

DAFTAR PUSTAKA

- Akrom, A., Sari, O. M., Urbayatun, S., & Saputri, Z. (2019). Analisis Determinan Faktor-Faktor yang Berhubungan dengan Kepatuhan Minum Obat Pasien Diabetes Tipe 2 di Pelayanan Kesehatan Primer. *Jurnal Sains Farmasi & Klinis*, 6(1), 54. <https://doi.org/10.25077/jsfk.6.1.54-62.2019>
- Al-Goblan, A. S., Al-Alfi, M. A., & Khan, M. Z. (2024). *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy Dovepress Mechanism linking Diabetes Mellitus and Obesity. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy.*
- Almasdy, D., Sari, D. P., Suharti, Darwin, D., & Kurniasih, N. (2016). Evaluasi Penggunaan Obat Antidiabetik pada Pasien Diabetes Melitus Tipe-2 di Suatu Rumah Sakit Pemerintah Kota Padang - Sumatera Barat. *Jurnal Sains Farmasi & Klinis*, 2(1), 104–110.
- Alpian, M., & Mariawan Alfarizi, L. (2022). Diabetes Mellitus Tipe 2 (Dua) dan Pengobatannya: Suatu Tinjauan Literatur. *Journal of Public Health and Medical Studies*, 1(1).
- Alvarez-Jimenez, L., Morales-Palomo, F., Moreno-Cabañas, A., Ortega, J. F., & Mora-Rodríguez, R. (2023). *Effects of Statin Therapy on Glycemic Control and Insulin Resistance: A Systematic Review and Meta-Analysis. European Journal of Pharmacology*, 947. <https://doi.org/10.1016/j.ejphar.2023.175672>
- Amaliyah. (2022). Hubungan Motivasi Dengan Tingkat Kepatuhan Diet Pada Pasien Diabetes Mellitus Tipe 2 : *Literatur Review.*
- American Diabetes Association. (2023). *Standards of Medical Care in Diabetes-2023. The Journal of Clinical and Applied Research and Education, Suppl 1*, S1–S291. <https://diabetesjournals.org/care>
- Arania, R., Triwahyuni, T., Esfandiari, F., & Nugraha, F. R. (2021). Hubungan Antara Usia, Jenis Kelamin, Dan Tingkat Pendidikan Dengan Kejadian Diabetes Mellitus Di Klinik Mardi Waluyo Lampung Tengah. *Jurnal Medika Malahayati*, 5(3). <https://doi.org/10.33024/jmm.v5i3.4200>
- Bener, A., Zirrie, M., Janahi, I. M., Al-Hamaq, A. O. A. A., Musallam, M., & Wareham, N. J. (2019). *Prevalence of Diagnosed and Undiagnosed Diabetes*

- Mellitus and Its Risk Factors in A Population-Based Study of Qatar. Diabetes Research and Clinical Practice*, 84(1), 99–106.
<https://doi.org/10.1016/J.DIABRES.2009.02.003>
- Bienboire-Frosini, C., Wang, D., Marcet-Rius, M., Villanueva-García, D., Gazzano, A., Domínguez-Oliva, A., Olmos-Hernández, A., Hernández-Ávalos, I., Lezama-García, K., Verduzco-Mendoza, A., Gómez-Prado, J., & Mota-Rojas, D. (2023). *The Role of Brown Adipose Tissue and Energy Metabolism in Mammalian Thermoregulation during the Perinatal Period. In Animals (Vol. 13, Issue 13). Multidisciplinary Digital Publishing Institute (MDPI)*. <https://doi.org/10.3390/ani13132173>
- Bruckert, E., Hayem, G., Dejager, S., Yau, C., & Bégaud, B. (2015). *Mild To Moderate Muscular Symptoms With High-Dosage Statin Therapy In Hyperlipidemic Patients - The PRIMO study. Cardiovascular Drugs and Therapy*, 19(6). <https://doi.org/10.1007/s10557-005-5686-z>
- Brunton, L. L., Dandan-Hilal, R., & Knollmann, B. C. (2018). *Goodman&Gilman's The Pharmacological Basis of Therapeutics Ed 13th. McGrawHill Education*, 13.
- Chang, A. M., & Halter, J. B. (2023). *Aging and insulin secretion. American Journal of Physiology - Endocrinology and Metabolism*, 284(1 47-1). <https://doi.org/10.1152/AJPENDO.00366.2002>,
- Chaudhury, D., & Aggarwal, A. (2018). *Diabetic Dyslipidemia: Current Concepts In Pathophysiology And Management. In Journal of Clinical and Diagnostic Research (Vol. 12, Issue 1, pp. OE06–OE09). Journal of Clinical and Diagnostic Research*. <https://doi.org/10.7860/JCDR/2018/29009.11090>
- Chogtu, B. (2015). *Statin Use And Risk Of Diabetes Mellitus. World Journal of Diabetes*, 6(2). <https://doi.org/10.4239/wjd.v6.i2.352>
- Arisman, MB. (2016). *Buku Ajar Ilmu Gizi: Obesitas, Diabetes Melitus, & Dislipidemia: Konsep, teori dan penanganan aplikatif . Jakarta: EGC. In Jurnal Kesehatan Medika Saintika (Vol. 8, Issue 2)*.
- Dewi, I. P., & Merry, M. S. (2017). *Peranan Obat Golongan Statin. Berkala Ilmiah Kedokteran Duta Wacana*, 2(3). <https://doi.org/10.21460/bikdw.v2i3.75>

- Dharmastuti, A. P., & Sulistyowati, D. A. (2017). Pengaruh Pendidikan Kesehatan Terhadap Upaya Pencegahan Hipoglikemia Pada Pasien Diabetes Mellitus Di Ruang Intensive RSUD DR. Moewardi Surakarta Tahun 2016. (JKG) Jurnal Keperawatan Global, 2(1). <https://doi.org/10.37341/jkg.v2i1.25>
- Erion, K. A., & Corkey, B. E. (2017). *Hyperinsulinemia: A Cause Of Obesity? In Current Obesity Reports (Vol. 6, Issue 2)*. <https://doi.org/10.1007/s13679-017-0261-z>
- Erwinanto, Santoso, A., Putranto, J. N., Tedjasukmana, P., Suryawan, R., Rifqi, S., & Kasiman, S. (2015). Pedoman Tatalaksana Dislipidemia PERKI 2013. Jurnal Kardiologi Indonesia, 34(4). <https://doi.org/10.30701/ijc.v34i4.385>
- Fatmawati, V. (2021). Faktor Faktor Yang Mempengaruhi Gangguan Fungsional Pada Lansia Yang Mengalami Osteoarthritis Knee Di Wilayah Kerja Puskesmas Gamping 1. Jurnal Fisioterapi Dan Rehabilitasi, 5(1). <https://doi.org/10.33660/jfrwhs.v5i1.127>
- Galicia-Garcia, U., Jebari, S., Larrea-Sebal, A., Uribe, K. B., Siddiqi, H., Ostolaza, H., Benito-Vicente, A., & Martín, C. (2020). *Statin Treatment-Induced Development of Type 2 Diabetes: From Clinical Evidence to Mechanistic Insights. International Journal of Molecular Sciences*, 21(13), 4725. <https://doi.org/10.3390/IJMS21134725>
- Garcia, U. G., Benito-Vicente, A., Jebari, S., Larrea-Sebal, A., Siddiqi, H., Uribe, K. B., Ostolaza, H., & Martín, C. (2020). *Pathophysiology of Type 2 Diabetes Mellitus. In International Journal of Molecular Sciences (Vol. 21, Issue 17, pp. 1–34)*. MDPI AG. <https://doi.org/10.3390/ijms21176275>
- Garg, A. (2015). *Dyslipidemias: Pathophysiology, Evaluation And Management. In Dyslipidemias: Pathophysiology, Evaluation and Management*. <https://doi.org/10.1007/978-1-60761-424-1>
- Grundy, S. M., Stone, N. J., Bailey, A. L., Beam, C., Birtcher, K. K., Blumenthal, R. S., Braun, L. T., De Ferranti, S., Faiella-Tommasino, J., Forman, D. E., Goldberg, R., Heidenreich, P. A., Hlatky, M. A., Jones, D. W., Lloyd-Jones, D., Lopez-Pajares, N., Ndumele, C. E., Orringer, C. E., Peralta, C. A., ... Yeboah, J. (2019). AHA/ ACC/ AACVPR/ AAPA/ ABC/ ACPM/ ADA/ AGS/

- APhA/ASPC/NLA/PCNA *Guideline on the Management of Blood Cholesterol: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines*. In *Circulation* (Vol. 139, Issue 25, pp. E1082–E1143). Lippincott Williams and Wilkins. <https://doi.org/10.1161/CIR.0000000000000625>
- Guenther, M., James, R., Marks, J., Zhao, S., Szabo, A., & Kidambi, S. (2014). *Adiposity Distribution Influences Circulating Adiponectin Levels*. *Translational Research*, 164(4), 270–277. <https://doi.org/10.1016/j.trsl.2014.04.008>
- Gusti, E. K. M., Kuswinarti, K., & Dahlan, A. (2020). Persepsi Pasien DM Tipe 2 Terhadap Penggunaan Obat Antidiabetes Oral di RSUP Dr. Hasan Sadikin Bandung. *Jurnal Manajemen Dan Pelayanan Farmasi (Journal of Management and Pharmacy Practice)*, 10(1), 56. <https://doi.org/10.22146/jmpf.51856>
- Hardianto, D. (2020). Telaah Komprehensif Diabetes melitus: Klasifikasi, Gejala, Diagnosis, Pencegahan, dan Pengobatan : *Comprehensive Review of Diabetes Mellitus: Classification, Symptoms, Diagnosis, Prevention, and Treatment*. *Jurnal Bioteknologi & Biosains Indonesia*, 7(2).
- Hastuti, P. (2018). Genetika Obesitas. In *Gajah Mada University Press*.
- He, L. (2020). *Metformin and Systemic Metabolism*. *Trends in Pharmacological Sciences*, 41(11), 868–881. <https://doi.org/10.1016/J.TIPS.2020.09.001>
- Hidayatullah, M. A. N., Gayatri, S. W., Pramono, S. D., Hidayati, P. H., & Syamsu, R. F. (2022). Hubungan antara Dislipidemia dengan Diabetes Melitus Tipe 2 di Rumah Sakit Ibnu Sina Makassar. *Fakumi Medical Journal: Jurnal Mahasiswa Kedokteran*, 2(9).
- Holt, R. I. G., Cockram, C. S., Flyvbjerg, A., & Goldstein, B. J. (2017). *Textbook of Diabetes: Fourth Edition*. In *Textbook of Diabetes: Fourth Edition*. <https://doi.org/10.1002/9781444324808>
- Jia, W., Bai, T., Zeng, J., Niu, Z., Fan, D., Xu, X., Luo, M., Wang, P., Zou, Q., & Dai, X. (2021). *Combined Administration of Metformin and Atorvastatin Attenuates Diabetic Cardiomyopathy by Inhibiting Inflammation, Apoptosis,*

- and Oxidative Stress in Type 2 Diabetic Mice. Frontiers in Cell and Developmental Biology*, 9. <https://doi.org/10.3389/fcell.2021.634900>
- Jung, C. H., Son, J. W., Kang, S., Kim, W. J., Kim, H. S., Kim, H. S., Seo, M., Shin, H. J., Lee, S. S., Jeong, S. J., Cho, Y., Han, S. J., Jang, H. M., Rho, M., Lee, S., Koo, M., Yoo, B., Moon, J. W., Lee, H. Y., ... Yoon, K. H. (2021). *Diabetes fact sheets in Korea, 2020: An appraisal of current status. Diabetes and Metabolism Journal*, 45(1). <https://doi.org/10.4093/DMJ.2020.0254>
- Kalam, M. N., Shah, S. N. H., Rasool, M. F., Majeed, A., Ahmed, N., & Saqlain, M. (2021). *Prevalence of musculoskeletal complications of type-2 diabetes mellitus in population of southern Punjab, Pakistan. International Journal of Diabetes in Developing Countries*, 41(1). <https://doi.org/10.1007/s13410-020-00854-z>
- Kemenkes RI. (2023). Ditjen P2P Laporan Kinerja Semester I Tahun 2023.
- Klein, S., Gastaldelli, A., Yki-Järvinen, H., & Scherer, P. E. (2022). *Why does obesity cause diabetes? Cell Metabolism*, 34(1), 11–20. <https://doi.org/10.1016/j.cmet.2021.12.012>
- Koh, K. K., Quon, M. J., Han, S. H., Lee, Y., Kim, S. J., & Shin, E. K. (2021). *Atorvastatin Causes Insulin Resistance and Increases Ambient Glycemia in Hypercholesterolemic Patients. Journal of the American College of Cardiology*, 55(12), 1209. <https://doi.org/10.1016/J.JACC.2009.10.053>
- Krauss, R. M. (2024). *Lipids And Lipoproteins In Patients With Type 2 Diabetes. In Diabetes Care (Vol. 27, Issue 6)*. <https://doi.org/10.2337/diacare.27.6.1496>
- Lamoia, T. E., & Shulman, G. I. (2021). *Cellular and Molecular Mechanisms of Metformin Action. In Endocrine Reviews (Vol. 42, Issue 1)*. <https://doi.org/10.1210/endrev/bnaa023>
- Latif, W. D., Aswad, M., & Bahar, Muh. A. (2022). Perbandingan Efektivitas Klinik Simvastatin dan Atorvastatin Terhadap Profil Lipid Darah: Studi Kasus di Rumah Sakit Universitas Hasanuddin. *Jurnal Sains Farmasi & Klinis*, 9(1). <https://doi.org/10.25077/jsfk.9.1.34-41.2022>

- Lennernas, H. (2023). *Clinical Pharmacokinetics of Atorvastatin*. In *Clinical Pharmacokinetics* (Vol. 42, Issue 13). <https://doi.org/10.2165/00003088-200342130-00005>
- Listriyani, A. S., Sandya, F., Handayani, M. I., & Leftungun, S. Y. (2023). Analisis Risiko dan Perilaku Pencegahan Penyakit DM Tipe 2 pada Usia Produktif di Wilayah Kerja UPTD Puskesmas Depok Jaya Tahun 2022. *Journal of Public Health Education*, Vol. 02, No. 02(2), 282–286. <https://doi.org/10.53801/jphe.v2i2.107>
- Liu, Y., Wang, C., Wei, M., Yang, G., & Yuan, L. (2021). *Multifaceted Roles of Adipose Tissue-Derived Exosomes in Physiological and Pathological Conditions*. In *Frontiers in Physiology* (Vol. 12). Frontiers Media S.A. <https://doi.org/10.3389/fphys.2021.669429>
- Loresnia, A., & Diputra, N. Y. (2024). *Triglyceride Reduction with Omega-3 Supplements in Dyslipidemic Patients*. In *Indonesian Journal of Pharmaceutical Science and Technology Journal Homepage* (Issue 2). <http://jurnal.unpad.ac.id/ijpst/>
- Mamonto, M., Sumampouw, J. E., & Walalangi, R. G. M. (2022). Kadar Low Density Lipoprotein (LDL) Dalam Darah pada Mahasiswa Poltekkes Manado Dengan Kondisi Obesitas. *Indonesian Journal of Medical Laboratory Technology*, 1(2), 51–56.
- Marcusa, D. P., Giugliano, R. P., Park, J. G., De Lemos, J. A., Cannon, C. P., & Sabatine, M. S. (2021). *Association of Baseline Low-Density Lipoprotein Cholesterol and Percentage Low-Density Lipoprotein Cholesterol Reduction with Statins, Ezetimibe, and PCSK9 Inhibition*. *JAMA Cardiology*, 6(5). <https://doi.org/10.1001/jamacardio.2020.6184>
- Maria Floranty, K. (2023). *Asuhan Keperawatan Pada Pasien Diabetes Mellitus Tipe II Di RSUD Abdul Wahab Sjahranie Samarinda*.
- McPherson, R., Adreak, N., & Sharma, A. (2024). *Medications for Lipid Control: Statins vs Newer Drugs*. *Canadian Journal of Cardiology*, 40(8), S26–S34. <https://doi.org/10.1016/j.cjca.2024.05.004>

- Minanga, E. P. (2019). Hubungan Tingkat Pengetahuan dan Ketepatan Penggunaan Obat Simvastatin Pada Pasien Hiperkolesterolemia Di Apotek KotaMalang.
- Naito, R., Miyauchi, K., & Daida, H. (2017). *Racial Differences In The Cholesterol-Lowering Effect Of Statin*. In *Journal of Atherosclerosis and Thrombosis* (Vol. 24, Issue 1). <https://doi.org/10.5551/jat.RV16004>
- Nur, A. P., Agustine, F., Dhiya, R., Indallah, A., Putra, S. M., Bachtiar, T. O., Alawiyah, T., Prameswari, A., & Astuti, K. (2024). Pengaruh Pendidikan Kesehatan Penyakit Diabetes Melitus Pada Lansia Terhadap Pencegahan Diabetes Melitus. In *Bina Sehat Masyarakat* (Vol. 4, Issue 1).
- Nur Aini, A., Juwita, R., & Melani MS, E. (2022). Perbandingan Hasil Pemeriksaan Glukosa Darah Menggunakan Metode GOD-PAP dan Metode Strip Dilaboratorium Klinik Harapan Sehat Cianjur. *Cerdika: Jurnal Ilmiah Indonesia*, 2(2). <https://doi.org/10.36418/cerdika.v2i2.340>
- Park, J., Tang, S., Mendez, I., Barrett, C., Danielson, M. L., Bitsko, R. H., Holliday, C., & Bullard, K. M. K. (2023). *Prevalence Of Diagnosed Depression, Anxiety, And ADHD Among Youth With Type 1 Or Type 2 Diabetes Mellitus. Primary Care Diabetes*, 17(6). <https://doi.org/10.1016/j.pcd.2023.09.004>
- Perkeni. (2021). *Panduan Pengelolaan Dislipidemia Di Indonesia-2021* (1st ed.). PB Perkeni.
- Perkeni. (2021). *Pedoman Pengelolaan Dan Pencegahan Diabetes Melitus Tipe 2 Dewasa Di Indonesia-2021*.
- Petrie, J. R., Guzik, T. J., & Touyz, R. M. (2018). *Diabetes, Hypertension, and Cardiovascular Disease: Clinical Insights and Vascular Mechanisms*. In *Canadian Journal of Cardiology* (Vol. 34, Issue 5, pp. 575–584). Elsevier Inc. <https://doi.org/10.1016/j.cjca.2017.12.005>
- Pradipta, S., Wibowo, H., Harbuwono, D. S., Rahajeng, E., Larasati, R. A., & Kartika, R. (2020). *Distribution patterns and risk Factors of Dyslipidemia in Patients With Type 2 Diabetes Mellitus: A Cross-Sectional Study in Bogor, Indonesia*. *International Journal of Applied Pharmaceutics*, 12(Special Issue 1). <https://doi.org/10.22159/ijap.2020.v12s1.24045>

- Rena, G., Hardie, D. G., & Pearson, E. R. (2017). *The Mechanisms Of Action Of Metformin*. In *Diabetologia* (Vol. 60, Issue 9). <https://doi.org/10.1007/s00125-017-4342-z>
- Riskesdas. (2018). Laporan Kesehatan Riskesdas 2018.
- Roglic, Gojka. (2016). *Global Report On Diabetes*. World Health Organization.
- Rohm, T. V., Meier, D. T., Olefsky, J. M., & Donath, M. Y. (2022). *Inflammation In Obesity, Diabetes, And Related Disorders*. *Immunity*, 55(1), 31–55. <https://doi.org/10.1016/j.immuni.2021.12.013>
- Sani, F. N., Widiastuti, A., Ulkhasanah, M. E., & Amin, N. A. (2023). Gambaran Kualitas Hidup pada Pasien Diabetes Melitus. *Jurnal Penelitian Perawat Profesional*, 5(3).
- Sari, T., Satyo, Y. T., Mashadi, F. J., & Destra, E. (2024). Penelusuran Profil Kadar Gula Darah Sewaktu pada Pria dan Wanita Usia Produktif di SMA Kalam Kudus II, Duri Kosambi, Jakarta. *Jurnal Suara Pengabdian*, 45(2), 15–24. <https://doi.org/10.56444/pengabdian45.v3i1.1630>
- Schachter, M. (20015). *Chemical, pharmacokinetic and pharmacodynamic properties of statins: An update*. In *Fundamental and Clinical Pharmacology* (Vol. 19, Issue 1, pp. 117–125). <https://doi.org/10.1111/j.1472-8206.2004.00299.x>
- Schwartz, S. S., Epstein, S., Corkey, B. E., Grant, S. F. A., Gavin, J. R., Aguilar, R. B., & Herman, M. E. (2017). *A Unified Pathophysiological Construct of Diabetes and its Complications*. *Trends in Endocrinology & Metabolism*, 28(9), 645–655. <https://doi.org/10.1016/J.TEM.2017.05.005>
- Setyawati, A. D., Ngo, T. H. L., Padila, P., & Andri, J. (2020). *Obesity and Heredity for Diabetes Mellitus among Elderly*. *JOSING: Journal of Nursing and Health*, 1(1), 26–31. <https://doi.org/10.31539/josing.v1i1.1149>
- Sherwani, S. I., Khan, H. A., Ekhzaimy, A., Masood, A., & Sakharkar, M. K. (2016). *Significance of HbA1c Test in Diagnosis and Prognosis of Diabetic Patients*. In *Biomarker Insights* (Vol. 11, pp. 95–104). *Libertas Academica Ltd*. <https://doi.org/10.4137/Bmi.s38440>

- Thompson, P. D., Panza, G., Zaleski, A., & Taylor, B. (2016). *Statin-Associated Side Effects. Journal of the American College of Cardiology*, 67(20).
- Trisnawati, S. (2023). Faktor Risiko Kejadian Diabetes Melitus Tipe II Di Puskesmas Kecamatan Cengkareng Jakarta Barat. *Jurnal Ilmiah Kesehatan*, 5(1).
- Utary, A., Mahmud, N. U., & Septiyanti. (2023). Faktor Yang Berhubungan Dengan Komplikasi Diabetes Mellitus Di Rumah Sakit Dr. Tadjuddin Chalid. *Window of Public Health Journal*, 4(5).
- Van Stee, M. F., de Graaf, A. A., & Groen, A. K. (2018). *Actions of metformin and statins on Lipid and Glucose Metabolism and Possible Benefit of Combination Therapy. Cardiovascular Diabetology*, 17(94). <https://doi.org/10.1186/s12933-018-0738-4>
- Wu, T. E., Su, Y. W., & Chen, H. S. (2022). *Mean HbA1c and HbA1c Variability are Associated With Differing Diabetes-Related Complications in Patients With Type 2 Diabetes Mellitus. Diabetes Research and Clinical Practice*, 192. <https://doi.org/10.1016/j.diabres.2022.110069>
- Yuniarti, T., Nasrul Sani, F., Angel Threesilia, E., & Duta Bangsa, U. (2023). Pola Makan Tidak Terkontrol Sebagai Salah Satu Pemicu Penyakit Degeneratif Di Indonesia. *Prosiding Seminar Informasi Kesehatan Nasional (SIKESNAS)*, 378–383.
- Zhang, W., Xu, M., Feng, Y., Mao, Z., & Yan, Z. (2024). *The Effect of Procrastination on Physical Exercise among College Students—The Chain Effect of Exercise Commitment and Action Control. International Journal of Mental Health Promotion*, 26(8), 611–622. <https://doi.org/10.32604/ijmhp.2024.052730>
- Zhu, L., Liu, Y., Zhang, W., Zhang, Z., Zhou, L., Zhang, H., Zhang, Y., Liu, F., Liu, P., Liu, Z., & Wang, J. (2020). *Higher Baseline Lipid Levels Amplify the Benefit of Secondary Prevention Therapy With Statins in Chinese Patients With Acute Coronary Syndrome. Journal of International Medical Research*, 48(11). <https://doi.org/10.1177/0300060520965848>