

DAFTAR PUSTAKA

- Adisti Yuliastrin *et al.* (2023) 'Pengembangan Instrumen Untuk Mengukur Keterampilan Kreatif Pada Materi Pencemaran Lingkungan', *Jurnal Ilmiah Pendidikan Citra Bakti*, 10(2), pp. 285–292. Available at: <https://doi.org/10.38048/jipcb.v10i2.1307>.
- Afrizal, A. (2018) 'Permasalahan Yang Dialami Lansia Dalam Menyesuaikan Diri Terhadap Penguasaan Tugas-Tugas Perkembangannya', *Islamic Counseling: Jurnal Bimbingan Konseling Islam*, 2(2), p. 91. Available at: <https://doi.org/10.29240/jbk.v2i2.462>.
- Albert, P.R. (2016) 'Why is depression more prevalent in women?', *Journal of Psychiatry and Neuroscience*, 40(4), pp. 219–221. Available at: <https://doi.org/10.1503/jpn.150205>.
- Alblooshi, S., Taylor, M. and Gill, N. (2023) 'Does menopause elevate the risk for developing depression and anxiety? Results from a systematic review', *Australasian Psychiatry*, 31(2), pp. 165–173. Available at: <https://doi.org/10.1177/10398562231165439>.
- Alkhatieb, M.T. *et al.* (2023) 'The Impact of Frequent Glucose Monitoring on the Prevalence of Complications Among Patients With Diabetes in Saudi Arabia', *Cureus* [Preprint], (June). Available at: <https://doi.org/10.7759/cureus.39796>.
- Amanat, S. *et al.* (2020) 'Exercise and Type 2 Diabetes', *Advances in Experimental Medicine and Biology*, 1228, pp. 91–105. Available at: https://doi.org/10.1007/978-981-15-1792-1_6.
- Amira, I. *et al.* (2023) 'Upaya Peningkatan Kesehatan Jiwa Lansia Melalui Deteksi Dini dan Edukasi', *Jurnal Kreativitas Pengabdian Kepada Masyarakat (PKM)*, 6(12), pp. 5532–5540. Available at: <https://doi.org/10.33024/jkpm.v6i12.12578>.
- An, Y. *et al.* (2023) 'The role of oxidative stress in diabetes mellitus-induced vascular endothelial dysfunction', *Cardiovascular Diabetology*, 22(1), pp. 1–17. Available at: <https://doi.org/10.1186/s12933-023-01965-7>.
- Anggraini, R., Nadatein, I. and Astuti, P. (2020) 'Relationship of HbA1c with Fasting Blood Glucose on Diagnostic Values and Lifestyle in Type II Diabetes Mellitus Patients', *Medicra (Journal of Medical Laboratory Science/Technology)*, 3(1), pp. 5–11. Available at: <https://doi.org/10.21070/medicra.v3i1.651>.
- Bădescu, S. V. *et al.* (2016) 'The association between Diabetes mellitus and Depression', *Journal of medicine and life*, 9(2), pp. 120–125.
- Bali Provincial Health Service (2023) 'Profil Kesehatan Provinsi Bali', *Bali Provincial Health Service*, pp. 1–367.
- Beverly, E.A. and Gonzalez, J.S. (2025) 'The Interconnected Complexity of Diabetes and Depression', *Diabetes Spectrum*, 38(1), pp. 23–31. Available

at: <https://doi.org/10.2337/dsi24-0014>.

Bone, J.K. *et al.* (2022) 'Engagement in leisure activities and depression in older adults in the United States: Longitudinal evidence from the Health and Retirement Study', *Social Science and Medicine*, 294(November 2021), p. 114703. Available at: <https://doi.org/10.1016/j.socscimed.2022.114703>.

BPS (2024a) *Jumlah Kasus Penyakit Menurut Jenis Penyakit (Kasus), 2021-2023*. Available at: <https://sumsel.bps.go.id/id/statistics-table/2/MzY4IzI=/jumlah-kasus-penyakit-menurut-jenis-penyakit.html>.

BPS (2024b) *Laju Pertumbuhan Penduduk (Persen), 2024*. Available at: <https://www.bps.go.id/id/statistics-table/2/MTk3NiMy/laju-pertumbuhan-penduduk.html>.

Care, D. and Suppl, S.S. (2024) '2. Diagnosis and Classification of Diabetes: Standards of Care in Diabetes—2024', *Diabetes Care*, 47(January), pp. S20–S42. Available at: <https://doi.org/10.2337/dc24-S002>.

Care, D. and Suppl, S.S. (2025) '6. Glycemic goals and hypoglycemia: Standards of care in diabetes—2025', *Diabetes Care*, 48(January), pp. S128–S145. Available at: <https://doi.org/10.2337/dc25-S006>.

CDC (2024a) *Diabetes and Mental Health*. Available at: [https://www.cdc.gov/diabetes/living-with/mental-health.html#:~:text=If you're stressed%2C you,your blood sugar go up.](https://www.cdc.gov/diabetes/living-with/mental-health.html#:~:text=If%20you%20re%20stressed%2C%20you,your%20blood%20sugar%20go%20up.)

CDC (2024b) *Diabetes and Women*. Available at: [https://www.cdc.gov/diabetes/risk-factors/diabetes-and-women-1.html#:~:text=Diabetes and menopause,vaginal dryness or nerve damage.](https://www.cdc.gov/diabetes/risk-factors/diabetes-and-women-1.html#:~:text=Diabetes%20and%20menopause,vaginal%20dryness%20or%20nerve%20damage.)

Chang, E. (2022) 'Note on Significant Symptoms of Diabetes', *Journal of Contemporary Medical Education*, 12(5), pp. 4–5.

Chawla, A., Chawla, R. and Jaggi, S. (2016) 'Microvascular and macrovascular complications in diabetes mellitus: Distinct or continuum?', *Indian Journal of Endocrinology and Metabolism*, 20(4), pp. 546–553. Available at: <https://doi.org/10.4103/2230-8210.183480>.

Cuadros, D.F. *et al.* (2021) 'Spatial epidemiology of diabetes: Methods and insights', *World Journal of Diabetes*, 12(7), pp. 1042–1056. Available at: <https://doi.org/10.4239/wjd.v12.i7.1042>.

Darmawan, E.S. *et al.* (2024) 'Behind the Hospital Ward: In-Hospital Mortality of Type 2 Diabetes Mellitus Patients in Indonesia (Analysis of National Health Insurance Claim Sample Data)', *International Journal of Environmental Research and Public Health*, 21(5). Available at: <https://doi.org/10.3390/ijerph21050581>.

Darwish, L. *et al.* (2018) 'Depression in people with type 2 diabetes: Current perspectives', *Diabetes, Metabolic Syndrome and Obesity*, 11, pp. 333–343. Available at: <https://doi.org/10.2147/DMSO.S106797>.

Delgado, M.R., Fareri, D.S. and Chang, L.J. (2023) 'Characterizing the

mechanisms of social connection', *Neuron*, 111(24), pp. 3911–3925. Available at: <https://doi.org/10.1016/j.neuron.2023.09.012>.

Devita, M. *et al.* (2022) 'Recognizing Depression in the Elderly: Practical Guidance and Challenges for Clinical Management', *Neuropsychiatric Disease and Treatment*, 18(December), pp. 2867–2880. Available at: <https://doi.org/10.2147/NDT.S347356>.

Dharmayanti, N.P.D., Darmini, A.A.A.Y. and Dharmapatni, N.W.K. (2024) 'Tingkat Pengetahuan Penderita Diabetes Melitus Tentang Pencegahan Ulkus Diabetik Melalui Penyuluhan', *Jurnal Abdimas ITEKES Bali*, 3(2), pp. 70–74. Available at: <https://doi.org/10.37294/jai.v3i2.511>.

Diabetes and Mental Health (2024) *Center for Disease Control and Prevention*. Available at: [https://www.cdc.gov/diabetes/living-with/mental-health.html#:~:text=People with diabetes are 2,often gets worse%2C not better](https://www.cdc.gov/diabetes/living-with/mental-health.html#:~:text=People with diabetes are 2,often gets worse%2C not better.). (Accessed: 22 March 2025).

Diabetes UK (2023) *Depression is a risk factor for type 2 diabetes, our research reveals*. Available at: <https://www.diabetes.org.uk/about-us/news-and-views/depression-risk-factor-type-2-diabetes-our-research-reveals> (Accessed: 22 March 2025).

Dinkes Buleleng (2023) *Profil Kesehatan 2023*.

DinKes Kabupaten Buleleng (2022) *10 Besar Penyakit Terbanyak Berdasarkan Jumlah Kunjungan Di Fasilitas Kesehatan Tingkat Pertama (Fktp) Kabupaten Buleleng*. Available at: <https://satudata.bulelengkab.go.id/data/detail?data=10-besar-penyakit-terbanyak-berdasarkan-jumlah-kunjungan-di-fasilitas-kesehatan-tingkat-pertama-fktp-kabupaten-buleleng&hari=&bulan=&tahun=>.

Dr.dr.Rusdi Maslim SpKJ, M.K. (2013) 'Diagnosis Gangguan Jiwa Rujukan Ringkas PPDGJ-III dan DSM-5'.

Dziurkowska, E. and Wesolowski, M. (2021) 'Cortisol as a biomarker of mental disorder severity', *Journal of Clinical Medicine*, 10(21). Available at: <https://doi.org/10.3390/jcm10215204>.

Emad, S. *et al.* (2025) 'Prevalence of depression among diabetic patients and its relationship to diabetes self-care activities, disease profile, and social factors in Khartoum State, Sudan: A cross-sectional study', *Medicine (United States)*, 104(19), p. e42350. Available at: <https://doi.org/10.1097/MD.00000000000042350>.

Fanelli, G. *et al.* (2025) 'The interface of depression and diabetes: treatment considerations', *Translational Psychiatry*, 15(1), pp. 1–15. Available at: <https://doi.org/10.1038/s41398-025-03234-5>.

Farmaki, P. *et al.* (2021) 'Complications of the Type 2 Diabetes Mellitus', *Current Cardiology Reviews*, 16(4), pp. 249–251. Available at: <https://doi.org/10.2174/1573403x1604201229115531>.

- Faselis, C. *et al.* (2019) 'Microvascular Complications of Type 2 Diabetes Mellitus', *Current Vascular Pharmacology*, 18(2), pp. 117–124. Available at: <https://doi.org/10.2174/1570161117666190502103733>.
- Fitri, A. *et al.* (2021) 'Hubungan Tingkat Stress Dengan Kadar Gula Darah Pada Polisi Yang Mengalami Gizi Lebih Di Polresta Sidenreng Rappang the Relationship Between the Stress Level With Blood Sugar Level of the Police That Overweight in Polresta Sidenreng Rappang', *JGMI: The Journal of Indonesian Community Nutrition*, 10(1), pp. 25–33. Available at: <https://journal.unhas.ac.id/index.php/mgmi/article/view/20353>.
- Fitriana, R. (2014) 'PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA NOMOR 79 TAHUN 2014 TENTANG PENYELENGGARAAN PELAYANAN GERIATRI DI RUMAH SAKIT', *Procedia Manufacturing*, 1(22 Jan), pp. 1–17.
- Fitriyadewi, L.P.W. and Suarya, L.M.K.S. (2016) 'Peran Interaksi Sosial Terhadap Kepuasan Hidup Lanjut Usia', *Jurnal Psikologi Udayana*, 3(2), pp. 332–341. Available at: <https://doi.org/10.24843/jpu.2016.v03.i02.p15>.
- Francelina Ivanty Sao Da, Yuliana Radja Riwu and Honey Ivon Ndoen (2023) 'Hubungan Perilaku dengan Kejadian Diabetes Melitus Tipe 2 di Puskesmas Kota Ende Tahun 2021', *SEHATMAS: Jurnal Ilmiah Kesehatan Masyarakat*, 2(2), pp. 352–360. Available at: <https://doi.org/10.55123/sehatmas.v2i2.1451>.
- Fung, A.C.H. *et al.* (2018) 'Depressive symptoms, co-morbidities, and glycemic control in Hong Kong Chinese elderly patients with type 2 diabetes mellitus', *Frontiers in Endocrinology*, 9(MAY), pp. 1–7. Available at: <https://doi.org/10.3389/fendo.2018.00261>.
- Galiccia-garcia, U. *et al.* (2020) 'Costus ignus: Insulin plant and it's preparations as remedial approach for diabetes mellitus', *International Journal of Molecular Sciences*, pp. 1–34.
- Grover, S. and Avasthi, A. (2018) 'Clinical practice guidelines for management of delirium in elderly', *Indian Journal of Psychiatry*, 60(7), pp. S329–S340. Available at: <https://doi.org/10.4103/0019-5545.224473>.
- Gunawan, I. and Huang, X.Y. (2022) 'Prevalence of depression and its related factors among older adults in Indonesian nursing homes', *Belitung Nursing Journal*, 8(3), pp. 222–228. Available at: <https://doi.org/10.33546/bnj.2075>.
- Hadiansyah, T. and Pragholapati, A. (2020) 'Elderly Depression Rates', *Journal of Nursing Care and Biomolecular*, 5(Vol 5, No 2 (2020)), pp. 165–169. Available at: <https://jnc.stikesmaharani.ac.id/index.php/JNC/article/view/172/183>.
- Hadrianti, D. *et al.* (2024) 'Geriatric Depression Scale (GDS) sebagai Pengkajian Status Psikologis pada Lansia', *Jurnal Kreativitas Pengabdian Kepada Masyarakat (PKM)*, 7(3), pp. 1236–1246. Available at: <https://doi.org/10.33024/jkpm.v7i3.13387>.

- Handajani, Y.S. *et al.* (2022) 'Depression among Older Adults in Indonesia: Prevalence, Role of Chronic Conditions and Other Associated Factors', *Clinical Practice & Epidemiology in Mental Health*, 18(1), pp. 1–10. Available at: <https://doi.org/10.2174/17450179-v18-e2207010>.
- Hans, F. (2024) 'Commentary Polyuria and diabetes: Understanding the connection and implications', 32(04), p. 2024. Available at: <https://doi.org/10.54931/AJDM-32.4.7.diabetes>.
- Hariyanto, P.K.Y. *et al.* (2020) 'Prevalensi dan gambaran karakteristik kejadian depresi pada pasien geriatri di Unit Pelayanan Terpadu (UPT) Kesehatan Masyarakat (Kesmas) Dawan I Klungkung, Bali, Indonesia', *Intisari Sains Medis*, 11(1), pp. 296–300. Available at: <https://doi.org/10.15562/ism.v11i1.557>.
- Harrison, R. (2022) 'Harrison'S Principles of Internal Medicine', *Peptic ulcer disease and related disorders*, p. 15164.
- Hashemi, R. *et al.* (2024) 'High prevalence of comorbidities in older adult patients with type 2 diabetes: a cross-sectional survey', *BMC Geriatrics*, 24(1). Available at: <https://doi.org/10.1186/s12877-024-05483-3>.
- Horenstein, R.B. and Shuldiner, A.R. (2023) 'Genetics of Diabetes', *Reviews in Endocrine and Metabolic Disorders*, 5(1), pp. 25–36. Available at: <https://doi.org/10.1023/B:REMD.0000016122.84105.75>.
- Hossain, M.J., Al-Mamun, M. and Islam, M.R. (2024) 'Diabetes mellitus, the fastest growing global public health concern: Early detection should be focused', *Health Science Reports*, 7(3), pp. 5–9. Available at: <https://doi.org/10.1002/hsr2.2004>.
- Huang, D. *et al.* (2017) 'Macrovascular Complications in Patients with Diabetes and Prediabetes', *BioMed Research International*, 2017. Available at: <https://doi.org/10.1155/2017/7839101>.
- Huang, H. *et al.* (2025) 'Prevalence and associated factors of depressive symptoms among older adult diabetic patients in China: a nationally representative cross-sectional study', *Frontiers in Psychology*, 16(June), pp. 1–11. Available at: <https://doi.org/10.3389/fpsyg.2025.1581603>.
- IDF (2025a) *Diabetes Facts and Figures*. Available at: <https://idf.org/about-diabetes/diabetes-facts-figures/>.
- IDF (2025b) *Diabetes Melitus in Indonesia*. Available at: <https://idf.org/our-network/regions-and-members/western-pacific/members/indonesia/>.
- IDF Diabetes Atlas IDF Diabetes Atlas* (2021). International Diabetes Federation.
- Idris, H. and Hasri, S.N. (2023) 'Factors Associated with the Symptom of Depression among Elderly in Indonesian Urban Areas', *Jurnal Psikologi*, 50(1), p. 45. Available at: <https://doi.org/10.22146/jpsi.72406>.
- Janssen, J.A.M.J.L. (2022) 'New Insights into the Role of Insulin and Hypothalamic-Pituitary-Adrenal (HPA) Axis in the Metabolic Syndrome',

International Journal of Molecular Sciences, 23(15). Available at: <https://doi.org/10.3390/ijms23158178>.

Jesulola, E., Micalos, P. and Baguley, I.J. (2018) 'Understanding the pathophysiology of depression: From monoamines to the neurogenesis hypothesis model - are we there yet?', *Behavioural Brain Research*, 341, pp. 79–90. Available at: <https://doi.org/10.1016/j.bbr.2017.12.025>.

Kant, R. *et al.* (2021) 'Prevalence and predictors of depression in type 2 diabetes mellitus', *Journal of Education and Health Promotion*, 10.

Kaplan, H.I. and Sadock, B.J. (2022) *Synopsis of Psychiatry 12th Edition, International Clinical Psychopharmacology*.

Kathleen Wyne, MD, P. (2025) *The link between menopause and diabetes, OHIO State Health & Discovery*. Available at: <https://health.osu.edu/wellness/exercise-and-nutrition/link-between-menopause-and-diabetes>.

Kaunang, V.D., Buanasari, A. and Kallo, V. (2019) 'Gambaran Tingkat Stres Pada Lansia', *Jurnal Keperawatan*, 7(2). Available at: <https://doi.org/10.35790/jkp.v7i2.24475>.

Kemenkes (2016) *Permenkes Nomor 25 Tahun 2016*.

'Kemenkes Beberkan Masalah Permasalahan Kesehatan Jiwa di Indonesia' (2021) *Kementerian Kesehatan* [Preprint]. Available at: <https://sehatnegeriku.kemkes.go.id/baca/rilis-media/20211007/1338675/kemenkes-beberkan-masalah-permasalahan-kesehatan-jiwa-di-indonesia/>.

Kouba, B.R. *et al.* (2024) 'Role of Inflammatory Mechanisms in Major Depressive Disorder: From Etiology to Potential Pharmacological Targets', *Cells*, 13(5), pp. 1–34. Available at: <https://doi.org/10.3390/cells13050423>.

Krishnamoorthy, Y., Rajaa, S. and Rehman, T. (2020) *Diagnostic accuracy of various forms of geriatric depression scale for screening of depression among older adults: Systematic review and meta-analysis*, *Archives of Gerontology and Geriatrics*. Elsevier Ireland Ltd. Available at: <https://doi.org/10.1016/j.archger.2019.104002>.

Kurdi, F. *et al.* (2021) 'Angka Kejadian Diabetes Mellitus Pada Lansia Middle Age Di Masa Pandemi Covid-19', *Jurnal Ilmiah Keperawatan (Scientific Journal of Nursing)*, 7(2), pp. 282–288. Available at: <https://doi.org/10.33023/jikep.v7i2.834>.

Lifestyle, S. *et al.* (2024) 'Gambaran Kadar Tes Toleransi Glukosa Oral (TTGO) Pada Wanita Dengan Sedentary Lifestyle (Studi di Dusun Kapas , Dukuhklopo , Peterongan , Jombang) Description of Oral Glucose Tolerance Test (OGTT) Levels in Women with', 5(September), pp. 131–136.

Lin, P., & D. W. K. (2020). The role of depression in medication adherence among

older adults: A systematic review and meta-analysis. *International Journal of Geriatric Psychiatry*, 35(1), 3–14.

- Liu, H.C. *et al.* (2025) 'Effect of Positive Mental Health on Elderly Patients with Chronic Diseases: The Chain-Mediated Effects of Gratitude and Forgiveness Tendencies at a Tertiary Hospital in Guangzhou', *Healthcare (Switzerland)*, 13(5). Available at: <https://doi.org/10.3390/healthcare13050444>.
- Liu, W. *et al.* (2022) 'Association between fasting blood glucose and thyroid stimulating hormones and suicidal tendency and disease severity in patients with major depressive disorder', *Bosnian Journal of Basic Medical Sciences*, 22(4), pp. 635–642. Available at: <https://doi.org/10.17305/bjbms.2021.6754>.
- Liu, Y. *et al.* (2024) 'Bidirectional relationship between diabetes mellitus and depression: Mechanisms and epidemiology', *World Journal of Psychiatry*, 14(10). Available at: <https://doi.org/https://dx.doi.org/10.5498/wjp.v14.i10.1429>.
- Ma, Y. *et al.* (2021) 'Relationship between chronic diseases and depression: the mediating effect of pain', *BMC Psychiatry*, 21(1), pp. 1–11. Available at: <https://doi.org/10.1186/s12888-021-03428-3>.
- Mampa, M., Wowor, R. and Rattu, A.J.. (2022) 'Analisis Penerapan Pelayanan Kesehatan Lanjut Usia di Puskesmas Pineleng pada Masa Pandemi Covid-19', *Jurnal Kesmas*, 11(4), pp. 7–13.
- Manungkalit, M. and Sari, N.P.W.P. (2020) 'The Influence of Anxiety and Stress toward Depression in Institutionalized Elderly', *Journal of Educational, Health and Community Psychology*, 9(1), pp. 65–76. Available at: <https://doi.org/10.12928/jehcp.v9i1.13917>.
- Mardiana, K. and Sugiharto (2022) 'Gambaran Fungsi Kognitif Berdasarkan Karakteristik Lansia Yang Tinggal Di Komunitas', *Jurnal Ilmiah Keperawatan (Scientific Journal of Nursing)*, 8(4), pp. 577–584. Available at: <https://doi.org/10.33023/jikep.v8i4.1283>.
- Masliyah, I., Hisni, D. and Sukamti, N. (2023) 'Education effects on the medication adherence level in type 2 dm patients', *Science Midwifery*, 10(6), pp. 4542–4550. Available at: <https://www.midwifery.iocspublisher.org/index.php/midwifery/article/view/1139%0Ahttps://www.midwifery.iocspublisher.org/index.php/midwifery/article/download/1139/940>.
- McGee, R.E. and Thompson, N.J. (2015) 'Unemployment and depression among emerging adults in 12 states, behavioral risk factor surveillance system, 2010', *Preventing Chronic Disease*, 12(3), pp. 1–11. Available at: <https://doi.org/10.5888/pcd12.140451>.
- Merangin (2022) 'Gambaran Self Care Management Pada Pasien Diabetes mellitus Tipe II di UPTD Puskesmas IV Dinas Kesehatan Kecamatan Denpasar

Selatan Tahun 2023', *Galang Tanjung*, (2504), pp. 1–9.

Meryska, R. *et al.* (2024) 'Gambaran Umum Fungsi Kognitif Pada Lansia Di Desa Banaran Gunung Kidul Overview Of Cognitive Function In The Elderly In Banaran Gunung Kidul Village', 2(September), pp. 779–785.

Milić, J. *et al.* (2024) 'Levels of depression, anxiety and subjective happiness among health sciences students in Croatia: a multi-centric cross-sectional study', *BMC Psychiatry*, 24(1), pp. 1–11. Available at: <https://doi.org/10.1186/s12888-024-05498-5>.

Mordarska, K. and Godziejewska-Zawada, M. (2017) 'Diabetes in the elderly', *Przegląd Menopauzalny*, 16(2), pp. 38–43. Available at: <https://doi.org/10.5114/pm.2017.68589>.

Muna, F. and Rukminiati, Y. (2023) 'Pentingnya Pengendalian Peredaran Minuman Berpemanis dalam Kemasan terhadap Meningkatnya Kasus Diabetes Mellitus (DM) di Masa Mendatang', *Journal Of Public Policy and Applied Administration*, 5(2), p. 2023.

Nareswari, P.J. (2021) 'Depresi Pada Lansia : Faktor Resiko, Diagnosis Dan Tatalaksana', *Jurnal Medika Utama*, 02(02), pp. 1–58.

Nasution, Y.A., Lubis, Z. and Siregar, F.A. (2021) 'Risk Factors of Type 2 Diabetes Mellitus in Elderly', 06, pp. 234–244. Available at: <https://doi.org/10.26911/theicph.2017.042>.

Negida, A. (2020) 'Sample Size Calculation Guide - Part 7: How to Calculate the Sample Size Based on a Correlation', *Advanced journal of emergency medicine*, 4(2), p. e34. Available at: <https://doi.org/10.22114/ajem.v0i0.344>.

Noviana, F. and Dhian (2019) 'The Effect of Depression, Anxiety, and Stress on Blood Sugar in the Elderly Based on the Aspect of Islamic Psychology', 339(Aicosh), pp. 289–293. Available at: <https://doi.org/10.2991/aicosh-19.2019.65>.

Nurratri, A.D. and Pardilawati, C. (2023) 'Identifikasi Pengobatan Yang Tidak Tepat (Innapropriate Medication) pada Pasien Geriatri Berdasarkan American Geriatric Society (AGS) Beers Criteria 2023', *Journal Medula*, 13(6), pp. 1033–1038.

Nuryadi *et al.* (2017) *Buku Ajar Dasar-dasar Statistik Penelitian*, Sibuku Media.

Oktaviana, E. *et al.* (2022) 'Analysis of the Relationship of Blood Glucose Levels with Total Cholesterol and Age of Diabetes Mellitus Patients', *Original Research International Journal of Nursing and Health Services (IJNHS)*, 5(2), pp. 195–202. Available at: <https://doi.org/10.35654/ijnhs.v5i2.572>.

Padhi, S., Nayak, A.K. and Behera, A. (2020) 'Type II diabetes mellitus: a review on recent drug based therapeutics', *Biomedicine and Pharmacotherapy*, 131, p. 110708. Available at: <https://doi.org/10.1016/j.biopha.2020.110708>.

Paiva, C.T., Soares, L. and Faria, A.L. (2023) 'Depression in elderly people',

Encyclopedia, 366(9485), pp. 677–686. Available at: [https://doi.org/10.1016/S0140-6736\(05\)67091-2](https://doi.org/10.1016/S0140-6736(05)67091-2).

- Parsons, M. *et al.* (2024) ‘Depression prevalence of the Geriatric Depression Scale-15 was compared to Structured Clinical Interview for DSM using individual participant data meta-analysis’, *Scientific Reports*, 14(1), pp. 1–10. Available at: <https://doi.org/10.1038/s41598-024-68496-3>.
- Phoebe, E.D., Mahendra, A.I. and Sidqoh, A.B. (2022) ‘Hubungan Diabetes Melitus dengan Kejadian Depresi pada Lansia di Poli Geriatri’, *Jurnal Penelitian Perawat Profesional*, 4(4), pp. 1339–1348.
- Pitoy, F.F. *et al.* (2024) ‘PERILAKU MEROKOK DAN KADAR GULA DARAH PENDERITA DIABETES MELITUS Gangguan metabolisme yang ditandai darah (KGD) disebut diabetes mellitus (DM) dalam jangka waktu yang panjang sehingga dapat memicu adanya komplikasi yang International Diabetes Federati’, *Nutrix Journal*, 8(2), pp. 171–178.
- Pourhabibi, N. *et al.* (2022) ‘Factors affecting nonadherence to treatment among type 2 diabetic patients with limited health literacy: Perspectives of patients, their families, and healthcare providers’, *Journal of Education and health promotion*, 11, pp. 1–13. Available at: <https://doi.org/10.4103/jehp.jehp>.
- Puspita, S.F. (2024) ‘Prevalence of depression among diabetes mellitus patients at primary health centers in Sleman’, 20(December), pp. 194–206.
- Rachmawati, F. *et al.* (2023) ‘Analisis Faktor Penyebab Depresi pada Lansia: Riwayat Penyakit, Interaksi Sosial dan Dukungan Keluarga’, *Jurnal Keperawatan Indonesia Florence Nightingale*, 3(2), pp. 8–16. Available at: <https://doi.org/10.34011/jkifn.v3i2.1782>.
- Ramadanty, D.D. *et al.* (2022) ‘Epidemiologi Kasus Diabetes Melitus Tipe 2 di Puskesmas Gamping I Yogyakarta’, *Miracle Journal of Public Health*, 5(1), pp. 45–51. Available at: <https://doi.org/10.36566/mjph/Vol5.Iss1/271>.
- Resti, H.Y. and Cahyati, W.H. (2022) ‘Kejadian Diabetes Melitus Pada Usia Produktif Di Puskesmas Kecamatan Pasar Rebo’, *Higeia Journal Of Public Health Research And Development*, 6(3), pp. 350–361. Available at: <http://journal.unnes.ac.id/sju/index.php/higeia>.
- Ricco Habil and Berlianti, B. (2023) ‘Kehidupan Ekonomi, Sosial, dan Kesehatan Lansia dalam Pengasuhan Keluarga di Lingkungan IV Galang Kota’, *SOSMANIORA: Jurnal Ilmu Sosial dan Humaniora*, 2(1), pp. 108–121. Available at: <https://doi.org/10.55123/sosmaniora.v2i1.1764>.
- Ridwanto, M., Indarto, D. and Hanim, D. (2020) ‘Factors Affecting Fasting Blood Glucose in Patients with Type 2 Diabetes Mellitus’, *International Journal of Nutrition Sciences*, 5(1), pp. 13–18. Available at: <https://doi.org/10.30476/IJNS.2020.84492.1048>.
- Rizka, A. *et al.* (2022) ‘Prevalensi Sindrom Geriatri pada Pasien Kanker Berusia Lanjut Pra Kemoterapi’, *Jurnal Penyakit Dalam Indonesia*, 9(3), p. 142. Available at: <https://doi.org/10.7454/jpdi.v9i3.854>.

- Rizki, U.S. *et al.* (2023) 'Pengaruh Kadar Gula Darah terhadap Hipertensi di RSUD Rantauprapat', *Jurnal Epidemiologi Kesehatan Komunitas*, 8(2), pp. 192–200. Available at: <https://doi.org/10.14710/jekk.v8i2.19899>.
- Rodrigues Oliveira, S.M. *et al.* (2023) 'Type 1 Diabetes Mellitus: A Review on Advances and Challenges in Creating Insulin Producing Devices', *Micromachines*, 14(1). Available at: <https://doi.org/10.3390/mi14010151>.
- Rudi, A. and Kruweh, H.N. (2019) 'Faktor Risiko yang Mempengaruhi Kadar Gula Darah Puasa Pada Pengguna Layanan Laboratorium', *Wawasan Kesehatan*, 3(2), pp. 33–39.
- Ruze, R. *et al.* (2023) 'Obesity and type 2 diabetes mellitus: connections in epidemiology, pathogenesis, and treatments', *Frontiers in Endocrinology*, 14(April), pp. 1–23. Available at: <https://doi.org/10.3389/fendo.2023.1161521>.
- Santika, E.F. (2024) 'Diabetes Tipe 2 Paling Banyak Diderita Orang Indonesia pada 2023', (2023), pp. 15–16. Available at: <https://databoks.katadata.co.id/datapublish/2024/07/26/diabetes-tipe-2-paling-banyak-diderita-orang-indonesia-pada-2023>.
- Sari, N.R. *et al.* (2024) *Statistik Penduduk Lanjut Usia 2024*. Edited by Y. Rachmawati, R. Sinang, and B. Santoso. Badan Pusat Statistik.
- Sasfi, S.M., Untari, E.K. and Rizkifani, S. (2022) 'Evaluation of Prescriptions Pattern in Geriatric Patients at Dr. Soedarso Regional Public Hospital Pontianak Based on Beers Criteria', *Indonesian Journal of Clinical Pharmacy*, 11(2), pp. 95–104. Available at: <https://doi.org/10.15416/ijcp.2022.11.2.95>.
- Soelistijo, S. (2021) 'Pedoman Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia 2021', *Global Initiative for Asthma*, p. 46. Available at: www.ginasthma.org.
- Solikhah and Amyati (2022) *BIOSTATISTIK: Sebuah Aplikasi SPSS dalam Bidang Kesehatan dan Kedokteran*.
- Subhaktiyasa, P.G. (2024) 'Menentukan Populasi dan Sampel: Pendekatan Metodologi Penelitian Kuantitatif dan Kualitatif', *Jurnal Ilmiah Provesi Pendidikan*, 9, pp. 2721–2731. Available at: <https://doi.org/https://doi.org/10.29303/jipp.v9i4.2657>.
- Sulistiyowati, W. (2017) 'Buku Ajar Statistika Dasar', *Buku Ajar Statistika Dasar*, 14(1), pp. 15–31. Available at: <https://doi.org/10.21070/2017/978-979-3401-73-7>.
- Suma P. Chand, H.A. (2023) 'Depression', *National Center for Biotechnology Information* [Preprint]. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK430847/>.
- Suraseranivong, R. (2022) 'Physiologic changes in the elderly.', *Greater Mekong Subregion Medical Journal*, 2(2), pp. 129–140. Available at:

[https://doi.org/10.1016/s0011-8532\(22\)00038-6](https://doi.org/10.1016/s0011-8532(22)00038-6).

Suriastini, N.W. *et al.* (2021) *Depresi pada lansia di Bali, Survey Measurement Training Research*. Available at: <https://surveymeter.org/id/post/depresi-pada-lansia-di-bali> (Accessed: 19 March 2025).

Suryanti, S. (2021) 'Hubungan Gaya Hidup dan Pola Makan Dengan Kejadian Diabetes Mellitus di Rumah Sakit Bhayangkara Kota Makassar', *Jurnal Promotif Preventif*, 4(1), pp. 1–9. Available at: <https://doi.org/10.47650/jpp.v4i1.246>.

Suryasa, I.W., Rodríguez-Gámez, M. and Koldoris, T. (2021) 'Health and Treatment of Diabetes Mellitus', *International Journal of Health Sciences*, 5(1), pp. I–V. Available at: <https://doi.org/10.53730/IJHS.V5N1.2864>.

Syahir, S.H. (2021) *Buku ini di tulis oleh Dosen Universitas Medan Area Hak Cipta di Lindungi oleh Undang-Undang Telah di Deposit ke Repository UMA pada tanggal 27 Januari 2022*.

Syuib, C. *et al.* (2020) 'Instrumen Untuk Mengukur Depresi pada Lansia', *Jurnal INJ*, 1(1), pp. 1–11.

Tania, E. (2024) 'Depresi pada Pasien Diabetes Melitus Tipe 2 Depression in Type 2 Diabetes Mellitus Patient', 3(2), pp. 241–253.

Tiwari, D. (2022) 'Polyphagia can be a side effect of diabetes', *African Journal of Diabetes Medicine*, 30(5), pp. 1–1.

Tolentino, J.C. and Schmidt, S.L. (2018) 'DSM-5 criteria and depression severity: Implications for clinical practice', *Frontiers in Psychiatry*, 9(OCT), pp. 1–9. Available at: <https://doi.org/10.3389/fpsy.2018.00450>.

Tonge, B.J., Brereton, A. V. and Bertelli, M.O. (2022) *Somatic Symptom and Related Disorders, Textbook of Psychiatry for Intellectual Disability and Autism Spectrum Disorder*. Available at: https://doi.org/10.1007/978-3-319-95720-3_23.

Ummah, M.S. (2023) 'Statistik Penduduk Lanjut Usia Tahun 2023', *Badan Pusat Statistik*, 11(1), pp. 1–14. Available at: http://sciotea.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regsciurbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM_PEMBETUNGAN_TERPUSAT_STRATEGI_MELESTA_RI.

UNICEF (2022) *What Is Depression?* Available at: <https://www.unicef.org/indonesia/mental-health/article/depression>.

Utami, N. (2019) 'Validitas dan Reliabilitas Geriatric Depression Scale-15 Versi Bahasa Indonesia', *Repository Institusi Universitas Sumatera Utara* [Preprint]. Available at: <http://repositori.usu.ac.id/handle/123456789/24058>.

Vina, F., Wilson, W. and Ilmiawan, M.I. (2021) 'Hubungan Tingkat Depresi

terhadap Kadar Glukosa Darah Puasa pada Penderita Diabetes Melitus Tipe 2 di Poli Penyakit Dalam RSUD Sultan Syarif Mohamad Alkadrie Kota Pontianak', *Jurnal Kedokteran dan Kesehatan*, 17(1), p. 1. Available at: <https://doi.org/10.24853/jkk.17.1.1-8>.

Wahyuning, S. (2021) *Statistik Dasar-Dasar*.

Wang, X. and Cheng, Z. (2020) 'Cross-Sectional Studies: Strengths, Weaknesses, and Recommendations', *Chest*, 158(1), pp. S65–S71. Available at: <https://doi.org/10.1016/j.chest.2020.03.012>.

Wanjau, M.N. *et al.* (2023) 'Physical Activity and Depression and Anxiety Disorders: A Systematic Review of Reviews and Assessment of Causality', *AJPM Focus*, 2(2). Available at: <https://doi.org/10.1016/j.focus.2023.100074>.

Watson, K.T. *et al.* (2021) 'Incident Major Depressive Disorder Predicted by Three Measures of Insulin Resistance: A Dutch Cohort Study', *American Journal of Psychiatry*, 178(10), pp. 914–920. Available at: <https://doi.org/10.1176/appi.ajp.2021.20101479>.

WHO (2016) 'Diabetes', *Info Datin*, 161(5), pp. 1058–1063. Available at: <http://p2ptm.kemkes.go.id/uploads/2016/11/Diabetes-Fakta-dan-Angka.pdf>.

WHO (2023) *Mental health of older adults*. Available at: <https://www.who.int/news-room/fact-sheets/detail/mental-health-of-older-adults>.

WHO (2025a) *Ageing: Global population*. Available at: <https://www.who.int/news-room/questions-and-answers/item/population-ageing> (Accessed: 18 April 2025).

WHO (2025b) *Mean fasting blood glucose*. Available at: <https://www.who.int/data/gho/indicator-metadata-registry/imr-details/2380>.

Widaryanti, B. and Jazari, A.S. (2024) 'Profil Lipid Pasien Diabetes Mellitus Kelompok Prolanis Di Laboratorium Klinik Citra Lab Wonosari', 9, pp. 1–6.

Wong, H. *et al.* (2019) 'The Effects of Mental Stress on Non-insulin-dependent Diabetes: Determining the Relationship Between Catecholamine and Adrenergic Signals from Stress, Anxiety, and Depression on the Physiological Changes in the Pancreatic Hormone Secretion', *Cureus*, pp. 1–8. Available at: <https://doi.org/10.7759/cureus.5474>.

World Health Organization (2023) *Depression*, World Health Organization. Available at: <https://www.who.int/health-topics/depression#tab=> (Accessed: 22 March 2025).

Yan, Z. *et al.* (2023) 'The Interaction Between Age and Risk Factors for Diabetes and Prediabetes: A Community-Based Cross-Sectional Study', *Diabetes*,

Metabolic Syndrome and Obesity, 16(January), pp. 85–93. Available at: <https://doi.org/10.2147/DMSO.S390857>.

Yang, G. *et al.* (2025) ‘How environmental perception influence depression and anxiety: the mediating role of social interaction’, *BMC Public Health*, 25(1). Available at: <https://doi.org/10.1186/s12889-025-21627-5>.

Yolanda *et al.* (2021) ‘Klasifikasi Diagnosis Penyakit Diabetes Gestasional pada Ibu Hamil menggunakan Algoritme Neighbor Weighted K-Nearest Neighbor (NWKNN)’, *jurnal pengembangan teknologi informasi dan Ilmu Komputer*, 5(4), pp. 1310–1321.

Yusuf, B., Nafisah, S. and Inayah, N.N. (2023) ‘Literatur Review : Gula Darah Puasa Pada Penyakit Diabetes Melitus’, *Jurnal Farmasi Medica/Pharmacy Medical Journal (PMJ)*, 6(1), pp. 28–33. Available at: <https://doi.org/10.35799/pmj.v6i1.47617>.

Yuvita, L. and Santoso, B.R. (2023) ‘Ansietas berhubungan dengan depresi pada lansia yang ditinggal pasangan hidup’, *Jurnal Keperawatan*, 15(3), pp. 987–974. Available at: <http://journal.stikeskendal.ac.id/index.php/Keperawatan>.

Zahra, Z. *et al.* (2022) ‘Association between depression and HbA1c levels in the elderly population with type 2 diabetes mellitus during COVID-19 pandemic’, *Narra J*, 2(1), pp. 1–6. Available at: <https://doi.org/10.52225/narra.v2i1.51>.

Zhang, L. *et al.* (2024) ‘Association between dietary sugar intake and depression in US adults: a cross-sectional study using data from the National Health and Nutrition Examination Survey 2011–2018’, *BMC Psychiatry*, 24(1), pp. 1–10. Available at: <https://doi.org/10.1186/s12888-024-05531-7>.

Zheng, C. *et al.* (2024) ‘Association between depression and diabetes among American adults using NHANES data from 2005 to 2020’, *Scientific Reports*, 14(1), pp. 1–11. Available at: <https://doi.org/10.1038/s41598-024-78345-y>.

Zimmerman, R.S. (2016) *Diabetes Mellitus: Management of Microvascular and Macrovascular Complications*, Center for Continuing Education. Available at: <https://www.clevelandclinicmeded.com/medicalpubs/diseasemanagement/endocrinology/diabetes-mellitus/#:~:text=Definitions,a progression of nonproliferative retinopathy.> (Accessed: 18 April 2025).