

## DAFTAR PUSTAKA

- Al-Noumani, H., Al-Harrasi, M., Jose, J., Al-Naamani, Z., & Panchatcharam, S. M., 2022, Medication Adherence and Patients' Characteristics in Chronic Diseases: A National Multi-Center Study. *Clinical Nursing Research*, **31**(3), 426–434.
- Alfaqeeh, M., Alfian, S. D., & Abdulah, R., 2024, Factors associated with diabetes mellitus among adults: Findings from the Indonesian Family Life Survey-5. *Endocrine and Metabolic Science*, **14**(January).
- Alwhaibi, M., Balkhi, B., Alhawassi, T. M., Alkofide, H., Alduhaim, N., Alabdulali, R., Drweesh, H., & Sambamoorthi, U., 2018, Polypharmacy among patients with diabetes: A cross-sectional retrospective study in a tertiary hospital in Saudi Arabia. *BMJ Open*, **8**(5).
- Amer FA, Mohamed MS, Elbur AI, Abdelaziz SI, & Elrayah ZA, 2018, Influence of self-efficacy management on adherence to self-care activities and treatment outcome among diabetes mellitus type 2. *Pharm Pract (Granada)*, **16**(4):1274.
- American Diabetes Association, 2018, Standards of Medical Care in Diabetes, *Clin Diabetes*, **36**(1), 14-37.
- American Diabetes Association, 2024, Pharmacologic Approaches to Glycemic Treatment, *Diabetes Care*, **47**(1), 158-178.
- Anghel, L. A., Farcas, A. M., & Oprean, R. N., 2019, An overview of the common methods used to measure treatment adherence. *Medicine and pharmacy reports*, **92**(2), 117–122.
- Aras, M., Tchang, B. G., & Pape, J., 2021, Obesity and Diabetes. *The Nursing clinics of North America*, **56**(4), 527–541.
- Baah-Nyarkoh, E., Alhassan, Y., Dwomoh, A. K., & Kretchy, I. A., 2023, Medicated-related burden and adherence in patients with co-morbid type 2 diabetes mellitus and hypertension. *Heliyon*, **9**(4), e15448.
- Baghikar, S., Benitez, A., Fernandez Piñeros, P., Gao, Y., & Baig, A. A., 2019, Factors Impacting Adherence to Diabetes Medication Among Urban, Low Income Mexican-Americans with Diabetes. *Journal of Immigrant and Minority Health*, **21**(6), 1334–1341.

- Banday M.Z., Sameer A.S., Nissar S., 2020, Pathophysiology of diabetes: An overview. *Avicenna J Med.* **10**(4):174-188.
- Bellou, V., Belbasis, L., Tzoulaki, I., & Evangelou, E., 2018, Risk factors for type 2 diabetes mellitus: An exposure-wide umbrella review of meta-analyses. *PloS one*, **13**(3).
- Benrazavy, L., & Ali, K., 2019, Medication adherence and its predictors in type 2 diabetic patients referring to urban primary health care centers in kerman city, southeastern iran. *Shiraz E Medical Journal*, **20**(7).
- Bibeau, W. S., Fu, H., Taylor, A. D., & Kwan, A. Y. M., 2016, Impact of out-of-pocket pharmacy costs on branded medication adherence among patients with type 2 diabetes. *Journal of Managed Care and Specialty Pharmacy*, **22**(11), 1338–1347.
- Boshe, B. D., Yimar, G. N., Dadhi, A. E., & Bededa, W. K., 2021, The magnitude of non-adherence and contributing factors among adult outpatient with Diabetes Mellitus in Dilla University Referral Hospital, Gedio, Ethiopia. *PLoS ONE*, **16**(3 March), 1–15.
- Brundisini, F., Vanstone, M., Hulan, D., DeJean, D., & Giacomini, M., 2015, Type 2 diabetes patients' and providers' differing perspectives on medication nonadherence: A qualitative meta-synthesis. *BMC Health Services Research*, **15**(1).
- Bukhsh, A., Goh, B. H., Zimbudzi, E., Lo, C., Zoungas, S., Chan, K. G., & Khan, T. M., 2020, Type 2 Diabetes Patients' Perspectives, Experiences, and Barriers Toward Diabetes-Related Self-Care: A Qualitative Study From Pakistan. *Frontiers in endocrinology*, **11**.
- Capoccia, K., Odegard, P. S., & Letassy, N., 2016, Medication Adherence With Diabetes Medication: A Systematic Review of the Literature. *The Diabetes educator*, **42**(1), 34–71.
- Chew BH, Hassan NH, Sherina MS., 2015, Determinants of medication adherence among adults with type 2 diabetes mellitus in three Malaysian public health clinics: a cross-sectional study. *Patient Prefer Adherence*, **9**:639-48.
- Collins L, Costello R.A., 2023, Glucagon-Like Peptide-1 Receptor Agonists. *StatPearls Publishing*.

- Creswell, J. W., & Creswell, J. D., 2018, *Research design: qualitative, quantitative, and mixed methods approaches, Fifth edition*, SAGE, Los Angeles.
- Demir, S., Nawroth, P. P., Herzig, S., & Ekim Üstünel, B., 2021, Emerging Targets in Type 2 Diabetes and Diabetic Complications. *Advanced science (Weinheim, Baden-Wurtemberg, Germany)*, **8**(18).
- Denche-Zamorano Á, Mendoza-Muñoz DM, Barrios-Fernandez S, Perez-Corraliza C, Franco-García JM, Carlos-Vivas J, Pastor-Cisneros R, Mendoza-Muñoz M., 2022, Physical Activity Reduces the Risk of Developing Diabetes and Diabetes Medication Use. *Healthcare*, **10**(12):2479.
- Desiani, E., Anindhita, M. A., & Effendi, M. R., 2020, Evaluasi Farmakovigilans Obat Antidiabetes Oral pada Pasien Rawat Jalan Diabetes Mellitus Tipe II di RSUD Bendan Kota Pekalongan. *Cendekia Journal of Pharmacy*, **4**(1), 38–45.
- DiPiro, J.T., Talbert, R.L., Yee, G.C., Matzke, G. R., Wells, B. G., & Posey, L. M., 2017, *Pharmacotherapy Handbook*, 10th. Ed., McGraw Hill Education, United States of America.
- Egede, L. E., Gebregziabher, M., Echols, C., & Lynch, C. P., 2014, Longitudinal effects of medication nonadherence on glycemic control. *The Annals of pharmacotherapy*, **48**(5), 562–570.
- Ernawati, I., dan Islamiyah., W.R., 2019, Uji Validitas dan Reliabilitas Kuesioner Kepatuhan MGLS (Morisky, Green, Levine adherence Scale) Versi bahasa Indonesia Terhadap Pasien Epilepsi, *Jurnal Ibnu Sina*, **4**(2):305-313.
- Gow, K., Rashidi, A., & Whithead, L., 2023, Factors Influencing Medication Adherence Among Adults Living with Diabetes and Comorbidities: a Qualitative Systematic Review. *Current diabetes reports*, **24**(2), 19–25.
- Grant, R. W., Devita, N. G., Singer, D. E., & Meigs, J. B., 2003, Polypharmacy and medication adherence in patients with type 2 diabetes. *Diabetes Care*, **26**(5), 1408–1412.
- Haghighatpanah, M., Nejad, A. S. M., Haghighatpanah, M., Thunga, G., & Mallayasamy, S., 2018, Factors that correlate with poor glycemic

control in type 2 diabetes mellitus patients with complications. *Osong Public Health and Research Perspectives*, **9**(4), 167–174.

Hastuti D., & Alfi Rachmalia Fatimah., 2018, EVALUASI KEPATUHAN PASIEN DIABETES MELLITUS TIPE II DI PUSKESMAS KRETEK KABUPATEN BANTUL PERIODE JANUARI – MARET 2018, *Jurnal Kefarmasian Akfarindo*, 29-34.

Hayward, R. A., Reaven, P. D., Wiitala, W. L., Bahn, G. D., Reda, D. J., Ge, L., McCarren, M., Duckworth, W. C., Emanuele, N. V., & VADT Investigators, 2015, Follow-up of glycemic control and cardiovascular outcomes in type 2 diabetes. *The New England journal of medicine*, **372**(23), 2197–2206.

Heissam, K., Abuamer, Z., & El-Dahshan, N., 2015, Patterns and obstacles to oral antidiabetic medications adherence among type 2 diabetics in Ismailia, Egypt: A cross section study. *Pan African Medical Journal*, **20**, 1–7.

Huang, J., Ding, S., Xiong, S., & Liu, Z., 2021, Medication Adherence and Associated Factors in Patients With Type 2 Diabetes: A Structural Equation Model, *Frontiers in public health*, **9**, 730845.

IDF, 2021, *IDF Diabetes Atlas*, 10th. Ed., International Diabetes Federation, Belgium.

Indrahadi, D., Wardana, A., & Pierewan, A. C., 2021, The prevalence of diabetes mellitus and relationship with socioeconomic status in the Indonesian population. *Jurnal Gizi Klinik Indonesia*, **17**(3), 103.

Jarab, A. S., Almrayat, R., Alqudah, S., Thehairat, E., Mukattash, T. L., Khdour, M., & Pinto, S., 2014, Predictors of non-adherence to pharmacotherapy in patients with type 2 diabetes. *International Journal of Clinical Pharmacy*, **36**(4), 725–733.

Jasmine, N. S., Wahyuningsih, S., & Thadeus, M. S., 2020, Analisis faktor tingkat kepatuhan minum obat pasien diabetes melitus di Puskesmas Pancoran Mas periode Maret-April 2019. *Jurnal Manajemen Kesehatan Indonesia*, **8**(1), 61–66.

Jimmy, B., & Jose, J., 2011, Patient medication adherence: measures in daily practice. *Oman medical journal*, **26**(3), 155–159.

Karter, A. J., Parker, M. M., Solomon, M. D., Lyles, C. R., Adams, A. S., Moffet, H. H., & Reed, M. E., 2018, Effect of Out-of-Pocket Cost on

Medication Initiation, Adherence, and Persistence among Patients with Type 2 Diabetes: The Diabetes Study of Northern California (DISTANCE). *Health Services Research*, **53**(2), 1227–1247.

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).

Kemendes RI, 2023, *Survei Kesehatan Indonesia Tahun 2023*, Badan Kebijakan Pembangunan Kesehatan, Jakarta Pusat.

Krass, I., Schieback, P., & Dhippayom, T., 2015, Adherence to diabetes medication: a systematic review, *Diabetic medicine : a journal of the British Diabetic Association*, **32**(6), 725–737.

Laiteerapong N, Ham SA, Gao Y, Moffet HH, Liu JY, Huang ES, & Karter AJ, 2019, The Legacy Effect in Type 2 Diabetes: Impact of Early Glycemic Control on Future Complications (The Diabetes & Aging Study), *Diabetes Care*, **42**(3):416-426.

Lambrinou, E., Hansen, T. B., & Beulens, J. W., 2019, Lifestyle factors, self-management and patient empowerment in diabetes care, *European journal of preventive cardiology*, **26**(2\_suppl), 55–63.

Lemeshow, S., David W. Hosmer, Janelle Klar, Stephen K. Lwanga, 1997, *Besar sampel dalam penelitian kesehatan*, Gadjah Mada University Press, Yogyakarta.

Maddatu J, Anderson-Baucum E, Evans-Molina C., 2017, Smoking and the risk of type 2 diabetes. *Transl Res*, **184**:101-107.

Mentock, S. M., Ng, V. Y., Narayana, R., Ullal, H., Kumari, S., Badiger, S., & Shetty, A. K., 2017, Treatment-seeking behavior and obstacles to treatment adherence in diabetic patients in Mangaluru, India. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, **11**, S617–S622.

Mordarska, K., & Godziejewska-Zawada, M., 2017, Diabetes in the elderly. *Przegląd Menopauzalny*, **16**(2), 38–43.

Morisky, D. E., Green, L. W., & Levine, D. M., 1986, Concurrent and predictive validity of a self-reported measure of medication adherence, *Medical care*, **24**(1), 67–74.

- Muhammad Haskani, N. H., Goh, H. P., Wee, D. V. T., Hermansyah, A., Goh, K. W., & Ming, L. C., 2022, Medication Knowledge and Adherence in Type 2 Diabetes Mellitus Patients in Brunei Darussalam: A Pioneer Study in Brunei Darussalam. *International journal of environmental research and public health*, **19**(12), 7470.
- Muhammad, M., Farzana, Y., Alabed, A. A. A., Abdullah, B. F., & Poddar, S., 2022, Medication Adherence and Self-Management Practices among Type 2 Diabetes Mellitus Patients in Jeli District, Kelantan, Malaysia. *Kesmas*, **17**(4), 287–291.
- Muoio, D.M., & Newgard C.B., 2008, Mechanisms of disease: molecular and metabolic mechanisms of insulin resistance and beta-cell failure in type 2 diabetes. *Nat Rev Mol Cell Biol*, **9**:193-205.
- PERKENI, 2021, *Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia*, Edisi ketujuh, PB. PERKENI, Jakarta.
- PriyankaThommanduru Priyanka, T., Lekhanth, A., Revanth, A., Gopinath, C., & Chandra Babu, S., 2015, Effect of Polypharmacy on Medication Adherence in Patients with Type 2 Diabetes mellitus. *Indian Journal of Pharmacy Practice*, **8**(3), 126–132.
- Rahmawati, D. A., Widayanti, MPH., Apt., Ph.D., A. W., & Kristina, S. A., 2023, Measurement of Medication Adherence Behavior in Type 2 Diabetes Mellitus Patients Using Probabilistic Medication Adherence Scale (ProMAS). *JURNAL MANAJEMEN DAN PELAYANAN FARMASI (Journal of Management and Pharmacy Practice)*, **13**(3).
- Ramachandran A., 2014, Know the signs and symptoms of diabetes. *Indian J Med Res*, **140**(5):579-81.
- Renaldi, F. S., Sauriasari, R., Riyadina, W., & Maulida, I. B., 2023, Jaminan kesehatan nasional dan fenomena kepatuhan berobat pada pasien dengan diabetes melitus tipe 2. *Jurnal Farmasetis*, **12**(4), 413–424.
- Rezaei M, Valiee S, Tahan M, Ebtekar F, Ghanei Gheshlagh R., 2019, Barriers of medication adherence in patients with type-2 diabetes: a pilot qualitative study. *Diabetes Metab Syndr Obes*, **12**:589-599.
- Sacks, D. B., Arnold, M., Bakris, G. L., Bruns, D. E., Horvath, A. R., Lernmark, Å., Metzger, B. E., Nathan, D. M., & Kirkman, M. S., 2023, Guidelines and Recommendations for Laboratory Analysis in

the Diagnosis and Management of Diabetes Mellitus, *Diabetes care*, **46**(10), 151–199.

Saibi, Y., Romadhon, R., & Nasir, N. M., 2020, Kepatuhan Terhadap Pengobatan Pasien Diabetes Melitus Tipe 2 di Puskesmas Jakarta Timur. *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy) (e-Journal)*, **6**(1), 94–103.

Samson, S.L., 2023, American Association of Clinical Endocrinology Consensus Statement: Comprehensive Type 2 Diabetes Management Algorithm – 2023 Update, *Endocrine Practice*, **29**(5):305-340.

Setiani, L. A., Almasyhuri, A., & Hidayat, A. A., 2022, Evaluasi Kepatuhan Pasien Pada Penggunaan Obat Antidiabetik Oral Dengan Metode Pill-Count dan MMAS-8 Di Rumah Sakit PMI Kota Bogor, *Jurnal Ilmiah Ilmu Terapan Universitas Jambi*, **6**(1), 32-46.

Shahabi, N., Fakhri, Y., Aghamolaei, T., Hosseini, Z., & Homayuni, A., 2023, Socio-personal factors affecting adherence to treatment in patients with type 2 diabetes: A systematic review and meta-analysis. *Primary care diabetes*, **17**(3), 205–220.

Shakya, P., Shrestha, A., Karmacharya, B. M., Morisky, D. E., & Kulseng, B. E., 2023, Factors Associated with Medication Adherence among Patients with Type 2 Diabetes Mellitus: A Hospital-Based Cross-Sectional Study in Nepal. *International Journal of Environmental Research and Public Health*, **20**(2).

Sharma D, Goel NK, Cheema YS, & Garg K, 2023, Medication Adherence and its Predictors among Type 2 Diabetes Mellitus Patients: A Cross-Sectional Study. *Indian J Community Med*, **48**(5):781-785.

Sinha, S., & A., T., 2019, Adherence to treatment in type 2 diabetes mellitus patients receiving multiple drug therapy. *International Journal of Research in Medical Sciences*, **7**(6), 2084.

Skriver, L. K. L., Nielsen, M. W., Walther, S., Nørlev, J. D., & Hangaard, S., 2023, Factors associated with adherence or nonadherence to insulin therapy among adults with type 2 diabetes mellitus: A scoping review. *Journal of diabetes and its complications*, **37**(10).

Sugiyono, 2022, *Metode Penelitian Kualitatif*, Alfabeta, Bandung.

Suprapti, B., Izzah, Z., Anjani, A. G., Andarsari, M. R., Nilamsari, W. P., & 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**.

Swarjana, I Ketut, 2023, *Metodologi Penelitian Kesehatan: Edisi Terbaru*, Andi, Yogyakarta.

Sweeting A, Wong J, Murphy HR, Ross GP., 2022, A Clinical Update on Gestational Diabetes Mellitus, *Endocr Rev*, **43**(5):763-793.

Teklay, G., Hussien, J., & Tesfaye, D., 2013, Non-adherence and associated factors among type 2 diabetic patients at Jimma University Specialized Hospital, Southwest Ethiopia. *Journal of Medical Sciences (Faisalabad)*, **13**(7), 578–584.

Thapar, R., Holla, R., Kumar, N., Aithal, S., Karkera, S., Rao, C., Pujari, N., Zahida, A., Unnikrishnan, B., Mithra, P., Swamy, D. K., Kulkarni, V., Bhagawan, D., & Kumar, A., 2020, Factors influencing adherence to anti-diabetes medications among type 2 diabetes patients attending tertiary care hospitals in Mangaluru. *Clinical Epidemiology and Global Health*, **8**(4), 1089–1093.

Tiv, M., Viel, J. F., Mauny, F., Eschwège, E., Weill, A., Fournier, C., Fagot-Campagna, A., & Penfornis, A., 2012, Medication adherence in type 2 diabetes: The ENTRED study 2007, a French population-based study. *PLoS ONE*, **7**(3).

Urfiyya, Q. A., Kamilabanat, R. A., & Solekhah, R. F., 2025, Pharmacovigilance Study of Antidiabetic Drugs in Diabetes Mellitus Patients in Three Pharmacies in Yogyakarta. **15**(1), 15–22.

Veronika, E. N., & Veronika, E. N. (2024). The Influence of Family Support on Therapy Adherence in Diabetes Patients: A Mixed-Methods Study. **2**(3), 114–123.

World Health Organization, 2003, *Adherence to long-term therapies: evidence for action*, 3-30.

World Health Organization Regional Office for the Eastern Mediterranean, 2006, *Guidelines for the prevention, management and care of diabetes mellitus*.

Wulandari, N., Maifrianti, M., Hasanah, F., Atika, S., & Putri, R. D., 2017, Methodology Used in the Study. *Asian Journal of Pharmaceutical and Clinical Research*, **7**(10), 1–5.

- Yang GR, Yuan SY, Fu HJ, Wan G, Zhu LX, Yuan MX, Lv YJ, Zhang JD, Du XP, Li YL, Ji Y, Zhou L, & Li Y, 2015, Beijing Community Diabetes Study Group. Influence of educational attainments on long term glucose control and morbid events in patients with type 2 diabetes receiving integrated care from 15 China urban communities: The Beijing Community Diabetes Study 11. *Prim Care Diabetes*, **9**(6):473-81.
- Yan, Z., Cai, M., Han, X., Chen, Q., & Lu, H., 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), 85–93.
- Zafirah, D. N., Pristianty, L., Rahem, A., & Priyandani, Y., 2022, Relationship between family support and adherence in diabetes mellitus patients. *Pharmacy Education*, **22**(2), 267–269.
- Zairina, E., Nugraheni, G., Sulistyarini, A., Mufarrihah, Setiawan, C. D., Kripalani, S., & Lestari, S. I., 2022, Factors related to barriers and medication adherence in patients with type 2 diabetes mellitus: a cross-sectional study. *Journal of diabetes and metabolic disorders*, **21**(1), 219–228.