

DAFTAR PUSTAKA

- ADA. (2023). *American Diabetes Association Releases 2023 Standards of Care in Diabetes to Guide Prevention, Diagnosis, and Treatment for People Living with Diabetes*.
- ADA. (2024). Standards of Care in Diabetes—2024. In *Diabetes Care* (Vol. 47, pp. S1–S4). American Diabetes Association Inc. <https://doi.org/10.2337/dc24-SINT>
- Addis, Z., Berhie, A. Y., Abate, T. W., Belay, B. M., Wale, H., Tega, A., & Alene, T. (2025). Comorbid cardiovascular diseases and predictors among adults with type 2 diabetes in Bahir Dar city, Ethiopia: a multicentre hospital-based cross-sectional study. *BMJ Open*, 15(5). <https://doi.org/10.1136/bmjopen-2024-086054>
- Alpian, M., & Mariawan Alfarizi, L. (2022). Diabetes Mellitus Tipe 2 (Dua) Dan Pengobatannya: Suatu Tinjauan Literatur. In *Journal of Public Health and Medical Studies* (Vol. 1, Number 1).
- Apriliany, F., Cholisah, E., & Erlianti, K. (2022). Efek Pemberian Metformin dan Metformin+Glimepiride terhadap Kadar HbA1c pada Pasien Diabetes Mellitus Tipe 2. *JURNAL MANAJEMEN DAN PELAYANAN FARMASI (Journal of Management and Pharmacy Practice)*, 12(2), 97. <https://doi.org/10.22146/jmpf.72192>
- Argoons, S. A., Mahmoud, E. T., & Madkour, R. A. (2024). The association of serum uric acid level with metabolic risk factors in patients with type 2 diabetes and their relation to eGFR status. *The Egyptian Journal of Internal Medicine*, 36(1). <https://doi.org/10.1186/s43162-024-00319-3>
- Ayu, I., Dewi Wikannanda, A., Luh, N., Eka, P., Sari, K., Sri, A. A., & Aryastuti, A. (2023). Gambaran Penggunaan Terapi Kombinasi Oral Metformin-Sulfonilurea pada Pasien DM Tipe 2 di Denpasar. *Aesculapius Medical Journal* |, 3(2), 224–232.
- Bimantara, W., Lolo, W. A., & Jayanto, I. (2021). Cost Minimization Analysis Of Using Risperidone And Haloperidol In Schizoprenic Patients In A Mental Hospital Dr. V. L. Ratumbusang Analisis Minimalisasi Biaya Penggunaan Risperidon Dan Haloperidol Pada Pasien Skizofrenia Rawat Inap Di Rumah Sakit Jiwa Prof. Dr. V. L. Ratumbusang.
- Chandrasekaran, P., & Weiskirchen, R. (2024). The Role of Obesity in Type 2 Diabetes Mellitus—An Overview. In *International Journal of Molecular Sciences* (Vol. 25, Number 3). Multidisciplinary Digital Publishing Institute (MDPI). <https://doi.org/10.3390/ijms25031882>

- Das, U., & Kar, N. (2023). Prevalence and risk factor of diabetes among the elderly people in West Bengal: evidence-based LASI 1st wave. *BMC Endocrine Disorders*, 23(1). <https://doi.org/10.1186/s12902-023-01421-3>
- Davies, M. J., Aroda, V. R., Collins, B. S., Gabbay, R. A., Green, J., Maruthur, N. M., Rosas, S. E., Del Prato, S., Mathieu, C., Mingrone, G., Rossing, P., Tankova, T., Tsapas, A., & Buse, J. B. (2022). Management of Hyperglycemia in Type 2 Diabetes, 2022. A Consensus Report by the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). *Diabetes Care*, 45(11), 2753–2786. <https://doi.org/10.2337/dci22-0034>
- Dewi, N. W. R. K., Santi, M. D. S., & Yasa, G. T. (2022). Peningkatan Pemahaman Siswa Farmasi tentang Peran Farmakoekonomi dalam Pelayanan Kesehatan di SMK Bintang Persada Denpasar. *Jurnal Pengabdian Kepada Masyarakat Wahana Usada*, 4(2), 82–88. <https://doi.org/10.47859/wuj.v4i2.284>
- Ding, Y., Liu, Y., Qu, Y., Lin, M., Dong, F., Li, Y., Cao, L., & Lin, S. (2022). *Efficacy and safety of combination therapy with vildagliptin and metformin vs. metformin monotherapy for Type 2 Diabetes Mellitus therapy: a meta-analysis.*
- Dinkes. (2025). *Jumlah Penderita Diabetes Melitus*. Dinas Kesehatan Provinsi Jawa Barat. <https://opendata.jabarprov.go.id/id/dataset/jumlah-penderita-diabetes-melitus-berdasarkan-kabupatenkota-di-jawa-barat>
- Dludla, P. V., Mabhida, S. E., Ziqubu, K., Nkambule, B. B., Mazibuko-Mbeje, S. E., Hanser, S., Basson, A. K., Pheiffer, C., & Kengne, A. P. (2023). Pancreatic β -cell dysfunction in type 2 diabetes: Implications of inflammation and oxidative stress. *World Journal of Diabetes*, 14(3), 130–146. <https://doi.org/10.4239/wjd.v14.i3.130>
- Fatma Nuraisyah. (2023). Faktor Risiko Diabetes Mellitus Tipe 2.
- gulo, A. F., Zulfa, A. A., Fitriyani, A., Pondini, D. A., Kairunnisa, S., & Frianto, D. (2023). Analisis Efektivitas Biaya Terapi Antibiotika Pada Penderita Gangguan Saluran Pernafasan Di Indonesia: Literature Review Article. *Journal Of Social Science Research*, 3(2), 2743–2755. <https://j-innovative.org/index.php/Innovative>
- Hanna, D., Program, F., Keperawatan, S., Tinggi, S., Kesehatan, I., & Rapih, P. (2025). Hubungan Antara Kadar Gula Darah Sewaktu Dan Lama Menderita Dengan Komplikasi Diabetes Melitus Tipe 2 Di Rumah Sakit Panti Rapih. *Jurnal Ilmiah Keperawatan Imelda*, 11(1). <http://jurnal.uimedan.ac.id/index.php/Jurnalkeperawatan>
- Indarto, Widiyanto, A., & Tri Atmojo, J. (2023). Efektivitas Metformin Dalam Penurunan Kadar Glukosa Pada Pasien Diabetes Mellitus Tipe-2: Meta-Analysis Effectiveness Of Metformin In Reducing Glucose Levels Among

Type-2 Diabetes Mellitus Patients: Meta-Analysis.
<http://journal.stikeskendal.ac.id/index.php/PSKM>

Indratama, I. M. B., Rahim, A. H., & Veranita, M. (2024). Pharmacoeconomic Assessment Using ACER and ICER Methods for Cost Efficiency of Antibiotics in Pneumonia Patients at Grha Bhakti Medika Hospital, Klungkung, Bali, January-December 2023. *Intisari Sains Medis*, 15(3), 994–1003. <https://doi.org/10.15562/ism.v15i3.2141>

International Diabetes Federation. (2025). *Diabetes Atlas 11th Edition*.

International Diabetes Federation (IDF). (2021). *IDF Diabetes Atlas (10th ed.)*. Brussels: International Diabetes Federation. <https://diabetesatlas.org/>

Kautzky-Willer, A., & Harreiter, J. (2018). Sex and gender differences in prevention of type 2 diabetes. In *Frontiers in Endocrinology* (Vol. 9, Number MAY). Frontiers Media S.A. <https://doi.org/10.3389/fendo.2018.00220>

Kemenkes. (2022). *PEDOMAN UMUM PENILAIAN TEKNOLOGI KESEHATAN DI INDONESIA*.

Kemenkes. (2023). *Survei Kesehatan Indonesia*.

Kemenkes RI. (2017). *Buku Panduan Penilaian Teknologi Kesehatan Efektivitas Klinis dan Evaluasi Ekonomi*.

Kumar, U. D., & Srilatha, D. B. (2024). *Comparison of Efficacy and Safety of Metformin and Vildagliptin versus Metformin and Glimepiride in Patients of Type-2 Diabetes Mellitus*.

Martin, A., Halim Santoso, A., Nathalie Jap, A., & Framanto Johan, R. (2025). Skrining Diabetes Sederhana: Gula Darah Sewaktu dan HbA1c pada Pekerja Kantoran di Kawasan Sudirman. *Jurnal Pengabdian Sosial*. <https://ejournal.jurnalpengabdiansosial.com/index.php/jps>

Miranda, G. T., & Sari, Y. (2023). *FAKTOR RISIKO KEJADIAN DIABETES MELITUS (DM) TIPE 2 DI POLIKLINIK PENYAKIT DALA RS KOTA BENGKULU* (Vol. 15). <https://doi.org/https://doi.org/10.51712/mitraraflesia.v15i2.331>

Mohan, V., Zargar, A., Chawla, M., Joshi, A., Ayyagari, U., Sethi, B., Gaurav, K., Patted, U. R. H., Bhagat, S. V., & Mane, A. I. (2021). Efficacy of a combination of metformin and vildagliptin in comparison to metformin alone in type 2 diabetes mellitus: A multicentre, retrospective, real-world evidence study. *Diabetes, Metabolic Syndrome and Obesity*, 14, 2925–2933. <https://doi.org/10.2147/DMSO.S315227>

Murtiningsih, M. K., Pandelaki, K., & Sedli, B. P. (2021). *Gaya Hidup sebagai Faktor Risiko Diabetes Melitus Tipe 2*. <https://doi.org/10.35790/ec1.9.2.2021.32852>

- Nalang, A., Citraningtyas, G., & Lolo, W. A. (2018). Analisis Efektivitas Biaya (Cost Effectiveness Analysis) Pengobatan Pneumonia Menggunakan Antibiotik Seftriakson Dan Sefotaksim Di Rsup Prof. Dr. R. D. Kandou Manado. In *Pharmacon Jurnal Ilmiah Farmasi-UNSRAT* (Vol. 7, Number 3).
- Nasution, F., Azwar Siregar, A., & Tinggi Kesehatan Indah Medan, S. (2021). FAKTOR RISIKO KEJADIAN DIABETES MELLITUS (Risk Factors for The Event of Diabetes Mellitus). *Jurnal Ilmu Kesehatan*, 9(2).
- Nguyen, T.-P.-L., Rifqi Rokhman, M., Stiensma, I., Sukma Hanifa, R., Due Ong, T., Postma, M. J., & van der Schans, J. (2023). *Cost-effectiveness of non-communicable disease prevention in Southeast Asia: a scoping review*. <https://doi.org/10.17605/OSF.IO/NPEHT>
- Nurul Jannah, E., Ismunandar, A., Hidayat Maulana, L., Studi Farmasi, P., Sains dan Teknologi, F., & Peradaban, U. (2021a). *Analisis Efektivitas Biaya Penggunaan Antidiabetik Oral Pada Pasien Diabetes Mellitus Tipe 2 Rawat Jalan Peserta BPJS Di RSUD Bumiayu 2020 Cost-Effectiveness Analysis Of The Use Of Oral Antidiabetics In Type 2 Diabetes Mellitus Patients BPJS Participants At Bumiayu Hospital*. 1(2).
- Nurul Jannah, E., Ismunandar, A., Hidayat Maulana, L., Studi Farmasi, P., Sains dan Teknologi, F., & Peradaban, U. (2021b). *Analisis Efektivitas Biaya Penggunaan Antidiabetik Oral Pada Pasien Diabetes Mellitus Tipe 2 Rawat Jalan Peserta BPJS Di RSUD Bumiayu 2020 Cost-Effectiveness Analysis Of The Use Of Oral Antidiabetics In Type 2 Diabetes Mellitus Patients BPJS Participants At Bumiayu Hospital*. 1(2).
- Ong, K. L., Stafford, L. K., McLaughlin, S. A., Boyko, E. J., Vollset, S. E., Smith, A. E., Dalton, B. E., Duprey, J., Cruz, J. A., Hagins, H., Lindstedt, P. A., Aali, A., Abate, Y. H., Abate, M. D., Abbasian, M., Abbasi-Kangevari, Z., Abbasi-Kangevari, M., Abd ElHafeez, S., Abd-Rabu, R., ... Vos, T. (2023). Global, regional, and national burden of diabetes from 1990 to 2021, with projections of prevalence to 2050: a systematic analysis for the Global Burden of Disease Study 2021. *The Lancet*, 402(10397), 203–234. [https://doi.org/10.1016/S0140-6736\(23\)01301-6](https://doi.org/10.1016/S0140-6736(23)01301-6)
- Perkeni. (2021). Pedoman Pengelolaan Dan Pencegahan Diabetes Melitus Tipe 2 Dewasa Di Indonesia.
- Perpres. (2024). Peraturan Presiden Republik Indonesia Tahun 2024.
- Powers, M. A., Bardsley, J. K., Cypress, M., Funnell, M. M., Harms, D., Hess-Fischl, A., Hooks, B., Isaacs, D., Mandel, E. D., Maryniuk, M. D., Norton, A., Rinker, J., Siminerio, L. M., & Uelman, S. (2020). Diabetes Self-management Education and Support in Adults with Type 2 Diabetes: A Consensus Report of the American Diabetes Association, the Association of Diabetes Care & Education Specialists, the Academy of Nutrition and Dietetics, the American

Academy of Family Physicians, the American Academy of PAs, the American Association of Nurse Practitioners, and the American Pharmacists Association. *Diabetes Care*, 43(7), 1636–1649. <https://doi.org/10.2337/dci20-0023>

Purnama, R. F. N. (2023). Retinopati Diabetik : Manifestasi Klinis, Diagnosis, Tatalaksana dan Pencegahan. *Lombok Medical Journal*, 2(1), 39–42. <https://doi.org/10.29303/lmj.v2i1.2410>

Purnamasari, T. J., Ilone, S., & Setiawan, D. (2023). Cost Utility Analysis Vildagliptin dan Glimepiride dalam Mencegah Komplikasi Mikrovaskuler menggunakan Model Markov. *JURNAL MANAJEMEN DAN PELAYANAN FARMASI (Journal of Management and Pharmacy Practice)*, 13(4). <https://doi.org/10.22146/jmpf.88587>

Rediningsih, D. R., & Lestari, I. P. (2022). Faktor Risiko Kejadian Diabetes Melitus Tipe II Di Desa Kemambang. In *Pro Health Jurnal Ilmiah Kesehatan* (Vol. 4, Number 2).

Sari, D. O., Lorensia, A., Rahem, A., & Lestiono, L. (2023). UJI EFEKTIVITAS DAN KEAMANAN KOMBINASI METFORMIN-VILDAGLIPTIN PADA DIABETES MELITUS TIPE 2 DI RSPAL Dr. RAMELAN SURABAYA. *Jurnal Ilmiah Ibnu Sina (JIIS): Ilmu Farmasi Dan Kesehatan*, 8(2), 166–175. <https://doi.org/10.36387/jiis.v8i2.1309>

Sattar, K., Karim, S. I., Akram, A., & Alrashed, F. A. (2024). Prevalence of Comorbidities among Patients with Type-2 Diabetes Mellitus in Saudi Population. *Pakistan Journal of Medical Sciences*, 40(8), 1651–1657. <https://doi.org/10.12669/pjms.40.8.9003>

Siam, N. H., Snigdha, N. N., Tabasumma, N., & Parvin, I. (2024). Diabetes Mellitus and Cardiovascular Disease: Exploring Epidemiology, Pathophysiology, and Treatment Strategies. In *Reviews in Cardiovascular Medicine* (Vol. 25, Number 12). IMR Press Limited. <https://doi.org/10.31083/j.rcm2512436>

Sondang, T. F., Kaunang, J. P. W., & Ratag, T. B. (2024). *FAKTOR - FAKTOR YANG BERHUBUNGAN DENGAN KEJADIAN DIABETES MELITUS TIPE II PADA PASIEN DI RUMAH SAKIT UMUM PANCARAN KASIH MANADO*. 5.

Syavardie, Y., Mardatillah, Yuniar, C. R., Serdiani, Arief, I., Suhery, D., Ersas, C. B., Fitria, N., Anggraini, L. F., Anggoro, A., & Ihsan, M. (2024). *Farmakoekonomi*. Pt Penamudamedia.

Syrjälä, M. B., Smidt, M. F. de, Bergman, F., Nordendahl, M., Otten, J., Renklint, R., Rolandsson, O., Wahlström, V., & Wennberg, P. (2025). Low occupational physical activity is associated with incident type 2 diabetes in overweight and obese individuals: a population-based cohort study. *BMC Public Health*, 25(1). <https://doi.org/10.1186/s12889-025-22534-5>

- Taheri, A., Khezri, R., Dehghan, A., Rezaeian, M., Aune, D., & Rezaei, F. (2024). Hypertension among persons with type 2 diabetes and its related demographic, socioeconomic and lifestyle factors in the Fasa cohort study. *Scientific Reports*, 14(1). <https://doi.org/10.1038/s41598-024-69062-7>
- Takase, M., Nakaya, N., Nakamura, T., Kogure, M., Hatanaka, R., Nakaya, K., Chiba, I., Kanno, I., Nochioka, K., Tsuchiya, N., Hirata, T., Narita, A., Obara, T., Ishikuro, M., Uruno, A., Kobayashi, T., Kodama, E. N., Hamanaka, Y., Orui, M., ... Yamamoto, M. (2023). Influence of Diabetes Family History on the Associations of Combined Genetic and Lifestyle Risks with Diabetes in the Tohoku Medical Megabank Community-Based Cohort Study. *Journal of Atherosclerosis and Thrombosis*, 30(12), 1950–1965. <https://doi.org/10.5551/jat.64425>
- Turner, H. C., Rivillas-Garcia, J. C., Prinja, S., Hung, T. M., Dabak, S. V., Asare, B. A., Jit, M., & Teerawattananon, Y. (2025). An Introduction to Costing and the Types of Costs Used within Health Economic Studies. In *PharmacoEconomics - Open* (Vol. 9, Number 6, pp. 849–868). Adis. <https://doi.org/10.1007/s41669-025-00602-1>
- Wei, J., Fan, L., He, Z., Zhang, S., Zhang, Y., Zhu, X., Xia, F., Song, X., Chen, L., Zou, Z., & Wang, T. (2025). The global, regional, and national burden of type 2 diabetes mellitus attributable to low physical activity from 1990 to 2021: a systematic analysis of the global burden of disease study 2021. *International Journal of Behavioral Nutrition and Physical Activity*, 22(1). <https://doi.org/10.1186/s12966-025-01709-8>
- Widiasari, K. R., Made, I., Wijaya, K., & Suputra, P. A. (2021). Diabetes Melitus Tipe 2: Faktor Risiko, Diagnosis, Dan Tatalaksana. In *Ganesha Medicina Journal* (Vol. 1).
- World Health Organization. (2024). *Diabetes*. WHO. <https://www.who.int/news-room/fact-sheets/detail/diabetes>
- Wulandari, N., Maifitrianti, Muthi'ah, F., & Disya, N. N. (2021). Antidiabetic Regimen and Factors Associated with Glycemic Control in Patients with Type 2 Diabetes mellitus in Public Health Centers in Jakarta: A Cross-Sectional Study. *JURNAL MANAJEMEN DAN PELAYANAN FARMASI (Journal of Management and Pharmacy Practice)*, 11(3), 164–172. <https://doi.org/10.22146/jmpf.56931>
- Yang, W., Wu, Y., Chen, Y., Chen, S., Gao, X., Wu, S., & Sun, L. (2024). Different levels of physical activity and risk of developing type 2 diabetes among adults with prediabetes: a population-based cohort study. *Nutrition Journal*, 23(1). <https://doi.org/10.1186/s12937-024-01013-4>
- Yang, Y., Ma, J.-C., Shu, S., Chen, T.-X., Bai, H.-J., & Ding, X.-W. (2025). Intervention effect of combined resistance and aerobic exercise on type 2

diabetes: A meta-analysis. *World Journal of Diabetes*, 16(7).
<https://doi.org/10.4239/wjd.v16.i7.108121>

Yu, X., Kan, C., Zhang, K., Zhang, X., Ren, J., Chen, J., Wang, Y., & Zhang, Y. (2025). *Therapeutic advances in endocrinology and Metabolism*.
<https://vizhub.healthdata.org/gbd-results/>

Zhao, M., Ma, X., Xia, Z., Zhang, J., Zhong, J., Ye, P., Xu, G., Qiao, S., Shi, S., He, Y., & Jiang, J. (2025). Association between serum uric acid and dyslipidaemia in type 2 diabetes: a cross-sectional study. *BMJ Open*, 15(1).
<https://doi.org/10.1136/bmjopen-2024-087954>