DAFTAR PUSTAKA

ADA. (2022). Standards of Medical Care in Diabetes—2022 Abridged for Primary Care Providers. *Clinical Diabetes*, *40*(1), 10–38. https://doi.org/10.2337/cd22-as01

ADA. (2026). *Standars of Care in Diabetes*.

ADA Standards of Care. (2025). 2. Diagnosis and Classification of Diabetes: Standards of Care in Diabetes—2025. *Diabetes Care*, *48*(January), S27–S49. https://doi.org/10.2337/dc25-S002

Addo, G., Yeboah, B. A., Obuobi, M., Doh-Nani, R., Mohammed, S., & Amakye, D. K. (2024). Prediction of Diabetes in middle-aged adults: A machine learning approach. *Journal of Diabetology*, *15*(4), 401–408. https://doi.org/10.4103/jod.jod_103_24

Amalia & Sjarqiah. (2023). Gambaran Karakteristik Hipertensi Pada Pasien Lansia di Rumah Sakit Islam Jakarta Sukapura Tahun 2020. *Muhammadiyah Journal of Geriatric*, *3*(2), 62. https://doi.org/10.24853/mujg.3.2.62-68

Ambartana, I. W., & Gumala, N. M. Y. (2016). *Olahraga Yoga Bagi Penderita Diabetes Melitus Ditulis*.

American Diabetes Association. (2022). Classification and Diagnosis of Diabetes: Standards of Medical Care in Diabetes 2022. *Diabetes Care*, *45*(Suppl), S17–S38.

Association American Diabetes. (2018). 11. Older adults: Standards of medical care in Diabetes. *Diabetes Care*, *41*(January), S119–S125. https://doi.org/10.2337/dc18-S011

Astuti, A. D., Basuki, H. O., & Sigit Priyanto. (2024). *Buku-ajar-keperawatan-gerontik. Jakarta: PT Nuansa Fajar Cemerlang*.

Atlas, I. D. F. D. (1955). International Diabetes Federation. In *The Lancet* (Vol. 266, Number 6881). https://doi.org/10.1016/S0140-6736(55)92135-8

Azizah. (2021). *Keperawatan lanjut usia*. Yogyakarta: Graha Ilmu.

Badan Pusat Statistik. (2025). *Profil Statistik Kesehatan 2025*. *8*, 155. https://deepublishstore.com/produk/buku-statistik-kesehatan/

Bailey, D. P., & Locke, C. D. (2015). Breaking up prolonged sitting with light-intensity walking improves postprandial glycemia, but breaking up sitting with standing does not. *Journal of Science and Medicine in Sport*, *18*(3), 294–298. https://doi.org/10.1016/j.jsams.2014.03.008

Barnes, D. (2012). *Program Olahraga Diabetes*. Cetakan pertama, Yogyakarta: PT Citra Aji Parama.

Basuki, H. O., Haryanto, J., & Kusumaningrum, T. (2018). The Effect of Elderly Cognitive Care on the Cognitive Function and Physical Activity of Elderly. *Indonesian Journal of Health Research*, *1*(2), 37–48. https://doi.org/10.32805/ijhr.2018.1.2.16

Bazi, T. (2020). Peer review: single-blind, double-blind, or all the way-blind? *International Urogynecology Journal*, *31*(3), 481–483. https://doi.org/10.1007/s00192-019-04187-2

Berawi, K. N., & Putra, I. W. A. (2021). Four Pillars of Management of Type 2 Diabetes Mellitus. *Majority*, *4*(9), 8–12.

Bhide, A., Shah, P. S., & Acharya, G. (2018). A simplified guide to randomized controlled trials. *Acta Obstetricia et Gynecologica Scandinavica*, *97*(4), 380–

387. https://doi.org/10.1111/aogs.13309
Chandra, Heri, Batubara, & Khairunnisa. (2024). Pelaksanaan Pola Aktivitas Fisik Ringan dan Sedang pada Pasien Diabetes Mellitus Tipe 2 di Rumah Sakit Tk II Putri Hijau Medan. *Malahayati Nursing Journal*, *3*(4), 643–655. 10.33024/mnj.v3i4.5033
Chandrasekaran, P., & Weiskirchen, R. (2024). The Role of Obesity in Type 2 Diabetes Mellitus—An Overview. *International Journal of Molecular Sciences*, *25*(3). https://doi.org/10.3390/ijms25031882
Chasanah, S. U., & Sugiman. (2022). Hubungan Aktifitas Fisik Dengan Derajat Hipertensi Pada Lansia Di Wilayah Kerja Puskesmas Berbah Sleman Yogyakarta the Relationship Between Physical Activity and the Degree of Hypertension in the Elderly At Berbah Puskesmas Sleman Yogyakarta. *An-Nadaa: Jurnal Kesehatan Masyarakat*, *9*(2), 119–124. https://ojs.uniska-bjm.ac.id/index.php/ANN/article/view/6683
Colberg, S. R., Sigal, R. J., Yardley, J. E., Riddell, M. C., Dunstan, D. W., Dempsey, P. C., Horton, E. S., Castorino, K., & Tate, D. F. (2016). Physical Activity/Exercise and Diabetes: A Position Statement of the American Diabetes Association. *Diabetes Care*, *39*(11), 2065. https://doi.org/10.2337/DC16-1728
Da'i, M. (2023). *Pembelajaran Atletik* (IKIP BJN Press, Ed.).
Dahlan, S. (2010). *Besar Sampel Dan Cara Pengambilan Sampel*.
Dahlan, S. (2013). *Besar sampel dan cara pengambilan sampel dalam penelitian kedokteran dan kesehatan* (Jakarta: S).
Decroli, E. (2019). *Diabetes Mellitus Tipe 2*. Pusat Penerbitan Bagian Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Andalas.
Dhali, B., Chatterjee, S., Das, S. S., & Cruz, M. D. (2023). Effect of Yoga and Walking on Glycemic Control for the Management of Type 2 Diabetes: A Systematic Review and Meta-analysis. *Journal of the ASEAN Federation of Endocrine Societies*, *38*(2), 113–122. https://doi.org/10.15605/jafes.038.02.20
Diabetes Tests and Diagnosis. (2022). *National Institute of Diabetes and Digestive and Kidney Diseases*. https://www.niddk.nih.gov/health-information/diabetes/overview/testsdiagnosis#who%0D
Dinas Kesehatan Kepulauan Riau. (2024a). *Laporan Kinerja Instansi Pemerintah 2024* (Vol. 2).
Dinas Kesehatan Kepulauan Riau. (2024b). *Profil Kesehatan Provinsi Kepulauan Riau* (Vol. 2).
Dinas Kesehatan Kota Batam. (2025). *Laporan Data Kasus Diabetes Melitus Kota Batam Tahun 2025*.
Dinkes. (2024). *Dinas Kesehatan Kota Batam*.
Dipiro. (2021). Diabetes Mellitus. In *Ferri's Clinical Advisor 2020* (Vol. 512, Number 58). https://www.msdmanuals.com/es-pe/hogar/trastornos-hormonales-y-metabólicos/diabetes-mellitus-y-otros-trastornos-del-metabolismo-de-la-glucosa-sanguínea/diabetes-mellitus
Dorland. (2010). *Kamus Kedokteran*. Jakarta: EGC.
Faizah, N. N., Sriwahyuni, & Muthmainna. (2023). Pengaruh Prenatal Yoga Terhadap Perubahan Kadar Gula Darah Sewaktu Pada Wanita Diabetes Mellitus Tipe 2. *Jurnal Ilmiah Mahasiswa & Penelitian Keperawatan*, *3*(4),

144–150.
Farahdipta, P., Suyanto, & Siti, K. (2023). Menurunkan hipertensi pada lansia menggunakan latihan brisk walking. *Tahta Media Group*, 28.
Farhadnejad, H., Abbasi, M., Ahmadirad, H., Omrani, M., Jahromi, M. K., Norouzzadeh, M., Saber, N., Teymoori, F., & Mirmiran, P. (2024). Insulinemic potential of diet and the risk of type 2 diabetes: a meta-analysis and systematic review. *Diabetology and Metabolic Syndrome* , *16*(1). https://doi.org/10.1186/s13098-024-01474-x
Farida, U., Sari Poespita D. W, K., & Putri Millania Paringsih, D. (2023). Hubungan Self-Management Pengobatan Terhadap Kadar Gula Darah Pada Pasien Rawat Jalan Diabetes Melitus Tipe 2 Di Puskesmas. *Journal Syifa Sciences and Clinical Research*, *5*(2), 327–337. https://doi.org/10.37311/jsscr.v5i2.20833
Febrinasari, R. P., Sholikah, T. A., Pakha, D. N. & Putra, S. E. (2020). *Buku Saku Diabetes Melitus Untuk Awam* (1 ed). Surakarta: Pencetakan UNS.
Fraenkel, J. R., Wallen, N. E., & Hyun, H. H. (2012). *How To Design And Evaluate Research In Education*.
Galicia-Garcia, U., Benito-Vicente, A., Jebari, S., Larrea-Sebal, A., Siddiqi, H., Uribe, K. B., Ostolaza, H., & Martín, C. (2020). Pathophysiology of Type 2 Diabetes Mellitus. Int J Mol Sci. 2020;21(17):6275. Published 2020 Aug 30. doi:10.3390/ijms21176275. *International Journal of Molecular Sciences*, *21*(17), 1–34.
Gowri, M. M., Rajendran, J., Srinivasan, A. R., Bhavanani, A. B., & Meena, R. (2022). Impact of an Integrated Yoga Therapy Protocol on Insulin Resistance and Glycemic Control in Patients with Type 2 Diabetes Mellitus. *Rambam Maimonides Medical Journal*, *13*(1), 1–11. https://doi.org/10.5041/RMMJ.10462
Guyton & Hall. (2021). *Textbook of Medical Physiology* (14th ed.). Elsevier. https://shop.elsevier.com/books/guyton-and-hall-textbook-of-medical-physiology/hall/978-0-323-59712-8
Habibi, N., Mohammad Marandi, S., Hemati Farsani, Z., Yazdani, B., Firozeh, M., & Noruozi, P. (2013). The influence of yoga- on risk profiles programs in women withdiabetes typeII. *Advances in Environmental Biology*, *7*(4), 550–555.
Haryono & Dwi. (2019). *Asuhan Keperawatan Pada Pasien Dengan Gangguan Endokrin*. Pustaka Baru Press.
Hati, Y., & Muchsin, R. (2022a). Pengaruh Brisk Walking Terhadap Kadar Glukosa Darah Sewaktu Pasien Diabetes Melitus Tipe II. *Poltekita : Jurnal Ilmu Kesehatan*, *16*(1), 74–79. https://doi.org/10.33860/jik.v16i1.898
Hati, Y., & Muchsin, R. (2022b). Pengaruh Brisk Walking Terhadap Kadar Glukosa Darah Sewaktu Pasien Diabetes Melitus Tipe II Effect of Brisk Walking on Blood Glucose Levels Patients with Type II Diabetes Mellitus. *Jurnal Ilmu Kesehatan*, *16*(1), 74–79.
Hayati, R., Cahya, N., & Manalu, T. A. (2023). Pengaruh Brisk Walking Exercise terhadap penurunan kadar gula darah pada pasien DM tipe 2. *Jurnal Penelitian Keperawatan Medik*, *3*(2), http://ejournal.delihusada.ac.id/index.php/JPKM/ar.
Hazarika, D., Khan, I., & Lahkar, M. (2025). Effects of Yoga and Walking on

Blood Glucose Levels and Quality of Life in Adults With Type 2 Diabetes Mellitus: A Pilot Study. *Cureus*, *17*(11). https://doi.org/10.7759/cureus.97023

Hermansyah, H., & Halalah, A. R. (2022). Efektifitas Brisk Walking Exercise Therapy Terhadap Penurunan Tekanan Darah Lansia Dengan Riwayat Hipertensi Di Wilayah Kecamatan Kadugede Tahun 2022. *Journal of Nursing Practice and Education*, *3*(01), 101–107. https://doi.org/10.34305/jnpe.v3i01.706

Herwanto, M. E., Lintong, F., & Rumampuk, J. F. (2021). Pengaruh aktivitas fisik terhadap kadar gula darah pada pria dewasa. *Jurnal E-Biomedik*, *4*(1), 0–5. https://doi.org/10.35790/ebm.4.1.2016.10859

Huda, N. (2015). *Aplikasi Asuhan Keperawatan Berdasarkan Diagnosa Medis dan Nanda Nic-Noc* (Revisi Jil). Media Action.

Ida Suryati. (2021). *Buku Keperawatan Latihan Efektif Untuk Pasien Diabetes Melitus*. 103. https://books.google.co.id/books?id=5BU3EAAAQBAJ&lpg=PP1&ots=ScEQ3rRYiY&dq=etiologi diabetes mellitus&lr&pg=PR4#v=onepage&q=etiologi diabetes mellitus&f=false

IDF. (2025). 11th Edition Diabetes Atlas. In *International Diabetes Federation: 11th editi*. https://www.idf.org/aboutdiabetes/type-2-diabetes.html

International Diabetes Federation. (2018). *IDF Diabetes Atlas* (8th editio). International Diabetes Federation. https://diabetesatlas.org

Ishwar Basavaraddi, & Elanchezhiyan Devarajan. (2023). *Yoga for Geriatric Population*.

Janssen, J. A. M. J. L. (2024). Overnutrition, Hyperinsulinemia and Ectopic Fat: It Is Time for A Paradigm Shift in the Management of Type 2 Diabetes. *International Journal of Molecular Sciences*, *25*(10). https://doi.org/10.3390/ijms25105488

Karstoft, K., Winding, K., Knudsen, S. H., Nielsen, J. S., Thomsen, C., Pedersen, B. K., & Solomon, T. P. J. (2013). The effects of free-living interval-walking training on glycemic control, body composition, and physical fitness in type 2 diabetic patients: A randomized, controlled trial. *Diabetes Care*, *36*(2), 228–236. https://doi.org/10.2337/dc12-0658

Kaur, N., Majumdar, V., Nagarathna, R., Malik, N., Anand, A., & Nagendra, H. R. (2021). Diabetic yoga protocol improves glycemic, anthropometric and lipid levels in high risk individuals for diabetes: a randomized controlled trial from Northern India. *Diabetology and Metabolic Syndrome*, *13*(1), 1–10. https://doi.org/10.1186/s13098-021-00761-1

Kemenkes RI. (2023). *Pedoman Pelaksanaan Pos Pembinaan Terpadu Penyakit Tidak Menular (Posbindu PTM)*. Kementerian Kesehatan RI.

Kementerian Kesehatan Republik Indonesia. (2015). *Peraturan Menteri Kesehatan Republik Indonesia Nomor 67 Tahun 2015 tentang Penyelenggaraan Pelayanan Kesehatan Lanjut Usia di Pusat Kesehatan Masyarakat* (Vol. 10, Number 2). Kementerian Kesehatan RI.

Kementerian Kesehatan RI. (2024). *Situasi Diabetes di Indonesia Tahun 2024*. https://www.kemkes.go.id

Kholifah. (2016). *Keperawatan Gerontik. Modul Bahan Ajar Cetak Keperawatan*. Depkes RI.

Kholis, A. H., Rochman, M. I., & Kurdi, F. (2025). *Jalan Cepat Untuk Gaya Hidup Aktif Dan Sehat Agar Faktor Risiko Penyakit Kronis Tidak Meningkat*. https://repository.nuansafajarcemerlang.com/publications/592678/jalan-cepat-untuk-gaya-hidup-aktif-dan-sehat-agar-faktor-risiko-penyakit-kronis

Kirwan, J. P., Sacks, J., & Nieuwoudt, S. (2017). The essential role of exercise in the management of type 2 diabetes. *Cleveland Clinic Journal of Medicine*, *84*(7), S15–S21. https://doi.org/10.3949/ccjm.84.s1.03

Kowalski. (2010). *Program 8 minggu Menurunkan Tekanan Darah Tinggi*. Qanita Miz. Bandung.

Kuman, M. J. M., & Baba, W. N. (2024). Penerapan Inovasi Brisk Walking Exercise Dalam Menurunkan Kadar Gula Darah Klien Diabetes Melitus. *Jurnal Promotif Preventif*, *7*(2), 329–334.

Kumar, S. (2016). The Complete Book of Yoga. In *Friends Publications*. Friends Publications. https://www.google.co.id/books/edition/The_Complete_Book_of_Yoga/VfvcEQAAQBAJ?hl=id&gbpv=1

Kurniadi, A. Y. (2020). *Karbohidrat, Protein dan Lipid* (Vol. 1). Agi Yusup Kurniadi.

Kurniawati, Y., Baridah, H. A., Kusumawati, M. D., & Wabula, I. (2020). Effectiveness of Physical Exercise on the Glycemic Control of Type 2 Diabetes Mellitus Patients: A Systematic Review. *Jurnal Ners*, *14*(3), 199–204. https://doi.org/10.20473/jn.v14i3.17059

Lakhdar, D., Diaf, M., & Boumediene, K. M. (2020). Effectiveness of brisk walking exercise on glycaemic control and cardio-vascular risk factors in patients with Type 2 Diabetes. *Journal of Drug Delivery and Therapeutics*, *10*(4-s), 53–62. https://doi.org/10.22270/jddt.v10i4-s.4265

Lestari, A. S., Anggreni, N. K. Y., Mustika, I. W., Gama, K., & Sudiantara, K. (2023). The Difference in Blood Glucose Levels with Brisk Walking Exercise in Diabetes Patients. *Internasional Conference on Multidisciplinary Approaches in Health Science*, *1*(2023), 3032–4408. https://ejournal.poltekkes-denpasar.ac.id/index.php/icmahs

Lu, X., Xie, Q., Pan, X., Zhang, R., Zhang, X., Peng, G., Zhang, Y., Shen, S., & Tong, N. (2024). Type 2 diabetes mellitus in adults: pathogenesis, prevention and therapy. *Signal Transduction and Targeted Therapy*, *9*(1), 1–25. https://doi.org/10.1038/s41392-024-01951-9

Lyengar, B. K. S. (2005). *The Illustrated Light On Yoga*. HerperCollins Publisher India.

Majid, M. F. (2023). The Effect of Brisk Walking Exercise on Changes in Rheumatoid Arthritis Factor in Older Women with Rheumatoid Arthritis Symptoms. *Sports Medicine Curiosity Journal*, *2*(1), 17–21. https://doi.org/10.15294/smcj.v2i1.66583

Manurung, N. (2018a). *Keperawatan Medikal Bedah* (1st ed.). Trans Info Media.

Manurung, N. (2018b). *Keperawatan Medikal Bedah Jilid 1*. Trans Info Media, Jakarta.

Muhith, A., & Siyoto, S. (2019). *Pendidikan Keperawatan Gerontik* (Ed. 1). Yogyakarta: Andi.

Mujahidullah, K. (2020). *Keperawatan Gerontik*. Yogyakarta: Pustaka Pelajar.

Mulia, S., Istiana, D., & Nur Sukma Purqoti, D. (2020). The Effect of Brisk Walking Exercise on Blood Pressure Reduction In Elderly. *Journal Center of Research Publication in Midwifery and Nursing*, *4*(1), 1–6.

Muna, N. D., & Hartati, E. (2024). *Hubungan Tingkat Nyeri Sendi Dengan Aktivitas Fisik Pada Lansia Gangguan Sendi*. *6*, 200–207.

Mustika, I. W., Sudiantara, K., Suardana, I. W., & Gama, K. (2024). Brisk walking exercise as an effort to reduce blood glucose levels in diabetes mellitus. *Journal Center of Excellent : Health Assistive Technology*, *2*(1), 57–65. https://doi.org/10.36082/jchat.v2i1.1564

Nadesul. (2011). *Menyayangi Otak Menjaga Kebugaran, Mencegah Penyakit Memilih Makanan*. Jakarta: Penerbit Buku Kompas.

Nasrullah, D. (2017). *Keperawatan Gerontik*.

Nathan, D. M., Balkau, B., Bonora, E., Borch-Johnsen, K., Buse, J. B., Colagiuri, S., Davidson, M. B., DeFronzo, R., Genuth, S., Holman, R. R., Ji, L., Kirkman, S., Knowler, W. C., Schatz, D., Shaw, J., Sobngwi, E., Steffes, M., Vaccaro, O., Wareham, N., … Kahn, R. (2009). International expert committee report on the role of the A1C assay in the diagnosis of diabetes. *Diabetes Care*, *32*(7), 1327–1334. https://doi.org/10.2337/dc09-9033

National Council on Aging (NCOA). (2024). *The top 10 most common chronic conditions in older adults*. https://www.ncoa.org/article/the-top-10-most-common-chronic-conditions-in-older-adults

Nesco Check, M. (2020). *Multi Check ®1 Test Strip Glukosa Darah Hanya untuk digunakan diagnostik in vitro*.

Notoatmodjo, S. (2010). *Metodologi Penelitian Kesehatan*. Rineka Cipta.

Nugroho, W. (2019). *Komunikasi Dalam Keperawatan Gerontik*. Jakarta: EGC.

Nurjana, M. A., & Veridiana, N. N. (2023). Hubungan Perilaku Konsumsi dan Aktivitas Fisik dengan Diabetes Mellitus di Indonesia. *Buletin Penelitian Kesehatan*, *47*(2), 97–106. https://doi.org/10.22435/bpk.v47i2.667

Peraturan Presiden Republik Indonesia. (2021). *Strategi Nasional Kelanjutusiaan , yang Kelanjutusiaan adalah pendekatan Pemangku Kepentingan adalah*.

PERKENI. (2015). *Pedoman Pengelolaan dan Pencegahan Diabetes Melitus di Indonesia*. Jakarta : PB PERKENI.

PERKENI. (2019). Pengelolaan Dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia. *PB Perkeni*, 133.

PERKENI. (2021). *Pedoman Pengelolaan dan pencegahan Diabetes Melitus Tipe 2*. Pt.Perkeni.

PERKENI. (2024a). Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia. *PBPengurus Besar Perkumpulan Endokrinologi Indonesia*, 133.

PERKENI. (2024b). Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia Tahun 2021. *Pengurus Besar Perkumpulan Endokrinologi Indonesia*.

Perkumpulan Endokrinologi Indonesia. (2021). Pedoman pengelolaan dan pencegahan diabetes melitus tipe 2 dewasa di Indonesia 2021. *Global Initiative for Asthma*, 46. www.ginasthma.org.

Piao, J. J., Wan, B., Zhao, H., Shang, Z., Yan, L., Hao, Z., Wang, Y., Zhang, Y., & Gu, Y. (2022). Effects of different brisk walking intensities on adherence and cardiorespiratory endurance of cardiac rehabilitation among patients with CHD after PCI: Protocol for a randomised controlled trial. *BMJ Open*, *12*(4),

1–7. https://doi.org/10.1136/bmjopen-2021-055437
Polit, D. F., & Beck, C. T. (2018). *Essentials of Nursing Research: Appraising Evidence for Nursing Practice* (Ninth). Philadelphia: Wolters Kluwer.
Potter & Perry. (2006). *Fundamental Keperawatan Buku* (Ed. 4). Jakarta: Salemba Medika.
Priskila. (2018). *Perkembangan spiritual lansia*. Jakarta: Pustaka Mandiri.
Puskesmas Sei Langkai. (2024). *Profil UPT Puskesmas Sei Langkai* (pp. 4–7).
Rajagopalan, R., Deodurg, P. M., & Srikanth. (2013). Overview of randomized controlled trials. *Asian Journal of Pharmaceutical and Clinical Research*, *6*(3), 32–38.
Ratna Sari, D., & Palupi, R. (2024). Pengaruh Latihan Fisik Brisk Walking Terhadap Tekanan Darah pada Penderita Hipertensi di Wilayah Kerja Puskesmas Punggur. *Health Research Journal of Indonesia*, *2*(3), 191–200. https://doi.org/10.63004/hrji.v2i3.323
Reddy, P. (2024). A Comparative Study to Assess the Effectiveness of Brisk Walking and Yoga Interventions on the Level of Hypertension, Cholesterol and Blood Glucose among Hypertensive Patients in Selected Areas of The City. *Current Journal of Applied Science and Technology*, *43*(7), 47–60. https://doi.org/10.9734/cjast/2024/v43i74405
Rizka, M., Ambardini, R. L., Virama, L. O. A., & Yudhistira, D. (2022). The Effect of Walking Exercise on Blood Pressure and Blood Glucose in the Elderly. *International Journal of Kinesiology and Sports Science*, *10*(1), 30–35. https://doi.org/10.7575/aiac.ijkss.v.10n.1p.30
Rochman, M. I., Kurdi, F., & Kholis, A. H. (2024). Effect of Brisk Walking Exercise on Blood Sugar Levels in Prolanis Members at Community Health Center. *Jurnal Kegawatdaruratan Medis Indonesia*, *3*(1), 104–122. https://doi.org/10.58545/jkmi.v3i1.235
Romli, L. Y. & B. (2020). *Lima Pilar Di Era Pandemi Langkah Antisipatif bagi Penderita Diabetes* (1 ed). Jombang: Icme Press Stikes Insan Cendekia Medika Jombang.
Sampath Kumar, A., Maiya, A. G., Shastry, B. A., Vaishali, K., Ravishankar, N., Hazari, A., Gundmi, S., & Jadhav, R. (2023). Exercise and insulin resistance in type 2 diabetes mellitus: A systematic review and meta-analysis. *Annals of Physical and Rehabilitation Medicine*, *62*(2), 98–103. https://doi.org/10.1016/j.rehab.2018.11.001
Sanaky, M. M. (2021). Analisis Faktor-Faktor Keterlambatan Pada Proyek Pembangunan Gedung Asrama Man 1 Tulehu Maluku Tengah. *Jurnal Simetrik*, *11*(1), 432–439. https://doi.org/10.31959/js.v11i1.615
Saputri, A., Sujianto, U., & Handayani, F. (2022). Peningkatan Kesehatan Bagi Pasien Diabetes Melitus Tipe 2 Melalui Latihan Yoga : Scoping Review Strategi Pencarian Seleksi studi Literatur dilakukan seleksi dengan. *Dunia Keperawatan: Jurnal Keperawatan Dan Kesehatan*, *10*(2), 231–240. https://doi.org/10.20527/dk.v10i2.34
Sari Maritta, & Puspita, N. (2022). Implementasi Brisk Walking Exercise Terhadap Penurunan Tekanan Darah dan Nyeri Kronis Pasien Hipertensi Implementation of Brisk Walking Exercise on Lowering Blood Pressure and Chronic Pain in Hypertension Patients. *Riset Media Keperawatan*, *5*(2), 84–88.

Sarida & Hamonangan. (2020). *Buku Gerontik. Buku Ajar Keperawatan Gerontik*.
Sastroasmoro, S. & Ismael, S. (2011). *Dasar-dasar metodologi penelitian klinis*. Jakarta: Sagung Seto.
Sherwood, L. (2011). *Fisiologi Manusia dari Sel ke Sistem*. Jakarta: EGC.
Shridhar, D. & Tyagi, P. (2022). Yoga as a health promotion lifestyle tool. *Journal of Patient Safety & Infection Control*. 10.1016/j.injms.2016.01.001
Singh, V., & Khandelwal, B. (2020). Effect of yoga and exercise on glycemic control and psychosocial parameters in type 2 diabetes mellitus: A randomized controlled study. *International Journal of Yoga*, *13*(2), 144. https://doi.org/10.4103/ijoy.ijoy_45_19
Sipayung, R. (2022). *The Effect of Family History, Physical Activity, and Overweight on Type 2 Diabetes Mellitus in Elderly Iin Padang Bulan Community Health Center, Medan*. (April), 89–89. https://doi.org/10.26911/mid.icph.2018.01.26
Sriwahyuni, S., Junaidin, J., Kasim, J., Hamundu, N., & Darmawan, S. (2021). Control Blood Sugar Levels by Brisk Walking Method. *Jurnal Ners Dan Kebidanan (Journal of Ners and Midwifery)*, *8*(3), 328–333. https://doi.org/10.26699/jnk.v8i3.art.p328-333
Subiyanto, paulus. (2019). *Asuhan Keperawatan Pada Pasien Dengan Gangguan Sistem Endokrin.* Pustaka Baru Press.
sugiyono. (2020). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D* (D. I. S. Sutopo., Ed.; KE 2). ALFABETA BANDUNG.
Sugiyono. (2020). *Sugiyono 2020.Pdf* (pp. xx, 444).
Sugiyono. (2022). *Metode Penelitian Kuntitatif, Kualitatif, R Dan D* (2): 338). Penerbit Alfabeta Bandung.
Sunaryo. (2021). *Asuhan Keperawatan Gerontik* (Ed. L). Yogyakarta: Cv. Andi Offset.
Suyono et al. (2015). *Penalataksanaan Diabetes Melitus Terpadu* (Balai Pene).
Tandara. (2014). *Konsep Fisiologi Glukosa dan Insulin*. Jakarta: Pustaka Kesehatan.
Tandra, H. (2024). *Segala Sesuatu Yang Harus Anda Ketahui Tentang Diabetes*. Gramedia Pustaka Utama.
Tarwoto. (2016). *Keperawatan Medikal Bedah Gangguan Sistem Endokrin*. CV. Trans Info Medika.
Thinda, H., Ryan Lantinib, B. L. B., Donahueb, M. L., Elena, Salmoirago-Blotcherb, C., Beth C. Bockb, d, e, A., & Scott-Sheldon, L. A. J. (2018). The effects of yoga among adults with type 2 diabetes: A systematic review and meta-analysis. *Proc SPIE Int Soc Opt Eng*, 116–126. https://doi.org/10.1016/j.ypmed.2017.08.017.The
Utami, D., & Setyarini, G. A. (2023). Faktor-Faktor yang Mempengaruhi Indeks Massa Tubuh Pada Remaja Usia 15-18 Tahun di SMAN 14 Tanggerang. *Jurnal Ilmu Kedokteran Dan Kesehatan*, *4*(3), 207–215.
van der Wal, J. S., Maraldo, T. M., Vercellone, A. C., & Gagné, D. A. (2022). Education, Progressive Muscle Relaxation Therapy, and Exercise for the Treatment of Night Eating Syndrome: A Pilot Study. *Appetite*, *89*, 136–144. 10.1016/j.appet.2015.01.024
Vitale, M., Costabile, G., Testa, R., D'Abbronzo, G., Nettore, I. C., Macchia, P. E., & Giacco, R. (2024). Ultra-Processed Foods and Human Health: A

Systematic Review and Meta-Analysis of Prospective Cohort Studies. *Advances in Nutrition*, *15*(1), 100121. https://doi.org/10.1016/j.advnut.2023.09.009

Wang, X., Patterson, B. W., Smith, G. I., Kampelman, J., Reeds, D. N., Sullivan, S. A., & Mittendorfer, B. (2013). A ∼60-min brisk walk increases insulin-stimulated glucose disposal but has no effect on hepatic and adipose tissue insulin sensitivity in older women. *Journal of Applied Physiology*, *114*(11), 1563–1568. https://doi.org/10.1152/japplphysiol.01364.2012

WHO. (2023). *Diabetes*. https://www.who.int/news-room/fact-sheets/detail/diabetes

Williams & Wilkins. (2006). *American college of sports medicine. Guidelines for exercise testing and prescription* (7th ed). USA.

Wirenviona at al. (2021). *Kesehatan Reproduksi dan Tumbuh Kembang Janin sampai Lansia pada Perempuan*. Airlangga University Press.

Wisnawa, A. D. F., Priandini, I. A., Savitri, P. A., Kesumaputri, K. D. K., Sugandhi, A., Primayanti, I. D. A. I. D., & Adiputra, L. M. I. S. H. (2021). Hubungan Tingkat Aktivitas Fisikidan Kebiasaan Olahraga Terhadap Kadar Gula Darah Pasien Diabetes Mellitus Tipei2 Di Paguyuban Diabetes Puskesmas Denpasar Barat I Dan Ii Denpasar, Bali. *E-Jurnal Medika Udayana*, *10*(4), 56. https://doi.org/10.24843/mu.2021.v10.i4.p09

World Health Organization. (2024). *Guidance on global monitoring for diabetes prevention and control*.

World Health Organization (WHO). (2015). *Ageing and Health*.

Wulandari, O. D. (2024). Perbedaan Sweedish Back Massage dan Brisk Walking Exercise Terhadap Penurunan Tekanan Darah Pada Penderita Hipertensi. *Physiotherapy Health Science (PhysioHS)*, *7*(1), 45–54. https://doi.org/10.22219/physiohs.v7i1.33413

Xu, M., Sun, X., Zhu, A., & Dong, E. (2021). Effects of a graded brisk walking test with different intensity levels on elderly patients with essential hypertension: A prospective study in Shanghai, China. *Psychosomatic Medicine Research*, *3*(3), 1. https://doi.org/10.53388/psmr2021-0920-053

Yalasviva, E. S. (2022). *Masalah Gizi pada Lansia dan Cara Mengatasinya. Kementerian Kesehatan Indonesia*. https://yankes.kemkes.go.id/view_artikel/1226/masala

Yasa, P. D. (2022). *Tatalaksana Diabetes Melitus Berbasis Evidence-Based Pratice*. Bandung: Media Sains Indonesia.

Yuan, S., Li, X., Liu, Q., Wang, Z., Jiang, X., Burgess, S., & Larsson, S. C. (2023). Physical Activity, Sedentary Behavior, and Type 2 Diabetes: Mendelian Randomization Analysis. *Journal of the Endocrine Society*, *7*(8), 1–8. https://doi.org/10.1210/jendso/bvad090

Yuzallia, R., Malini, H., Afrianti, E., & Keperawatan Medikal Bedah Fakultas Keperawatan Universitas Andalas, P. (2021). Efektivitas Waktu Pelaksanaan Yoga Pada Pasien Diabetes Mellitus Tipe 2 Di Puskesmas Lubuk Buaya Kota Padang the Time Effectiveness of Yoga Therapy in Diabetes Mellitus Type 2 At Public of Health Lubuk Buaya, Padang City. *Jurnal Kesehatan Medika Saintika Juni 2021 |Vol*, *12*(1).

Zainuddin, Abdullah, A. Z., Jafar, N., Suriah, Nursalam, Darmawansyah, Syahrul, S., Wahiduddin, Widiantoro, & Mallongi, A. (2023). Health Literacy Brisk

Walking Exercise on Clinical Outcomes of Blood Sugar in Patients with Type 2 Diabetes Mellitus in Indonesia. *Pharmacognosy Journal*, *15*(2), 433–438. https://doi.org/10.5530/pj.2023.15.68

Zhan, L., Wang, L., Liu, S., Wu, S., Zhou, C., Wang, Z., Shi, F., Qian, Y., Xiao, J., & Xu, S. (2026). The optimal exercise modality and dose for glycemic control in older adults with type 2 diabetes mellitus: a systematic review and network meta-analysis. *Frontiers in Endocrinology*, *17*(July), 1832624. https://doi.org/10.3389/fendo.2026.1832624

Zhu, X., Zhao, L., Chen, J., Lin, C., Lv, F., Hu, S., Cai, X., Zhang, L., & Ji, L. (2021). The Effect of Physical Activity on Glycemic Variability in Patients With Diabetes: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *Frontiers in Endocrinology*, *12*(November), 1–8. https://doi.org/10.3389/fendo.2021.767152

Zung, W. W. K. (1971). A Rating Instrument For Anxiety Disorders. *Psychosomatics*, *12*(6), 371–379. https://doi.org/10.1016/S0033-3182(71)71479-0