

DAFTAR PUSTAKA

- Alhajrasi, H. N. (2025). Physiology of Glucose: An Updated Review for Healthcare Professionals. *Egyptian Journal of Chemistry*, 68, 1175–1184.
<https://doi.org/10.21608/ejchem.2025.405197.12065>
- Amaniah, N. A. N., & Waluya, N. A. (2023). Kemampuan Pasien Diabetes Mellitus Tipe 2 Melakukan Senam Kaki Untuk Mencegah Terjadinya Ulkus Diabetikum. *Medical-Surgical Journal of Nursing Research*, 1(2), 117–125.
<https://doi.org/10.70331/jpkmb.v1i2.18>
- American Diabetes Association. (2023). Standards of Care in Diabetes. *The Journal of Clinical and Applied Research and Education*, 46(1), 1–298.
<https://diabetesjournals.org/care>
- Barangkau, Yamar, Eka Hardianti Arafah, Ananda Putri Agustin, Eri Wardanengsih, & Ruslang. (2025). Diabetic Foot Exercises as Physical Activity Therapy to Prevent Chronic Complications of Type II Diabetes Mellitus. *Journal Of Nursing Practice*, 8(2), 312–321.
<https://doi.org/10.30994/jnp.v8i2.669>
- Badrujamaludin, A., Santoso, M. B., & Nastya, D. (2021). Hubungan aktivitas fisik dengan kejadian neuropati diabetik pada penderita diabetes mellitus tipe 2. *Holistik Jurnal Kesehatan*, 15(2), 176–186.

<https://doi.org/10.33024/hjk.v15i2.3624>

Basri, M., Baharuddin, K., Rahmatia, S., & Makassar, P. T. (2021). Pengaruh Senam Kaki Terhadap Nilai Respon Neuropati Pada Penderita Diabetes Melitus Tipe 2 Di Puskesmas Tamalanrea Makasar The Effect Of Foot Gymnastics On Neuropatic Response Value In Diabetes Mellitus Type. *Jurnal Ilmiah Kesehatan Diagnosis*, 16(1), 40–46.

Bintang, A. K., Aulina, S., dkk. (2024/2025). *Validitas Michigan Neuropathy Screening Instrument Versi Bahasa Indonesia dalam Mendeteksi Polineuropati Distal Simetris Diabetika*. Majalah Kedokteran Neurosains Perhimpunan Dokter Spesialis Saraf Indonesia.

BKPK. (2023). Survei Kesehatan Indonesia (SKI). In *Kemenkes*.

Bushman, B. (2018). Developing the P (for Progression) in a FITT-VP Exercise Prescription. *ACSM's Health & Fitness Journal*, 22(3), 6–9.
https://journals.lww.com/acsmhealthfitness/citation/2018/05000/developing_the_p_for_progression_in_a_fitt_vp.4.aspx

Dinkes Kota Padang. (2025). *Profil Kesehatan Kota Padang Tahun 2024*.
<https://dinkes.padang.go.id/profil-kesehatan-kota-padang-tahun-2024-edisi-tahun-2025>

Febriani, R. P., Prabowo, N. A., Putri, D. P., Setyawan, S., & Benedictus. (2023).

Panduan Diabetes Bagi Pasien dan Keluarga. In *Penerbit Tahta Media*.

<http://tahtamedia.co.id/index.php/issj/article/view/433>

Galiero, R., Caturano, A., Vetrano, E., Beccia, D., Brin, C., Alfano, M., Di Salvo, J.,

Epifani, R., Piacevole, A., Tagliaferri, G., Rocco, M., Iadicicco, I., Docimo, G.,

Rinaldi, L., Sardu, C., Salvatore, T., Marfella, R., & Sasso, F. C. (2023).

Peripheral Neuropathy in Diabetes Mellitus: Pathogenetic Mechanisms and Diagnostic Options. *International Journal of Molecular Sciences*, 24(4).

<https://doi.org/10.3390/ijms24043554>

Gracia-Sánchez, A., López-Pineda, A., Nouni-García, R., Zúnica-García, S.,

Chicharro-Luna, E., & Gil-Guillén, V. F. (2025). Impact of Exercise Training in

Patients with Diabetic Peripheral Neuropathy: An Umbrella Review. *Sports*

Medicine - Open, 11(1). <https://doi.org/10.1186/s40798-025-00863-4>

Hashemi-madani, N., Azadi, M., Khajavi, A., Emami, Z., & Khamseh, M. E. (2024).

Peripheral Arterial Disease is Associated with Sensorimotor Peripheral

Neuropathy in People with Type 2 Diabetes. *Medical Journal of the Islamic*

Republic of Iran (MJIRI), 2024(38), 143.

International Diabetes Federation. (2025). *IDF Diabetes Atlas* (11th ed.).

International Diabetes Federation. <https://diabetesatlas.org>

Jang, H. N., Oh, T. J., Jang, H. N., & Oh, T. J. (2023). Pharmacological and

Nonpharmacological Treatments for Painful Diabetic Peripheral Neuropathy

Pharmacological and Nonpharmacological Treatments for Painful Diabetic Peripheral Neuropathy. *Journal of Clinical Sleep Medicine*, 12(2), 263–266.

Jannah, A., Purwanto, B., Wungu, C. D. K., Mohd Amin, I. B., Rakhmawati, H. S. N., & Saputra, K. W. A. (2025). Aerobic exercise improves HbA1c levels and sensory outcomes in diabetic peripheral neuropathy: A systematic review and meta-analysis. *Acta Biomedica*, 96(2), 1–13.
<https://doi.org/10.23750/abm.v96i2.16893>

Kemenkes RI. (2020). *Tata Laksana Diabetes Melitus Tipe 2 Dewasa*.

Komite Etik Penelitian dan Pembangunan Kesehatan Nasional Kementerian Kesehatan RI. (2021). Pedoman dan Standar Penelitian dan Pengembangan Kesehatan Nasional. In *Komisi Etik Penelitian dan Pengembangan Kesehatan Nasional*.

Kurnia, A. (2023). *Senam Kaki DM upaya terapi nonfarmakologis pasien diabetes mellitus*. Perkumpulan Rumah Cemerlang Indonesia.

Kurniawan, S. N. (2014). *Buku Ajar Neuropati*. Danar Wijaya, Brawijaya University Press.

Mangemba, D., Abdullah, A., Ra'bung, A. S., & Admasari, Y. (2022). Pengaruh Senam Kaki Terhadap Penurunan Neuropatik Pada Pasien Diabetes Melitus Tipe II Di RSUD Labuang Baji Makassar. *Jurnal Berita Kesehatan*, 15(1), 34-38.

Maghfuroh, L. (2023). *Asuhan Lansia Makna, Identitas, Transisi, dan Manajemen Kesehatan*. https://www.google.co.id/books/edition/Asuhan_Lansia/LN-oEAAQBAJ?hl=id&gbpv=0

Mallick-Searle, T., & Adler, J. A. (2024). Update on Treating Painful Diabetic Peripheral Neuropathy: A Review of Current US Guidelines with a Focus on the Most Recently Approved Management Options. *Journal of Pain Research*, 17(February), 1005–1028. <https://doi.org/10.2147/JPR.S442595>

Mekala, K. C., & Bertoni, A. G. (2019). Epidemiology of diabetes mellitus. *Transplantation, Bioengineering, and Regeneration of the Endocrine Pancreas: Volume 1*, 1, 49–58. <https://doi.org/10.1016/B978-0-12-814833-4.00004-6>

Nguyen, V., Dinh, Q., Yu, F., Jia, S., & Wang, X. (2025). Interventional effects of exercise on neuropathy in patients with diabetes: a systematic review with meta-analysis. *BMC Sports Science, Medicine and Rehabilitation*, 17(1). <https://doi.org/10.1186/s13102-025-01136-z>

Nugraha, N. J., Humnah, H., & Triearti, C. (2024). Pendampingan Aktifitas Senam Kaki bagi Peserta Prolanis Diabetes Melitus di Wilayah Kerja Puskesmas Kujangsari Kota Bandung. *PengabdianMu: Jurnal Ilmiah Pengabdian Kepada Masyarakat*, 9(5), 839–843. <https://doi.org/10.33084/pengabdianmu.v9i5.5918>

PERKENI. (2021). *Pedoman Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia 2021*. Jakarta: PB PERKENI

- Qurotulnguyun, L., Rahmayani, F., & Sutarto, S. (2023). Pengaruh Senam Kaki Diabetik terhadap Neuropati pada Pasien Diabetes Melitus. *Medical Profession Journal of Lampung*, 13(1), 53–58. <https://doi.org/10.53089/medula.v13i1.455>
- Raja, J. M., Maturana, M. A., Kayali, S., Khouzam, A., & Efeovbokhan, N. (2023). Diabetic foot ulcer: A comprehensive review of pathophysiology and management modalities. *World Journal of Clinical Cases*, 11(8), 1684–1693. <https://doi.org/10.12998/wjcc.v11.i8.1684>
- Rajeev Goyal et al. (2023). *Diabetes Tipe 2*. <https://www.ncbi.nlm.nih.gov/books/NBK513253/>
- Rosares, V. E., & Boy, E. (2022). Pemeriksaan Kadar Gula Darah untuk Screening Hiperglikemia dan Hipoglikemia. *Jurnal Implementa Husada*, 3(2), 65–71. <https://doi.org/10.30596/jih.v3i2.11906>
- Rosyid, L. S., Hutama, F. H., & Fatimah, N. A. (2023). Pengaruh senam kaki terhadap status neuropati sensori ekstremitas bawah pada penderita diabetes melitus tipe 2 di Puskesmas Tanjunganom Kabupaten Nganjuk. *Jurnal Sabhanga*, 5(2), 125–135. <https://doi.org/10.53835/jssbn.v5i2.91>
- Sigal, R. J., Armstrong, M. J., Bacon, S. L., Boulé, N. G., Dasgupta, K., Kenny, G. P., & Riddell, M. C. (2018). Physical Activity and Diabetes. *Canadian Journal of Diabetes*, 42, S54–S63. <https://doi.org/10.1016/j.cjcd.2017.10.008>

Silalahi, L. E., Tobroni, H. H., & Astuti, N. L. S. (2024). Bookchapter Diabetes Melitus. In *PT Nuansa Fajar Cemerlang*. [https://doi.org/10.1016/s2352-345x\(14\)00025-3](https://doi.org/10.1016/s2352-345x(14)00025-3)

Sugiyono. (2023). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D* (Sutopo (ed.)). Alfabeta.

Tarigan, A. R., Nainggolan, E., Saragih, N. P., Laily, E. I., Basri, & Rinawati. (2025). Pengaruh senam kaki terhadap sensitivitas kaki pada penderita diabetes mellitus tipe II. *Jurnal Online Keperawatan Indonesia*, 7(2), 88–94. <https://doi.org/10.51544/keperawatan.v7i2.5463>

Tofure, I. R., Huwae, L. B. S., & Astuty, E. (2021). Karakteristik pasien penderita neuropati perifer diabetik di Poliklinik Saraf RSUD Dr. M. Haulussy Ambon tahun 2016–2019. *Molucca Medica*, 14(2), 97–104. <https://doi.org/10.30598/molmed.2021.v14.i2.97>

Ustadiyah, M., Widiyanti, E., & Setyarini, A. (2024). Implementasi Latihan Senam Kaki Diabetik Untuk Meningkatkan Sensitivitas Kaki Pasien Diabetes Melitus Tipe 2. *Jurnal Keperawatan Widya Gantari Indonesia*, 8(3), 244–255.

Yang, Y., Zhao, B., Wang, Y., Lan, H., Liu, X., Hu, Y., & Cao, P. (2025). Diabetic neuropathy: cutting-edge research and future directions. *Signal Transduction and Targeted Therapy*, 10(1). <https://doi.org/10.1038/s41392-025-02175-1>

Yu, Y. (2021). Gold Standard for Diagnosis of DPN. *Frontiers in Endocrinology*, 12(October), 1–6. <https://doi.org/10.3389/fendo.2021.719356>

