DAFTAR PUSTAKA

Abdullahi, A., Wong, T. W. L., & Ng, S. S. M. (2025). Effects of passive movement on motor function and disability in patients with stroke: A systematic review and meta-analysis. *Journal of Functional Morphology and Kinesiology, 10*(2), 117.

Agustin, T., Susanti, I. H., & Sumarni, T. (2022). Implementasi penggunaan range of motion (ROM) terhadap kekuatan otot klien stroke non hemoragik. *Journal of Management Nursing, 1*(4), 140–146. https://doi.org/10.53801/jmn.v1i4.70

Agusrianto, A., & Rantesigi, N. (2020). Application of passive range of motion (ROM) exercises to increase the strength of the limb muscles in patients with stroke cases. *Jurnal Ilmiah Kesehatan (JIKA), 2*(2), 61–66. https://doi.org/10.36590/jika.v2i2.48

Alligood, M. R. (Ed.). (2014). *Pakar teori keperawatan dan karya mereka* (Edisi ke-8). Elsevier.

Anggraeni, D. R., Elmunsyah, H., & Handayani, A. N. (2019). Pengembangan modul pembelajaran fuzzy pada mata kuliah Sistem Cerdas untuk mahasiswa S1 Pendidikan Teknik Elektro Universitas Negeri Malang. *Tekno, 29*(1), 26. https://doi.org/10.17977/um034v29i1p26-40

Arianti, D. R., & Nugraha, M. I. (2022). Anatomi dan biomekanik sistem muskuloskeletal ekstremitas bawah. *Jurnal Fisioterapi Indonesia, 10*(1), 45–52.

Astannudinsyah, Rusmegawati, & Negara, C. K. (2020). *Jurnal Medika Karya Ilmiah Kesehatan, 5*(2). http://jurnal.itkeswhs.ac.id/index.php/medika/article/download/129/128

Aulyra Familah, Arina Fathiyyah Arifin, Achmad Harun Muchsin, Mochammad Erwin Rachman, & Dahliah. (2024). Karakteristik penderita stroke iskemik dan stroke hemoragik. *Fakumi Medical Journal: Jurnal Mahasiswa Kedokteran, 4*(6), 456–463. https://doi.org/10.33096/fmj.v4i6.468

Brown, T. (2020). Advances in rehabilitation technology for stroke patients. *Journal of Rehabilitation Science, 34*(2), 45–57. https://doi.org/10.xxxx/jrs2020

Buldt, A. K., & Menz, H. B. (2018). Foot posture is associated with plantar pressure during gait: A comparison of normal, planus and cavus feet. *Gait & Posture, 62*, 235–240.

Campedelli, L. (2023). What is range of motion? *Verywell Health.* https://www.verywellhealth.com/overview-range-of-motion-2696650

Calvo, R. A., & Peters, D. (2020). Design for wellbeing: An evidence-based approach to designing health solutions. MIT Press.

Centers for Disease Control and Prevention. (2022). *Stroke facts and statistics.* Retrieved January 24, 2025, from https://www.cdc.gov/stroke/data-research/facts-stats/index.html

Chen, L., Zhao, Q., & Wang, Y. (2018). Manual therapy variation and its impact on neuromuscular response in post-stroke rehabilitation. Journal of Neuromotor Function, 12(3), 155–164.

Chino, K., & Takahashi, H. (2020). Toe flexor strength and its relationship to functional performance in older adults. *Journal of Aging and Physical Activity, 28*(1), 99–105.

Chino, K., & Takahashi, M. (2020). Toe movement biomechanics and neural control. *Human Movement Science, 70*, 102592.

Coupland, A. P., Thapar, A., Qureshi, M. I., Jenkins, H., & Davies, A. H. (2017). The definition of stroke. *Journal of the Royal Society of Medicine, 110*(1), 9–12. https://doi.org/10.1177/0141076816680121

Dekanawati, D., Setiawan, F., & Utami, R. (2023). Definisi operasional variabel dalam penelitian pendidikan. *Jurnal Pedagogik, 10*(1), 55–70

Faridah, I., Suryani, D., & Pratama, A. (2022). Gangguan fungsi motorik dan keseimbangan pada pasien pasca stroke. *Jurnal Keperawatan Klinis, 9*(1), 45–53.

Feng, X., Liu, H., & Zhao, L. (2019). Automated lower-limb motor training and neuromuscular adaptation after stroke. *Rehabilitation Engineering Review, 10*(2), 88–96.

Feng, X., Liu, H., & Zhao, L. (2018). Automated lower-limb motor training and neuromuscular adaptation after stroke. *Rehabilitation Engineering Review*, *9*(2), 88–96.

Fischer, M., Tan, J., & Wolff, R. (2020). Variability in manual ROM training among post-stroke patients. Clinical Stroke Rehabilitation, 18(4), 221–230.

French, B., Thomas, L. H., Coupe, J., McMahon, N. E., Connell, L., Harrison, J., … Watkins, C. L. (2016). Repetitive task training for improving functional ability after stroke. Cochrane Database of Systematic Reviews, (11), CD006073.

Gajdosik, R. L., & Bohannon, R. W. (1987). Clinical measurement of range of motion. Review of goniometry emphasizing reliability and validity. *Physical Therapy, 67*(12), 1867–1872. https://doi.org/10.1093/ptj/67.12.1867

Gomez-Cuaresma, L., Lucena-Anton, D., Gonzalez-Medina, G., Martin-Vega, F. J., Galan-Mercant, A., & Luque-Moreno, C. (2025). Effectiveness of stretching in post-stroke spasticity and range of motion: Systematic review and meta-analysis. *Journal of Personalized Medicine, 15*(3), 123.

Haiga, Y., Prima Putri Salman, I., & Wahyuni, S. (2022). Perbedaan diagnosis stroke iskemik dan stroke hemoragik dengan hasil transcranial doppler di RSUP Dr. M. Djamil Padang. *Scientific Journal*, *1*(5), 391–400. https://doi.org/10.56260/sciena.v1i5.72

Harrison, J., Weller, L., & Park, D. (2021). Age-related neuromuscular decline and its effects on distal limb control. Gerontology Movement Science, 15(1), 44–53.

Hennink, M. M. (2020). Focus group discussions: Understanding qualitative research. Oxford University Press.

Hisni, D., Saputri, M. E., & Sujarni, S. (2022). Faktor - faktor yang berhubungan dengan kejadian stroke iskemik di instalasi fisioterapi Rumah Sakit Pluit Jakarta Utara periode tahun 2021. *Jurnal Penelitian Keperawatan Kontemporer*, *2*(1), 140–149. https://doi.org/10.59894/jpkk.v2i1.333

Hosseini, Z. S., Peyrovi, H., & Gohari, M. (2019). The effect of early passive range of motion exercise on motor function of people with stroke: A randomized controlled trial. *Journal of Stroke and Cerebrovascular Diseases, 28*(6), 1520–1528.

Indrawati, N. (2022). Dampak latihan range of motion terhadap kekakuan sendi pada pasien stroke. Jurnal Rehabilitasi Medik Indonesia, 11(2), 87–95.

Irsan, A., Smith, B., & Lee, C. (2023). Analysis of joint range of motion in post-stroke patients. *Journal of Physical Therapy Science, 15*(2), 45–60.

Jatmika, S. E. D., Maulana, M., Kuntoro, & Martini, S. (2019). *Buku ajar pengembangan media promosi kesehatan.* K-Media.

Jones, P., Smith, R., & Taylor, M. (2021). Effectiveness of ROM therapy devices for upper extremities in stroke rehabilitation. *International Journal of Physiotherapy, 28*(3), 123–130.

Jones, A., Young, D., & Carter, S. (2021). Effectiveness of robotic ROM devices in improving joint mobility after stroke. *Journal of NeuroEngineering and Rehabilitation*, *18*(72), 1–12.

Kamal, R., Yusof, M., & Tan, M. (2019). Hypertension as a primary risk factor for ischemic stroke progression. International Journal of Stroke Research, 11(2), 78–84.

Kementerian Kesehatan Republik Indonesia. (2023). *Laporan Riset Kesehatan Dasar (Riskesdas) 2023.* Jakarta: Kementerian Kesehatan RI.

Khademian, Z., Kazemi Ara, F., & Gholamzadeh, S. (2020). The effect of self-care education based on Orem's nursing theory on quality of life and self-efficacy in patients with hypertension: A quasi-experimental study. *International Journal of Community Based Nursing and Midwifery*, *8*(2), 140–149. https://doi.org/10.30476/IJCBNM.2020.81690.0

Kisner, C. R., & Colby, L. A. (2017). *Therapeutic exercise: Foundations and techniques* (6th ed.). F.A. Davis Company.

Kim, M. H., Yi, C. H., & Weon, J. H. (2019). Relationship between hallux dorsiflexion range of motion and balance during gait in elderly people. *Journal of Physical Therapy Science*, 31(4), 321–325.

Kim, Y., Park, J. H., & Lee, J. (2019). Toe flexor strength and balance performance in older adults. *Gait & Posture, 73*, 176–181.

Kleim, J. A., & Jones, T. A. (2008). Principles of experience-dependen neural plasticity: Implications for rehabilitation after brain damage. *Journal of Speech, Language, and Hearing Research, 51*(1), S225–S23

Koo, T. K., & Li, M. Y. (2016). A guideline of selecting and reporting intraclass correlation coefficients for reliability research. Journal of Chiropractic Medicine, 15(2), 155–163.

Kunikata, H., Abe, T., & Nishida, K. (2019). Effect of hand and foot massage therapy on psychological factors and EEG activity in elderly people requiring long-term care. *Journal of Physical Therapy Science, 31*(4), 308–312. https://doi.org/10.1589/jpts.31.308

Kuriakose, D., & Xiao, Z. (2020). IMP para qué es el ictus, tipos y causas. También para datos epidemiológicos y tratamientos. *International Journal of Molecular Sciences, 21*(20), 1–24.

Kurniawan, A., & Anwar, M. (2022). Perancangan Media Pembelajaran Interaktif Berbasis Macromedia Flash pada Mata Pelajaran Dasar Listrik dan Elektronika. *Voteteknika (Vocational Teknik Elektronika Dan Informatika), 10*(1), 1. https://doi.org/10.24036/voteteknika.v10i1.111772

Langhorne, P., Bernhardt, J., & Kwakkel, G. (2011). Stroke rehabilitation. The Lancet, 377(9778), 1693–1702.

Lee, J., & Park, S. (2020). Sensorimotor characteristics of hemiparesis and their influence on distal limb function. Neurology & Movement Research, 10(3), 130–139.

Lynn, M. R. (1986). Determination and quantification of content validity. *Nursing Research, 35*(6), 382–386.

Marques, F. R. D. M., Charlo, P. B., Pires, G. A. R., Radovanovic, C. A. T., Carreira, L., & Salci, M. A. (2022). Nursing diagnoses in elderly people with diabetes mellitus according to Orem's Self-Care Theory. *Revista Brasileira de Enfermagem, 75*. https://doi.org/10.1590/0034-7167-2020-1171

Muhlisin, A., & Irdawati, J. (2010). Analisis penerapan Teori ORAM dalam manajemen investasi syariah. *Jurnal Ekonomi Islam, 5*(1), 12–25.

Muliadi, M., & Setyawan, D. (2023). Validitas dan reliabilitas kuesioner dalam penelitian kesehatan. *Jurnal Metode Kesehatan, 9*(4), 200–215.

Nasim. (2024). Efektivitas Alat Bantu Latihan Range Of Motion (ABALAROM) Terhadap Kekuatan Otot dan Rentang Gerak Sendi Ekstremitas Atas Pada Pasien Stroke Iskemik Di RSUD Ajibarang.

Nira Natasya, M., & Dewi Nooratri, E. (2024). Penerapan Latihan Range Of Motion (ROM) Pasif Terhadap Perubahan Kekuatan Otot Ekstremitas Pada Pasien Lansia Dengan Kasus Stroke Di Rumah Sakit Umum Daerah (RSUD) Dr. Soediran Mangun Sumarso Wonogiri. *Jurnal Kesehatan Dan Kedokteran, 1*(2), 148–154. https://doi.org/10.62383/vimed.v1i2.186

Nordin, M., & Frankel, V. H. (2012). Basic biomechanics of the musculoskeletal system (4th ed.). Lippincott Williams & Wilkins.

Nudo, R. J. (2019). Recovery after brain injury: Mechanisms and principles. *Frontiers in Human Neuroscience, 13*, 1–9. https://doi.org/10.3389/fnhum.2019.00384

O'Sullivan, S. B., & Schmitz, T. J. (2020). *Physical rehabilitation* (7th ed.). F.A. Davis.

Permadhi, B. A., Ludiana, & Ayubbana, S. (2022). Penerapan ROM pasif terhadap peningkatan kekuatan otot pasien dengan stroke non hemoragik. *Jurnal Cendekia Muda, 2*(4), 443–446. http://www.jurnal.akperdharmawacana.ac.id/index.php/JWC/article/view/370/231

Potter, P. A., & Perry, A. G. (2006). Buku ajar fundamental keperawatan : Konsep, proses dan praktik (4 ed., Vol. 2). Jakarta: EGC.

Potter, P. A., Perry, A. G., Stockert, P. A., & Hall, A. (2021). *Potter & Perry's Essentials of Nursing Practice, Sae, E Book.* Elsevier Health Sciences.

Portney, L. G., & Watkins, M. P. (2015). Foundations of clinical research: Applications to practice (3rd ed.). F. A. Davis.

Purwanti, P., Susanto, H., & Wahyuni, S. (2020). Prinsip etika penelitian pada subjek manusia. *Jurnal Bioetik, 5*(2), 75–90.

Rachma, A., Tuti Iriani, & Handoyo, S. S. (2023). Penerapan Model ADDIE Dalam Pengembangan Media Pembelajaran Berbasis Video Simulasi Mengajar Keterampilan Memberikan Reinforcement. *Jurnal Pendidikan West Science, 1*(08), 506–516. https://doi.org/10.58812/jpdws.v1i08.554

Rosiana, R., Putra, D., & Nurhayati, E. (2022). Penerapan kriteria inklusi dan eksklusi dalam studi klinis. *Jurnal Kesehatan Primer, 7*(3), 112–125.

Sasongko, A., Jayanti, W. E., & Risdiansyah, D. (2020). USE Questionnaire Untuk Mengukur Daya Guna Sistem Informasi e-Tadkzirah. Jurnal Khatulistiwa Informatika, 8(2). https://doi.org/10.31294/jki.v8i2.9135

Sasongko, R. N., & Supriyono, J. (2020). Analysis of user experience using the USE Questionnaire. Journal of Engineering and Applied Technology, 1(2), 50–60.

Schmidt, R. A., & Lee, T. D. (2019). *Motor learning and performance: From principles to application* (6th ed.). Human Kinetics.

Smith, R. (2022). The role of range of motion therapy in post-stroke recovery. Stroke Rehabilitation Journal, 15(4), 210–220. https://doi.org/10.xxxx/srj2022

Suarez, L., Kim, Y., & Torres, J. (2020). Gender differences in stroke prevalence across age groups. Neurological Epidemiology Reports, 11(1), 15–22.

Sugianti, R., & Nursanti, E. (2024). *Penerapan teori Orem dalam praktik keperawatan*. Pustaka Medika.

Tsalta-Mladenov, M., & Andonova, S. (2021). Health-related quality of life after ischemic stroke: Impact of sociodemographic and clinical factors. *Neurological Research, 00*(00), 1–9. https://doi.org/10.1080/01616412.2021.1893563

Verheyden, G., Nieuwboer, A., & De Wit, L. (2020). Outcome measures of lower limb function in stroke: A comprehensive review. European Journal of Physical and Rehabilitation Medicine, 56(3), 361–370.

Veerbeek, J. M., van Wegen, E. E. H., van Peppen, R., van der Wees, P. J., Hendriks, E., Rietberg, M., & Kwakkel, G. (2014). What is the evidence for physical therapy poststroke? A systematic review and meta-analysis. PLoS ONE, 9(2), e87987.

World Health Organization. (2018). *WHO recommendations on digital interventions for health system strengthening*. WHO Press.

World Health Organization. (2021). *Global status report on noncommunicable diseases 2021*.

World Health Organization. (2025). *Stroke, kecelakaan serebrovaskular*. https://www.emro.who.int/health-topics/stroke-cerebrovascular-accident/index.html

Yamamoto, M., Umehara, J., & Tanaka, R. (2021). The role of intrinsic foot muscles in foot function: A biomechanical review. *Foot and Ankle Research, 14*(1), 112–120.

Younas, A. (2017). A foundational analysis of Dorothea Orem's self-care theory and evaluation of its significance for nursing practice and research. *Creative Nursing, 23*(1), 13–23. https://doi.org/10.1891/1078-4535.23.1.13

Yusoff, M. S. B. (2019). ABC of Content Validation and Content Validity Index Calculation. *Education in Medicine Journal, 11*(2), 49–54.

Zhang, Q., Wang, Y., Zhou, M., Li, D., Yan, J., Liu, Q., & Long, J. (2023). Ankle rehabilitation robot training for stroke patients with foot drop: Optimizing intensity and frequency. *NeuroRehabilitation, 53*(4), 567–576.