodfekhe, himen. (2018). Comparison of the effectiveness of two Methods of mobile education and speech therapy on anxiety in cardiac surgery patients. *Journal of Health Literacy*, 3(3), 203–213. <https://doi.org/10.22038/jhl.2018.36481.1018>
- Wang, F., Feng, W.-M., Zhu, M., Sun, Q., Zhang, Y.-M., Wang, B., Luo, X.-Y., Shen, J.-T., Fang, X.-W., Zhang, T., & Cui, G. (2024). A study on the effect of using the video teach-back method in continuous nursing care of stroke patients.

- Frontiers in Public Health*, 12(March), 1–8.
<https://doi.org/10.3389/fpubh.2024.1275447>
- Wang, S. bin, Wang, Y. Y., Zhang, Q. E., Wu, S. L., Ng, C. H., Ungvari, G. S., Chen, L., Wang, C. X., Jia, F. J., & Xiang, Y. T. (2018). Cognitive behavioral therapy for post-stroke depression: A meta-analysis. *Journal of Affective Disorders*, 235, 589–596. <https://doi.org/10.1016/j.jad.2018.04.011>
- Wang, Y., Ge, Y., Yan, W., Wang, L., Zhuang, Z., & He, D. (2024). From smoke to stroke: quantifying the impact of smoking on stroke prevalence. *BMC Public Health*, 24(1), 2301. <https://doi.org/10.1186/s12889-024-19754-6>
- Wavell, C., Marrocco, S., Lee, F. J.-H., Momen, R., & Macaluso, S. (2023). The SETPACE Trial: Stroke Survivors Impressions of the Education and Teaching Provided Regarding Physical Activity and Patient Confidence Regarding Exercise. *American Journal of Physical Medicine & Rehabilitation*, 102(9). https://journals.lww.com/ajpmr/fulltext/2023/09000/the_setpace_trial_stroke_survivors_impressions_of.8.aspx
- Wijeratne, T., & Sales, C. (2021). Understanding why post-stroke depression may be the norm rather than the exception: The anatomical and neuroinflammatory correlates of post-stroke depression. *Journal of Clinical Medicine*, 10(8). <https://doi.org/10.3390/jcm10081674>
- Wiseman, M., Hinks, M., Hallett, D., Blundell, J., Sweeney, E., Thorpe, C. M., Walling, S. G., & Swift-Gallant, A. (2023). Evidence that ovarian hormones, but not diet and exercise, contribute to the sex disparity in post-traumatic stress disorder. *Journal of Psychiatric Research*, 168, 213–220. <https://doi.org/https://doi.org/10.1016/j.jpsychires.2023.10.048>
- Wright, F., Wu, S., Chun, H. Y. Y., & Mead, G. (2017). Factors Associated with Poststroke Anxiety: A Systematic Review and Meta-Analysis. *Stroke Research and Treatment*, 2017. <https://doi.org/10.1155/2017/2124743>
- Wulandari, T. suraning, Kurniawati, R., & Azizatul Ilmiyah, V. (2023). Efek Musik Suara Alam (Nature Sounds Music) terhadap Penurunan Kecemasan pada Pasien Pasca Stroke. *Jurnal Kesehatan*, 12(1), 12–18. <https://doi.org/10.46815/jk.v12i1.117>
- Xiao, W., Liu, Y., Huang, J., Huang, L. A., Bian, Y., & Zou, G. (2024). Analysis of factors associated with depressive symptoms in stroke patients based on a national cross-sectional study. *Scientific Reports*, 14(1), 1–10. <https://doi.org/10.1038/s41598-024-59837-3>
- Xu, J., Qian, X., Yuan, M., & Wang, C. (2023). Effects of mobile phone App-based continuing nursing care on self-efficacy, quality of life, and motor function of stroke patients in the community. *Acta Neurologica Belgica*, 123(1), 107–114. <https://doi.org/10.1007/s13760-021-01628-y>
- Yew, K. S., & Cheng, E. M. (2015). Diagnosis of acute stroke. *American Family Physician*, 91(8), 528–536. <https://doi.org/10.1080/00325481.1989.11704498>
- Yu, H. L., Cao, D. X., & Liu, J. (2019). Effect of a novel designed intensive patient care program on cognitive impairment, anxiety, depression as well as relapse free survival in acute ischemic stroke patients: a randomized controlled study. *Neurological Research*, 41(9), 857–866. <https://doi.org/10.1080/01616412.2019.1628410>

- Yudiarto, F., Machfoed, M., Darwin, A., Ong, A., Karyana, M., & Siswanto, -. (2014). Indonesia Stroke Registry (S12.003). *Neurology*, 82(10_supplement), S12.003. https://doi.org/10.1212/WNL.82.10_supplement.S12.003
- Zanella, C., Laures-Gore, J., Dotson, V. M., & Belagaje, S. R. (2023). Incidence of post-stroke depression symptoms and potential risk factors in adults with aphasia in a comprehensive stroke center. *Topics in Stroke Rehabilitation*, 30(5), 448–458. <https://doi.org/10.1080/10749357.2022.2070363>
- Zhai, T., Bailey, P. E., Rogers, K. D., & Kneebone, I. I. (2022). Validation of the Geriatric Anxiety Inventory in younger adults. *International Journal of Behavioral Development*, 46(2), 148–156. <https://doi.org/10.1177/01650254211064348>
- Zhamaliyeva, L. M., Zhamankulova, D. G., Abenova, N. A., & Koshmaganbetova, G. K. (2023). Educational Intervention Effects on Depression and Anxiety in Patients after Myocardial Infarction: A Randomized Controlled Trial. In *Journal of Cardiovascular Development and Disease* (Vol. 10, Issue 7). <https://doi.org/10.3390/jcdd10070267>
- Zhang, X., Lv, H., Chen, X., Li, M., Zhou, X., & Jia, X. (2023). Analysis of ischemic stroke burden in Asia from 1990 to 2019: based on the global burden of disease 2019 data. *Frontiers in Neurology*, 14(December), 1–10. <https://doi.org/10.3389/fneur.2023.1309931>
- Zhang, S., Xu, M., Liu, Z.-J., Feng, J., & Ma, Y. (2020). Neuropsychiatric issues after stroke: Clinical significance and therapeutic implications. *World Journal of Psychiatry*, 10(6), 125–138. <https://doi.org/10.5498/wjp.v10.i6.125>
- Zhang, Q., Sui, Y., Lin, F., Guan, H., Li, L., Wang, K., & Neitzel, A. (2024). *Internet-Based and Mobile-App-Based Mental Health Interventions among Adults : A Best Evidence Synthesis of Rigorous Randomized Controlled Trials Table of Contents*.
- Zhou, X., Du, M., & Zhou, L. (2018). Use of mobile applications in post-stroke rehabilitation: a systematic review. *Topics in Stroke Rehabilitation*, 25(7), 489–499. <https://doi.org/10.1080/10749357.2018.1482446>