

DAFTAR PUSTAKA

- Abougalambou, S.S.I. dan Abougalambou, A.S., 2013. A study evaluating prevalence of hypertension and risk factors affecting on blood pressure control among type 2 diabetes patients attending teaching hospital in Malaysia. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*, **7**: 83–86.
- Achankunju, B., Thomas, J., Alexander, R., Varughese, S.A., dan Sam, G.K., 2017. Assessment & Evaluation On The Knowledge, Attitude & Practice Towards Medication Therapy Management Among Community Of Davangere City. *Asian Journal of Pharmaceutical and Clinical Research*, 380–383.
- Afaya, R.A., Bam, V., Lomotey, A.Y., dan Afaya, A., 2023. Clinical factors influencing knowledge and self-care practice among adults with type 2 diabetes mellitus. *Nursing Open*, **10**: 2492–2500.
- Alfaqeeh, M., Alfian, S.D., dan Abdulah, R., 2024. Factors associated with diabetes mellitus among adults: Findings from the Indonesian Family Life Survey-5. *Endocrine and Metabolic Science*, **14**: 100161.
- American Diabetes Association, 2021. 2. Classification and Diagnosis of Diabetes: *Standards of Medical Care in Diabetes—2021*. *Diabetes Care*, **44**: S15–S33.
- American Diabetes Association, 2024. Standar care of Diabetes 2024. *Diabetes Care*, **47**: S20–S42.
- American Geriatrics Society Beers Criteria, 2023. American Geriatrics Society 2023 updated AGS Beers Criteria® for potentially inappropriate medication use in older adults. *Journal of the American Geriatrics Society*, **71**: 2052–2081.
- Anderson, E.J., Axon, D.R., Taylor, A.M., Towers, V., Warholak, T., Johnson, M., dkk., 2020. Impact evaluation of a four-year academic-community partnership in provision of medication management and tertiary prevention services for rural patients with diabetes and/or hypertension. *Preventive Medicine Reports*, **17**: 101038.
- APhA, 2008. Medication therapy management in pharmacy practice: core elements of an MTM service model (version 2.0). *Journal of the American Pharmacists Association: JAPhA*, **48**: 341–353.
- Aris, M.A., Pasi, H., Shalihin, M.S.E., Othman, U., dan Abdul, N.-H., 2022. Translation and Validation of Malay Version of the Simplified Diabetes Knowledge Test (DKT) 80–81.
- Bayked, E., Haile Kahissay, M., dan Demeke Workneh, B., 2022. Beliefs, perceptions, and tendencies of patients with diabetes towards folk-healing alternatives: A qualitative analysis. *Cogent Social Sciences*, **8**: 2106650.
- Blackburn, D.F. dan Wilson, T.W., 2006. Antihypertensive medications and blood sugar: Theories and implications. *The Canadian journal of cardiology*, **22**: 229–233.
- Bluml, B.M., 2005. Definition of Medication Therapy Management: Development of Professionwide Consensus. *Journal of the American Pharmacists Association*, **45**: 566–572.

- Boban, B., Aswathy, K.S., Athira, B.M., Karthikeyan, M., Xavier, A., dan Aravind, R.S., 2017. Impact of medication therapy management on knowledge, attitude and practice among diabetic patients. *Clinical Epidemiology and Global Health*, **5**: 70–72.
- BPJS, 2014. Peraturan BPJS No 1 Tahun 2014 tentang Penyelenggaraan Jaminan Sosial hal 35-39.
- BPJS, 2024. Peraturan Badan Penyelenggara Jaminan Sosial Kesehatan Nomor 3 Tahun 2024 Tentang Pelayanan Skrining Riwayat Kesehatan, Pelayanan Penapisan Atau Skrining Kesehatan Tertentu, Dan Peningkatan Kesehatan Bagi Peserta Penderita Penyakit Kronis Dalam Program Jaminan Kesehatan hal 4-16.
- BPJS Kesehatan, 2014. Panduan Praktis Prolanis. *Badan Penyelenggara Jaminan Sosial Kesehatan RI.*, 5–10.
- Burns, A., 2008. Medication therapy management in pharmacy practice: Core elements of an MTM service model (version 2.0). *Journal of the American Pharmacists Association*, **48**: 341–353.
- Bushardt, R.L., Massey, E.B., Simpson, T.W., Ariail, J.C., dan Simpson, K.N., 2008. Polypharmacy: misleading, but manageable. *Clinical Interventions in Aging*, **3**: 383–389.
- Collins, G.S., Mughal, S., Barnett, A.H., Fitzgerald, J., dan Lloyd, C.E., 2011. Modification and validation of the Revised Diabetes Knowledge Scale. *Diabetic Medicine: A Journal of the British Diabetic Association*, **28**: 306–310.
- Dalawi, I., Isa, M.R., Chen, X.W., Azhar, Z.I., dan Aimran, N., 2023. Development of the Malay Language of understanding, attitude, practice and health literacy questionnaire on COVID-19 (MUAPHQ C-19): content validity & face validity analysis. *BMC Public Health*, **23**: 1131.
- Denham, D., 2020. Effect of Repeated Doses of Acetaminophen on a Continuous Glucose Monitoring System with Permselective Membrane. *Journal of Diabetes Science and Technology*, **15**: 193229682094854.
- Deters, M.A., Obarcanin, E., Schwender, H., dan Laer, S., 2021. EMDIA Case Series—Effective Medication Therapy Management (MTM) for Diabetes Type 2 Patients—A Proof of Concept Study. *Pharmacy: Journal of Pharmacy Education and Practice*, **9**: 137.
- Dinkes Kulon Progo, 2024. Profil Kesehatan Kabupaten Kulon Progo Tahun 2023 25.
- Dinkes Yogyakarta, 2024. 'Gerakan Hidup Sehat Melawan Diabetes Mellitus (Gendhis Manis)', URL: <https://dinkes.jogjaprov.go.id/berita/detail/gerakan-hidup-sehat-melawan-diabetes-mellitus-gendhis-manis> (diakses tanggal 18/3/2024).
- Dipiro, Schwinghammer, T. L., dan Ellingrod, V. L., 2020. Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition. McGraw Hill, New York, hal. 3570–3675.
- Ditjen Farmalkes, 2014. Pedoman Pelayanan Kefarmasian pada Diabetes Mellitus. *Kementrian Kesehatan Republik Indonesia*, 4.

- Fenwick, E.K., Xie, J., Rees, G., Finger, R.P., dan Lamoureux, E.L., 2013. Factors Associated with Knowledge of Diabetes in Patients with Type 2 Diabetes Using the Diabetes Knowledge Test Validated with Rasch Analysis. *PLoS ONE*, **8**: e80593.
- Ferreira, P.L., Morais, C., Pimenta, R., Ribeiro, I., Amorim, I., Alves, S.M., dkk., 2024. Knowledge about type 2 diabetes: its impact for future management. *Frontiers in Public Health*, **12**: 1328001.
- Fitzgerald, J.T., Funnell, M.M., Anderson, R.M., Nwankwo, R., Stansfield, R.B., dan Piatt, G.A., 2016. Validation of the Revised Brief Diabetes Knowledge Test (DKT2). *The Diabetes Educator*, **42**: 178–187.
- Gendeleka, G. dan Gendeleka, A., 2020. Insulin therapy of type 2 diabetes mellitus. *Miznarodnij Endokrinologicnij Zurnal*, **16**: 63–68.
- Hati, A., Kristina, S., Yasin, N., dan Lazuardi, L., 2023. Educational Curriculum for Diabetes Mellitus (DM) Patients at the Public Health Center in Salatiga City, Central Java Province. *BIO Web of Conferences*, **75**: .
- IDF, 2021. 'Indonesia diabetes report 2000 — 2045', . URL: <https://diabetesatlas.org/data/> (diakses tanggal 18/3/2024).
- IDF, 2024. 'International Diabetes Federation', *International Diabetes Federation*. URL: <https://idf.org/about-diabetes/what-is-diabetes/> (diakses tanggal 22/4/2024).
- Isnaini, N. dan Ratnasari, R., 2018. Faktor risiko mempengaruhi kejadian Diabetes mellitus tipe dua. *Jurnal Kebidanan dan Keperawatan Aisyiyah*, **14**: 59–68.
- Jha, S. dan Singh, B., 2014. Consumer Perception Scale in Store Environment (CPS-SE) for Measuring Consumer Buying Behavior p 54-55.
- Kassahun, T., Gesesew, H., Mwanri, L., & Eshetie, T. (2016). Diabetes related knowledge, self-care behaviours and adherence to medications among diabetic patients in Southwest Ethiopia: A cross-sectional survey. *BMC Endocrine Disorders*, *16*(1), 28. <https://doi.org/10.1186/s12902-016-0114>.
- Kemenkes, 2025. 'e-fornas', . URL: <https://e-fornas.kemkes.go.id/guest/////daftar-obat> (diakses tanggal 13/4/2025).
- Kemenkes RI, 2023. SKI 2023 Dalam Angka. *Badan Kebijakan Pembangunan Kesehatan | BKPK Kemenkes*, .
- Kirk, J.K. dan Stegner, J., 2010. Self-Monitoring of Blood Glucose: Practical Aspects. *Journal of Diabetes Science and Technology*, **4**: 435–439.
- Koda-Kimble, M.A. dan Alldredge, B.K. (Editor), 2013. *Applied Therapeutics: The Clinical Use of Drugs*, 10th ed. ed. Wolters Kluwer/Lippincott Williams & Wilkins, Philadelphia, p 2519.
- Krentz, A.J., Clough, G., dan Byrne, C.D., 2007. Interactions between microvascular and macrovascular disease in diabetes: pathophysiology and therapeutic implications. *Diabetes, Obesity & Metabolism*, **9**: 781–791.
- Kurnianta, P.D.M., 2021. Ketercapaian Target Glikemik Dan Analisis Faktor-Faktor Terkait Pada Pasien Diabetes Tipe 2. hal 45-46.
- Kuswanti, R. dan Afsah, 2015. Tingkat Pengetahuan Keluarga Tentang Diabetes Melitus Tipe 2 di Wilayah Kerja Puskesmas Galur II Kulon Progo Yogyakarta 1.

- Kwakye, A.O., Kretchy, I.A., dan Oppong, K.G., 2024. Polypharmacy and its associated factors among patients with co-morbid hypertension and diabetes in a municipal hospital in Ghana. *Scientific African*, **23**: .
- Lameshow, S. (Editor), 1990. *Adequacy of Sample Size in Health Studies*. Published on behalf of the World Health Organization by Wiley ; Distributed in the U.S.A., Canada, and Japan by Liss, Chichester [England] ; New York : New York, NY, USA, p 239.
- Larasati, L., Andayani, T., dan Kristina, S., 2019. Hubungan Tingkat Pengetahuan terhadap Outcome Klinik Pasien Diabetes Melitus Tipe 2. *JURNAL MANAJEMEN DAN PELAYANAN FARMASI (Journal of Management and Pharmacy Practice)*, **9**: .
- Lemes dos Santos, P.F., dos Santos, P.R., Ferrari, G.S.L., Fonseca, G.A.A., dan Ferrari, C.K.B., 2014. Knowledge of Diabetes Mellitus: Does Gender Make a Difference? *Osong Public Health and Research Perspectives*, **5**: 199–203.
- Lexidrug, 2025, *Lexidrug*. <https://online.lexi.com/lco/action/home>
- Lou, H., Jiang, Y., Xu, C., Dong, Z.-M., Liu, D., Qiao, C., dkk., 2024. Effects of a combination of dyslipidemia and hypertension on the glycemic control of patients with type 2 diabetes mellitus: a cross-sectional study. *SAGE Open Medicine*, **12**: .
- Magliano, D.J., Boyko, E.J., dan Committee, I.D.A. 10th edition scientific, 2021. Global picture, dalam: *IDF DIABETES ATLAS [Internet]. 10th edition*. International Diabetes Federation, Accessed 3/18/2024.
- McGill, J.B., Vlajnic, A., Knutsen, P.G., Recklein, C., Rimler, M., dan Fisher, S.J., 2013. Effect of gender on treatment outcomes in type 2 diabetes mellitus. *Diabetes Research and Clinical Practice*, **102**: 167–174.
- Mendonça, S. de A.M., Melo, A.C., Pereira, G.C.C., dos Santos, D.M. de S.S., Grossi, E.B., Sousa, M. do C.V.B., dkk., 2016. 'Clinical outcomes of medication therapy management services in primary health care. *Brazilian Journal of Pharmaceutical Sciences*, 52(3), 365–373 | 10.1590/s1984-82502016000300002', . URL: <https://sci-hub.se/10.1590/s1984-82502016000300002> (diakses tanggal 7/5/2024).
- NCATS, 2024. 'Clinical outcome', *Toolkit*. URL: <https://toolkit.ncats.nih.gov/glossary/clinical-outcome> (diakses tanggal 4/5/2024).
- Ndefo, U., Moultry, A., Davis, P., & Askew, R. (2017). Provision of Medication Therapy Management by Pharmacists to Patients With Type-2 Diabetes Mellitus in a Federally Qualified Health Center. *P & T: A Peer-Reviewed Journal for Formulary Management*, **42**, 632–637.
- Negash, Z., Berha, A.B., Shibeshi, W., Ahmed, A., Woldu, M.A., dan Engidawork, E., 2021. Impact of medication therapy management service on selected clinical and humanistic outcomes in the ambulatory diabetes patients of Tikur Anbessa Specialist Hospital, Addis Ababa, Ethiopia. *PLOS ONE*, **16**: e0251709.

- O'Mahony, D., Cherubini, A., Guiteras, A.R., Denkinger, M., Beuscart, J.-B., Onder, G., dkk., 2023. STOPP/START criteria for potentially inappropriate prescribing in older people: version 3. *European Geriatric Medicine*, **14**: 625–632.
- Paschou, S.A. dan Papanas, N., 2019. Type 2 Diabetes Mellitus and Menopausal Hormone Therapy: An Update. *Diabetes Therapy: Research, Treatment and Education of Diabetes and Related Disorders*, **10**: 2313–2320.
- Paula, J.S., Braga, L.D., Moreira, R.O., dan Kupfer, R., 2017. Correlation between parameters of self-monitoring of blood glucose and the perception of health-related quality of life in patients with type 1 diabetes mellitus. *Archives of Endocrinology and Metabolism*, **61**: 343–347.
- PCPCC, 2012. The Patient-Centered Medical Home: Integrating Comprehensive Medication Management to Optimize Patient Outcomes,. *Resource Guide, 2nd ed., Washington D.C., .*
- Peters, K.R., 2011. Intensifying treatment of type 2 diabetes mellitus: Adding insulin. *Pharmacotherapy*, **31**: 54S-64S.
- Petrie, J.R., Guzik, T.J., dan Touyz, R.M., 2018. Diabetes, Hypertension, and Cardiovascular Disease: Clinical Insights and Vascular Mechanisms. *The Canadian Journal of Cardiology*, **34**: 575–584.
- Phoosuan, N., Ongarj, P., dan Hjelm, K., 2022. Knowledge on diabetes and its related factors among the people with type 2 diabetes in Thailand: a cross-sectional study. *BMC Public Health*, **22**: 2365.
- Pinto, S.L., Kumar, J., Partha, G., dan Bechtol, R.A., 2014. Pharmacist-Provided Medication Therapy Management (MTM) Program Impacts Outcomes for Employees with Diabetes. *Population Health Management*, **17**: 21–27.
- Putra, I.W.M.M., Budyono, C., Ekawanti, A., dan Anggoro, J., 2023. Factors Affecting Controlled Blood Sugar Levels in Patients with Type 2 Diabetes Mellitus at the Internal Medicine Polyclinic at the Regional General Hospital of West Nusa Tenggara Province. *Jurnal Biologi Tropis*, **23**: 65–72.
- Retnowati, N. dan Satyabakti, P., 2014. Hidup Penderita Diabetes Melitus Di Puskesmas Tanah 57–68.
- Riaz, F., Al Shaikh, A., Anjum, Q., Mudawi Alqahtani, Y., dan Shahid, S., 2021. Factors related to the uncontrolled fasting blood sugar among type 2 diabetic patients attending primary health care center, Abha city, Saudi Arabia. *International Journal of Clinical Practice*, **75**: e14168.
- Rokhman, M.R., Darakay, C.N., dan Raditya, R., 2015. PENGARUH PEMBERIAN HOME CARE OLEH APOTEKER PADA PASIEN DIABETES MELITUS **5**: .
- Rosyada, A. dan Trihandini, I., 2013. Determinan Komplikasi Kronik Diabetes Melitus pada Lanjut Usia. *Kesmas: Jurnal Kesehatan Masyarakat Nasional*, **7**: 395.
- Rubio, J.S., García-Delgado, P., Iglésias-Ferreira, P., Mateus-Santos, H., dan Martínez-Martínez, F., 2015. Measurement of patients' knowledge of their medication in community pharmacies in Portugal. *Ciência & Saúde Coletiva*, **20**: 219–228.

- Rumi, A. dan Fitriana, A., 2021. The Evaluation of Fasting Plasma Glucose (FPG) Levels in Hypertensive Patients Using Calcium Channel Blocker (CCB) Drugs Class in Undata Regional Hospital: Evaluasi Kadar Glukosa Plasma Puasa (GPP) pada Pasien Hipertensi Menggunakan Obat Kelas Pemblok Kanal Kalsium di Rumah Sakit Daerah Undata. *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy) (e-Journal)*, **7**: 166–180.
- Shah, B. dan Chawla, S., 2011. A Needs Assessment for Development and Provision of Medication Therapy Management Services in New York City. *Journal of Pharmacy Practice*, **24**: 339–344.
- Silviana, E., Sari, A., Mauyah, N., dan Irwani, M., 2024. Persepsi Masyarakat Terhadap Pemanfaatan Obat Tradisional untuk Antidiabetes di Kecamatan Kuta Cot Glie Kabupaten Aceh Besar **4**: 12–20.
- Skinner, J.S., Poe, B., Hopper, R., Boyer, A., dan Wilkins, C.H., 2015. Assessing the Effectiveness of Pharmacist-Directed Medication Therapy Management in Improving Diabetes Outcomes in Patients With Poorly Controlled Diabetes. *The Diabetes Educator*, **41**: 459–465.
- Skyler, J.S., Bakris, G.L., Bonifacio, E., Darsow, T., Eckel, R.H., Groop, L., dkk., 2017. Differentiation of Diabetes by Pathophysiology, Natural History, and Prognosis. *Diabetes*, **66**: 241–255.
- Soelistijo, S.A., Ketut S., Dharma L., Eva D., Hikmat P., Krishna W. S., dkk., 2021. Pedoman pengelolaan dan pencegahan diabetes melitus tipe 2 dewasa di INDONESIA - 2021. *PERKENI*, 11–23.
- Somma McGivney, M., Meyer, S.M., Duncan–Hewitt, W., Hall, D.L., Goode, J.-V.R., dan Smith, R.B., 2007. Medication therapy management: Its relationship to patient counseling, disease management, and pharmaceutical care. *Journal of the American Pharmacists Association*, **47**: 620–628.
- Stedman, M., Heald, A.H., Holland, D., Halsall, I., Green, L., Wu, P., dkk., 2025. The Impact of Age and Sex on Fasting Plasma Glucose and Glycated Haemoglobin (HbA1c) in the Non-diabetes Population. *Diabetes Therapy*, **16**: 257–267.
- Suprapti, B., Izzah, Z., Anjani, A.G., Andarsari, M.R., Nilamsari, W.P., dan Nugroho, C.W., 2023. Prevalence of medication adherence and glycemic control among patients with type 2 diabetes and influencing factors: A cross-sectional study. *Global Epidemiology*, **5**: 100113.
- Swandari, M.T.K., Karuniawati, H., dan Cholisoh, Z., 2024. '(PDF) The Influence Of Medication Therapy Management (Mtm) On Clinical Outcomes And Treatment Compliance In Diabetes Mellitus Patients: A Systematic Review', URL: https://www.researchgate.net/publication/385017923_THE_INFLUENCE_OF_MEDICATION_THERAPY_MANAGEMENT_MTM_ON_CLINICAL_OUTCOMES_AND_TREATMENT_COMPLIANCE_IN_DIABETES_MELLITUS_PATIENTS_A_SYSTEMATIC_REVIEW (diakses tanggal 24/2/2025).
- Tao, X., Li, J., Zhu, X., Zhao, B., Sun, J., Ji, L., dkk., 2016. Association between socioeconomic status and metabolic control and diabetes complications: a

- cross-sectional nationwide study in Chinese adults with type 2 diabetes mellitus. *Cardiovascular Diabetology*, **15**: 61.
- Trinovitasari, N., Yasin, N.M., dan Wiedyaningsih, C., 2020. Pengaruh Medication Therapy Management (MTM) terhadap Tingkat Pengetahuan dan Kualitas Hidup Pasien Diabetes Melitus Di Puskesmas Kota Yogyakarta. *Jurnal Farmasi Indonesia*, **17**: 142–155.
- Untari, E.K., Andayani, T.M., Yasin, N.M., dan Asdie, R.H., 2024. A Review of Patient's Knowledge and Practice of Diabetic Foot Self-Care. *The Malaysian Journal of Medical Sciences : MJMS*, **31**: 33–50.
- Widiarti, W., Saputra, P.B.T., Savitri, C.G., Putranto, J.N.E., dan Alkaff, F.F., 2024. The impact of cardiovascular drugs on hyperglycemia and diabetes: a review of 'unspoken' side effects. *Hellenic Journal of Cardiology*, p 1-7.
- Wild, S., Roglic, G., Green, A., Sicree, R., dan King, H., 2004. Global Prevalence of Diabetes. *Diabetes Care*, **27**: 1047–1053.
- Wishah, R.A., Al-Khawaldeh, O.A., dan Albsoul, A.M., 2015. Impact of pharmaceutical care interventions on glycemic control and other health-related clinical outcomes in patients with type 2 diabetes: Randomized controlled trial. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*, **9**: 271–276.
- Wu, H., Liu, J., Lou, Q., Liu, J., Shen, L., Zhang, M., dkk., 2017. Comparative assessment of the efficacy and safety of akarbose and metformin combined with premixed insulin in patients with type 2 diabetes mellitus. *Medicine (United States)*, **96**: .
- Yanverty, I., Yasin, N.M., dan Tri Murti Andayani, 2021. 'Pengaruh Edukasi dan Konseling pada Pelayanan Berbasis Medication Therapy Management (MTM) terhadap Persepsi Sakit dan Outcome Klinik Pasien Diabetes Melitus di Puskesmas Kota Yogyakarta', . Universitas Gadjah Mada, 136 - 142.
- Yasin, N., Kurniawati, F., Ridhayani, F., dan Salsabila, F., 2024a. Diabetes-related patients' profile and strategy in improving their knowledge and adherence: A mixed method study. *Pharmacy Education*, **24**: 678–687.
- Yasin, N., Putri Ekasari, M., prabasworo, wulandari, Arom, S., dan Ridhayani, F., 2024b. Knowledge Level and Information Needs of Patients with Diabetes in Yogyakarta City, Indonesia. *Health Education and Health Promotion*, **12**: 431–438.
- Yasin, N., Putri Ekasari, M., prabasworo, wulandari, Arom, S., dan Ridhayani, F., 2024c. Knowledge Level and Information Needs of Patients with Diabetes in Yogyakarta City, Indonesia. *Health Education and Health Promotion*, **12**: 431–438.
- Yasin, N.M., Kurniawati, F., dan Ridhayani, F., 2025. Bridging gaps in medication therapy management at community health centers: A mixed-methods study on patient perceptions and pharmacists' preparedness. *Exploratory Research in Clinical and Social Pharmacy*, **17**: 100554.