

DAFTAR PUSTAKA

1. Federation ID. IDF Diabetes Atlas 10th edition 2021. 2021.
2. Suprpto S, Iqbal C, Nur QM, Keperawatan PS, Karsa PS, Studi P, et al. Optimalisasi kesehatan masyarakat melalui penyuluhan tentang diabetes mellitus. J Pengabd Masy Edukasi Indones (JPMEI) [Internet]. 2024;1:1–8. Available from: <https://jurnal.edi.or.id/index.php/JPMEI>
3. Forouhi NG, Wareham NJ. Epidemiology of diabetes. Med (United Kingdom) [Internet]. 2019;47(1):22–7. Available from: <https://doi.org/10.1016/j.mpmed.2018.10.004>
4. Irwansyah I, Kasim ISK. Early Detection of Diabetes Mellitus Risk in Stikes Megarezky Makassar Teaching Staff. Juni [Internet]. 2020;11(1):540–7. Available from: <https://akper-sandikarsa.e-journal.id/JIKSH>
5. Meryta A, Fidia F, Swity A. Penggunaan Antidiabetik Oral pada Pasien Diabetes Melitus Tipe II di Instalasi Farmasi Rumah Sakir Pinna Bekasi. J Farm IKIFA. 2023;2(1).
6. Suprayitna M, Hajri Z, Fatmawati BR, Prihatin K, Nadrati B. Deteksi Dini Diabetes Mellitus (DM) Melalui “Mawas DM.” BERNAS J Pengabd Kpd Masy. 2023;4(3):2291–6.
7. Hazni R, Gustiawan R, Zulfian Z, Lestari SMP, Arania R, Sudiadnyani NP. Penyuluhan Diabetes Mellitus Di Puskesmas Brebes. J Kreat Pengabd Kpd Masy. 2021;4(1):181–7.
8. Alhidayati, Rasyid Z, Syukaisih, Vita Gloria C, Lestari T. Community Service through Health Education and Diabetes Mellitus Exercise in the DM Community at the Hospital. Prof. Dr. Tabrani Pekanbaru City. ARSY Apl Ris Kpd Masy [Internet]. 2021;1(2):142–8. Available from: <http://journal.almatani.com/index.php/arsy,doi:xxx>
9. (PERKENI) PEI. Pedoman Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia 2021 [Internet]. PB PERKENI. 2021. 46 p. Available from: www.ginasthma.org.
10. World Health Organization (WHO). Diabetes [Internet]. 2023. Available from: <https://www.who.int/news-room/fact-sheets/detail/diabetes>
11. Kementerian Kesehatan Republik Indonesia. Survei Kesehatan Indonesia (SKI). 2023;
12. Kementerian Kesehatan Republik Indonesia. Laporan Riskesdas 2018 Nasional.pdf. 2018.
13. Kementerian Kesehatan Republik Indonesia. Riset Kesehatan Dasar 2013. 2013.

14. Dinkes Provinsi Jambi. Profil Kesehatan Provinsi Jambi. *J Chem Inf Model*. 2022;192.
15. P2PTM Kemenkes RI. Indikator Renstra Kemenkes (P2PTM) 2020-2024 [Internet]. 2020. Available from: <https://p2ptm.kemkes.go.id/profil-p2ptm/latar-belakang/indikator-renstra-kemenkes-p2ptm-2020-2024>
16. Center for Disease Control and Prevention. National Diabetes Statistics Report [Internet]. 2024. Available from: <https://www.cdc.gov/diabetes/php/data-research/index.html>
17. Salasa RA, Rahman H, Andiani A. Faktor Risiko Diabetes Mellitus Tipe 2 Pada Populasi Asia: A systematic Review. *J Biosainstek*. 2019;1(01):95–107.
18. Imelda SI. Faktor-Faktor Yang Mempengaruhi Terjadinya diabetes Melitus di Puskesmas Harapan Raya Tahun 2018. *Sci J*. 2019;8(1):28–39.
19. Tarekegne FE, Padyab M, Schröders J, Williams JS. Sociodemographic and behavioral characteristics associated with selfreported diagnosed diabetes mellitus in adults aged 50+ years in Ghana and South Africa: Results from the WHOSAGE wave 1. *BMJ Open Diabetes Res Care*. 2018;6(1):1–11.
20. Susilawati S, Rahmawati R. Hubungan Usia, Jenis Kelamin dan Hipertensi dengan Kejadian Diabetes Mellitus Tipe 2 di Puskesmas Tugu Kecamatan Cimanggis Kota Depok Tahun 2019. *ARKESMAS (Arsip Kesehat Masyarakat)*. 2021;6(1):15–22.
21. Talukder A, Hossain MZ. Prevalence of Diabetes Mellitus and Its Associated Factors in Bangladesh: Application of Two-level Logistic Regression Model. *Sci Rep* [Internet]. 2020;10(1):1–7. Available from: <http://dx.doi.org/10.1038/s41598-020-66084-9>
22. Alifu WOR, Andriani R, Ode W. Faktor- Faktor Yang Berhubungan dengan Kejadian Diabetes Melitus di Wilayah Kerja Puskesmas Sampolawa Kabupaten Buton Selatan. *Kampurui J Kesehat Masy (The J Public Heal)*. 2020;2(2):6–12.
23. Arania R, Triwahyuni T, Prasetya T, Cahyani SD. Hubungan Antara Pekerjaan Dan Aktivitas Fisik Dengan Kejadian Diabetes Mellitus Di Klinik Mardi Waluyo Kabupaten Lampung Tengah. *J Med Malahayati*. 2021;5(3):163–9.
24. Marianda R, Lastri S, Santi TD. Faktor-Faktor Yang Berhubungan Dengan Kejadian Diabetes Melitus Pada Usia Middle (45-59) Di Wilayah Kerja Puskesmas Indrapuri Kecamatan Indrapuri Tahun 2022. *J Kesehat Tambusai*. 2023;4(2):1767–74.
25. Yusnanda F, Rochadi RK, Maas LT. Pengaruh Riwayat Keturunan terhadap

- Kejadian Diabetes Mellitus pada Pra Lansia di BLUD RSUD Meuraxa Kota Banda Aceh Tahun 2017. *J Healthc Technol Med.* 2019;4(1):18.
26. Siregar SD, Sembiring FED. Hubungan Faktor-Faktor Pola Hidup dengan Kejadian Diabetes Mellitus di Puskesmas Sawit Seberang Kabupaten Langkat. *Innov J Soc ...* [Internet]. 2023;3(Dm):4580–92. Available from: <http://j-innovative.org/index.php/Innovative/article/view/5415>
 27. Masi G, Oroh W. Hubungan Obesitas dengan Kejadian Diabetes Melitus di Wilayah Kerja Puskesmas Ranomut Kota Manado. *e-journal Keperawatan.* 2018;6(1):1–6.
 28. Kartika Irnayanti D, Bantas K. Hubungan Antara Merokok Dengan Diabetes Mellitus Berdasarkan Indeks Massa Tubuh (Analisis Data Ifls 5). *J Heal Sains.* 2021;2(4):459–70.
 29. Mirna E, Agus S, Asbiran N, Studi Magister Kesehatan Masyarakat Universitas Fort De Kock Bukittinggi P. Analisis Determinan Diabetes Melitus Tipe Ii Pada Usia Produktif Di Kecamatan Lengayang Pesisir Selatan. *J Public Heal.* 2020;7(1):30–42.
 30. World Health Organization (WHO). ICD-10 Version:2019 [Internet]. 2019. Available from: <https://icd.who.int/browse10/2019/en>
 31. Waris L. Kencing Manis (Diabetes Mellitus) di Sulawesi Selatan. Yayasan Pustaka Obor Indones. 2015;
 32. WHO. Global Report on Diabetes. Isbn. 2016;978(April):6–86.
 33. World Health Organization (WHO). Classification of diabetes mellitus. 2019.
 34. Elsayed NA, Aleppo G, Aroda VR, Bannuru RR, Brown FM, Bruemmer D, et al. 2. Classification and Diagnosis of Diabetes: Standards of Care in Diabetes—2023. *Diabetes Care.* 2023;46(January):S19–40.
 35. Sneha N, Gangil T. Analysis of diabetes mellitus for early prediction using optimal features selection. *J Big Data* [Internet]. 2019;6(1). Available from: <https://doi.org/10.1186/s40537-019-0175-6>
 36. Davies MJ, Aroda VR, Collins BS, Gabbay RA, Green J, Maruthur NM, et al. Management of hyperglycaemia in type 2 diabetes, 2022. A consensus report by the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). *Diabetologia.* 2022;65(12):1925–66.
 37. Roden M, Shulman GI. The integrative biology of type 2 diabetes. *Nature* [Internet]. 2019;576(7785):51–60. Available from: <http://dx.doi.org/10.1038/s41586-019-1797-8>

38. Galicia-garcia U, Benito-vicente A, Jebari S, Larrea-sebal A. Pathophysiology of Type 2 Diabetes Mellitus. *Int J Mol Sci.* 2020;1–34.
39. Banday MZ, Sameer AS, Nissar S. Pathophysiology of diabetes: An overview. *Avicenna J Med.* 2020;10(04):174–88.
40. Kleinwechter H, Schäfer-Graf U, Bühner C, Hoesli I, Kainer F, Kautzky-Willer A, et al. Gestationsdiabetes mellitus (GDM) –Diagnostik, Therapie und Nachsorge , , Diabetol und Stoffwechsel. 2018;12(S 02):S218–32.
41. Rebekah Gospin, James P.Leu, and Joel Zonszein, Poretsky L. Principles of Diabetes Mellitus. *Principles of diabetes mellitus* (3rd ed.). 2017. 123–158 p.
42. Lestari, Zulkarnain, Sijid, Aisyah S. Diabetes Melitus: Review Etiologi, Patofisiologi, Gejala, Penyebab, Cara Pemeriksaan, Cara Pengobatan dan Cara Pencegahan. *UIN Alauddin Makassar [Internet].* 2021;1(2):237–41. Available from: <http://journal.uin-alauddin.ac.id/index.php/psb>
43. Hill MA, Yang Y, Zhang L, Sun Z, Jia G, Parrish AR, et al. Insulin resistance, cardiovascular stiffening and cardiovascular disease. *Metabolism [Internet].* 2021;119:154766. Available from: <https://doi.org/10.1016/j.metabol.2021.154766>
44. American Diabetes Association. Definition and description of diabetes mellitus. *Diabetes Care.* 2006;31:55–60.
45. Anjali D Deshpande, Marcie Harris-Hayes MS. Epidemiology of Diabetes and Diabetes-Related Complications. 2008;88(11).
46. Pauline M. Camacho, Hossein Gharib GWS. Evidence-Based Endocrinology. 2012.
47. Michael S. Kappy, David B. Allen MEG. *Pediatric Practice Endocrinology.* 2010.
48. America Diabetes Associaation. Diabetes Symptoms and Tests. *Clin Diabetes.* 2020;38(1):199.
49. World Health Organization (WHO). Diabetes Prevention [Internet]. 2024. Available from: https://www.who.int/health-topics/diabetes?gad_source=1&gclid=CjwKCAjw9eO3BhBNEiwAoc0-jS1K6tg4h0A0gyZEateBNxaBi1-QH8-_o1MLXC4OtQJfeHdI-KMzdhoC930QAvD_BwE#tab=tab_3
50. Sembiring SB. Analisis Dinamika Sosio-Demografi sebagai Acuan untuk Mewujudkan Rencana Pemindahan Ibu Kota Negara yang Smart, Green, Beautiful dan Sustainable. *Bappenas Work Pap.* 2022;5(1):120–37.
51. Making DK, Detha AIR, Lada CO, Roga AU, Manurung IFE. Analisis

- Faktor Risiko Diabetes Melitus Tipe 2 pada Penduduk di Wilayah Kerja Puskesmas Waepana dan Riung di Kabupaten Ngada Tahun 2023. *Indones Nurs J Educ Clin*. 2023;3(4):259–78.
52. World Health Organization (WHO). *World Health Statistics 2020: Monitoring Health for the SDGs Sustainable Development Goals*. Vol. 21. 2020. 1–9 p.
 53. Indrahadi D, Wardana A, Pierewan AC. The prevalence of diabetes mellitus and relationship with socioeconomic status in the Indonesian population. *J Gizi Klin Indones*. 2021;17(3):103.
 54. Alfaqeeh M, Alfian SD, Abdulah R. Factors associated with diabetes mellitus among adults: Findings from the Indonesian Family Life Survey-5. *Endocr Metab Sci [Internet]*. 2024;14(March):100161. Available from: <https://doi.org/10.1016/j.endmts.2024.100161>
 55. Kabosu RAS, Adu AA, Hinga IAT. Faktor Risiko Kejadian Diabetes Melitus Tipe Dua di RS Bhayangkara Kota Kupang. *Timorese J Public Heal*. 2019;1(1):11–20.
 56. Resti Arania, Tusy Triwahyuni, Firhat Esfandiari FRN. Hubungan antara Usia, Jenis Kelamin, dan Tingkat Pendidikan dengan Kejadian Diabetes Mellitus Di Klinik Mardi Waluyo Lampung Tengah. *J Med Malahayat*. 2021;5(3).
 57. Hill-Briggs F, Adler NE, Berkowitz SA, Chin MH, Gary-Webb TL, Navas-Acien A, et al. Social determinants of health and diabetes: A scientific review. *Diabetes Care*. 2021;44(1):258–79.
 58. Varanka-Ruuska T, Rautio N, Lehtiniemi H, Miettunen J, Keinänen-Kiukaanniemi S, Sebert S, et al. The association of unemployment with glucose metabolism: a systematic review and meta-analysis. *Int J Public Health*. 2018;63(4):435–46.
 59. Kemenkes RI. Epidemi obesitas [Internet]. *Jurnal Kesehatan*. 2018. p. 1–8. Available from: <http://www.p2ptm.kemkes.go.id/dokumen-ptm/factsheet-obesitas-kit-informasi-obesitas>
 60. Nugroho PS, Wijayanti AC. Indeks Masa Tubuh Dan Kaitannya Dengan Diabetes Melitus Pada Umur > 15 Tahun Di Indonesia, Studi Data Survei Kehidupan Keluarga Indonesia V. *J Publ Kesehat Masy Indones*. 2018;5(1):12.
 61. Resti HY, Cahyati WH. Kejadian Diabetes Melitus Pada Usia Produktif Di Puskesmas Kecamatan Pasar Rebo. *Higeia J Public Heal Res Dev [Internet]*. 2022;6(3):350–61. Available from: <http://journal.unnes.ac.id/sju/index.php/higeia>

62. P2PTM Kemenkes RI. Apa itu Hipertensi (Tekanan Darah Tinggi)? [Internet]. 2020. Available from: [https://p2ptm.kemkes.go.id/infographic/apa-itu-hipertensi-tekanan-darah-tinggi#:~:text=Hipertensi atau tekanan darah tinggi,darah diastolik \$\geq\$ 90 mmHg](https://p2ptm.kemkes.go.id/infographic/apa-itu-hipertensi-tekanan-darah-tinggi#:~:text=Hipertensi atau tekanan darah tinggi,darah diastolik ≥90 mmHg).
63. Ayutthaya SS, Adnan N. Faktor Risiko Hipertensi pada Penderita Diabetes Mellitus Tipe 2. *J Ilmu Kesehat Masy*. 2020;9(02):60–71.
64. P2PTM Kemenkes RI. Klasifikasi Hipertensi [Internet]. 2018. Available from: <https://p2ptm.kemkes.go.id/infographic-p2ptm/hipertensi-penyakit-jantung-dan-pembuluh-darah/page/28/klasifikasi-hipertensi>
65. Tsimihodimos V, Gonzalez-Villalpando C, Meigs JB, Ferrannini E. Hypertension and Diabetes Mellitus Coprediction and Time Trajectories. *Hypertension*. 2018;71(3):422–8.
66. Jia G, Sowers JR. Hypertension in Diabetes: An Update of Basic Mechanisms and Clinical Disease. *Hypertension*. 2021;78(5):1197–205.
67. Sowers JR. Diabetes mellitus and vascular disease. *Hypertension*. 2013;61(5):943–7.
68. Fradina B, Nugroho purwo setiyo. Hubungan Riwayat Keluarga Diabetes Melitus dan Riwayat Hipertensi dengan Kejadian Diabetes Melitus di Wilayah Kerja Puskesmas Palaran Samarinda Tahun 2019. *Borneo Student Res*. 2020;1(3):1948–53.
69. Irayani SP. Hubungan Riwayat Keluarga, Aktivitas Fisik, dan Pola Makan terhadap Kejadian Diabetes Melitus. *J Public Heal Educ*. 2024;3(4):145–52.
70. Sudrajat A, Romadhona M, Manurung S, Suratun S, Yarden N, Lusiani D, et al. Relationship between family history, diet and sedentary behavior with the incidence of diabetes mellitus. *Asian J Dent Heal Sci*. 2023;3(2):26–31.
71. Peraturan Pemerintah Republik Indonesia. Peraturan Pemerintah Republik Indonesia Nomor 109 Tahun 2012 tentang Pengamanan Bahan yang Mengandung Zat Adiktif berupa Produk Tembakau bagi Kesehatan. 2012;
72. Fitriyah CN, Herdiani N. Konsumsi Gula dan Kebiasaan Merokok dengan Kejadian Diabetes Melitus di Puskesmas Gading Surabaya. *Jik J Ilmu Kesehat*. 2022;6(2):467.
73. Akter S, Goto A, Mizoue T. Smoking and the risk of type 2 diabetes in Japan: A systematic review and meta-analysis. *J Epidemiol* [Internet]. 2017;27(12):553–61. Available from: <https://doi.org/10.1016/j.je.2016.12.017>
74. Kim SJ, Kim DJ. Alcoholism and diabetes mellitus. *Diabetes Metab J*.

2012;36(2):108–15.

75. Wu X, Liu X, Liao W, Kang N, Dong X, Abdulai T, et al. Prevalence and characteristics of alcohol consumption and risk of type 2 diabetes mellitus in rural China. *BMC Public Health*. 2021;21(1):1–10.
76. Holst C, Becker U, Jørgensen ME, Grønbaek M, Tolstrup JS. Alcohol drinking patterns and risk of diabetes: a cohort study of 70,551 men and women from the general Danish population. *Diabetologia*. 2017;60(10):1941–50.
77. Gustini, Wartana IK, Cindrayana RS. Hubungan Pola Diet dan Aktivitas Fisik dengan Hiperglikemia pada Pasien Diabetes Melitus di Desa Tinggede. *J Kesmas Untika Luwuk Public Helath J*. 2022;13(1):20–6.
78. Tarmizi M, Siregar FA. Hubungan faktor metabolik dan konsumsi makanan minuman manis dengan kadar gula darah pada usia 30-60 tahun di Puskesmas Simalingkar. *Trop Public Heal J*. 2024;4(1):27–34.
79. Sundana MJ, Simanjuntak SM. Ketaatan Penerapan Pola Makan dan Olahraga terhadap Gula Darah Puasa. *J Sk Keperawatan [Internet]*. 2023;9(1):11–20. Available from: <https://jurnal.unai.edu/index.php/jsk/article/view/3096%0Ahttps://jurnal.unai.edu/index.php/jsk/article/download/3096/2196>
80. Listiani RY, Ayubi D. Faktor Risiko Konsumsi Minuman Manis Terhadap Kejadian Diabetes Melitus Tipe 2 di Era Gaya Hidup Modern pada Usia Muda Literature Review. 2024;7(1):563–9.
81. Milita F, Handayani S, Setiaji B. Kejadian Diabetes Mellitus Tipe II pada Lanjut Usia di Indonesia (Analisis Riskesdas 2018). *J Kedokt dan Kesehat*. 2021;17(1):9.
82. Astuti IDW, Maryanto S, Pontang GS. The correlation between consumption of sweetened beverages and physical activities with incidence of diabetes mellitus in 30-50 years old at Nyatnyono Village Semarang Regency. *J Gizi dan Kesehat*. 2018;10(24):132–41.
83. Shin S, Kim SA, Ha J, Lim K. Sugar-sweetened beverage consumption in relation to obesity and metabolic syndrome among Korean adults: A cross-sectional study from the 2012–2016 Korean national health and nutrition examination survey (KNHANES). *Nutrients*. 2018;10(10).
84. Safitri AN, Kusumawati D, Muhlishoh A, Avianty S. Association between Fat Intake, Dietary Fiber Intake, Physical Activity with Triglyceride Levels among Type 2 Diabetes Mellitus Patients at Grogol Health Center, Sukoharjo. *Amerta Nutr*. 2024;8(1 Special Issue):55–60.
85. Azkia FI, Miko Wahyono TY. Hubungan Pola Konsumsi Makanan Berisiko

- dengan Obesitas Sentral Pada Wanita Usia 25-65 Tahun di Bogor Tahun 2011-2012. *J Epidemiol Kesehat Indones*. 2019;2(1).
86. Purnama A, Sari N. Aktivitas Fisik dan Hubungannya dengan Kejadian Diabetes Mellitus. *Wind Heal J Kesehat*. 2019;2(4):368–81.
 87. ANRI A. Pengaruh Indeks Massa Tubuh, Pola Makan, Dan Aktivitas Fisik Terhadap Kejadian Diabetes Melitus Tipe 2. *J Nurs Public Heal*. 2022;10(1):7–13.
 88. Grundlingh N, Zewotir TT, Roberts DJ, Manda S. Assessment of prevalence and risk factors of diabetes and pre-diabetes in South Africa. *J Heal Popul Nutr* [Internet]. 2022;41(1):1–13. Available from: <https://doi.org/10.1186/s41043-022-00281-2>
 89. Denova-Gutiérrez E, Vargas-Chanes D, Hernández S, Muñoz-Aguirre P, Napier D, Barquera S. Linking socioeconomic inequalities and type 2 diabetes through obesity and lifestyle factors among Mexican adults: a structural equations modeling approach. *Salud Publica Mex*. 2020;62(2):192–202.
 90. Giday T, Aseffa H, Kidanemariam A. Assessment of the common risk factors associated with type 2 diabetes mellitus in jeddah. *Int J Pharm Biol Sci Fundam*. 2014;07(01).
 91. Mengiste M, Ahmed MH, Bogale A, Yilma T. Information-seeking behavior and its associated factors among patients with diabetes in a resource-limited country: A cross-sectional study. *Diabetes, Metab Syndr Obes*. 2021;14:2155–66.
 92. Sami W, Ansari T, Butt NS, Rashid M, Hamid A. Effect Of Diet Counseling on Type 2 Diabetes Mellitus: A Review. *Int J Health Sci (Qassim)* [Internet]. 2017;11(2):65–71. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5426415/pdf/IJHS-11-65.pdf>
 93. Akbar H. Pengantar Epidemiologi. Atif NF, editor. Bandung: Refika Aditama; 2018.
 94. Nugroho PS, Sari Y. HubunganTingkat Pendidikan dan Usiadengan Kejadian HipertensidiWilayah Kerja Puskesmas Palaran Tahun 2019. *J Dunia Kesmas*. 2020;8(4):1–5.
 95. Akter S, Parvin S, Soni MSM, Hossain MI, Ireen S, Sultana R, et al. Assessing Risk Factors of Diabetes Mellitus based on Rural-urban Residence in Bangladesh: Findings from Two Cross Sectional Surveys. *Asian J Probab Stat*. 2023;25(1):57–65.
 96. Tarigan R. Hubungan Gaya Hidup Dengan Terjadinya Penyakit Diabetes

- Melitus Di RSU Daerah Dr R.M Djoelham. *J Keperawatan Prior*. 2022;5(1):94–102.
97. Lasmawati E, Putri DF, Nuryani DD. Analisis faktor yang berhubungan dengan kejadian diabetes melitus tipe 2. *Holistik J Kesehat*. 2023;17(4):334–44.
 98. Harefa EM, Lingga RT. Analisis Faktor Resiko Kejadian Diabetes Melitus Tipe Ii Pada Penderita Dm Di Kelurahan Ilir Wilayah Kerja Uptd Puskesmas Kecamatan Gunungsitoli. *J Ners*. 2023;7(1):316–24.
 99. Suryanti S, Sumardi Sudarman A. Hubungan Gaya Hidup dan Pola Makan Dengan Kejadian Diabetes Mellitus di Rumah Sakit Bhayangkara Kota Makassar. *J Promot Prev*. 2021;4(1):1–9.
 100. Shaalan A, Lee S, Feart C, Garcia-Esquinas E, Gomez-Cabrero D, Lopez-Garcia E, et al. Alterations in the Oral Microbiome Associated With Diabetes, Overweight, and Dietary Components. *Front Nutr*. 2022;9(July).
 101. Suprapti D. Hubungan Pola Makan Karbohidrat, Protein, Lemak dengan Diabetes Mellitus Pada Lansia. *JuHubrnal Akunt*. 2017;1.
 102. Relica C, Mariyati. *Jurnal Ilmiah Permas: Jurnal Ilmiah STIKES Kendal*. Peran Mikronutrisi Sebagai Upaya Pencegah Covid-19 [Internet]. 2024;14(3):75–82. Available from: <https://journal2.stikeskendal.ac.id/index.php/PSKM/article/view/1979/1260>
 103. Ghassab-Abdollahi N, Nadrian H, Pishbin K, Shirzadi S, Sarbakhsh P, Saadati F, et al. Gender and urban–rural residency based differences in the prevalence of type-2 diabetes mellitus and its determinants among adults in Naghadeh: Results of IraPEN survey. *PLoS One* [Internet]. 2023;18(3 March):1–16. Available from: <http://dx.doi.org/10.1371/journal.pone.0279872>
 104. Qomariyah F, DM PO, Prabandari R. Faktor Resiko Kejadian Diabetes Melitus Tipe 2 Di Puskesmas Purwokerto Selatan Kabupaten Banyumas. *J Farm Sains Indones*. 2021;4(2):79–84.
 105. Wahidah N, Rahayu SR. Determinan Diabetes Melitus pada Usia Dewasa Muda. *Higeia* [Internet]. 2022;6(1):114–25. Available from: <http://journal.unnes.ac.id/sju/index.php/higeia>
 106. Notoatmodjo S. *Metodologi Penelitian Kesehatan*. Jakarta: Rineka Cipta; 2018.
 107. Kuncoro, Mudrajad. *Metode Kuantitatif. Metode Kuantitatif*. 2021. 82 p.
 108. Perkim.id. PKP Jambi [Internet]. 2020. Available from: <https://perkim.id/profil-pkp/profil-provinsi/profil-perkembangan-kawasan->

permukiman-provinsi-jambi/

109. Jambi BPSP. Penduduk Menurut Kabupaten/Kota di Provinsi Jambi (Ribu Jiwa), 2022-2024 [Internet]. 2024. Available from: <https://jambi.bps.go.id/id/statistics-table/2/MjEwOCMy/penduduk-provinsi-jambi--2024.html>
110. Ali M, Alam M, Sonjida MAR, Simi M, Sarwar S. Prevalence of diabetes and prediabetes in South Asian countries : a systematic review and meta - analysis. *Discov Public Heal* [Internet]. 2025; Available from: <https://doi.org/10.1186/s12982-025-00426-8>
111. Ülgü MM, Gülkesen KH, Akünal A, Ayvalı MO, Zayim N, Birinci Ş, et al. Characteristics of diabetes mellitus patients in Turkey: An analysis of national electronic health records. *Turkish J Med Sci*. 2023;53(1):316–22.
112. Jermendy G, Kiss Z, Rokszin G, Abonyi-Tóth Z, Wittmann I, Kempler P. Decreasing incidence of pharmacologically treated Type 2 diabetes in Hungary from 2001 to 2016: A nationwide cohort study. *Diabetes Res Clin Pract*. 2019;155.
113. Shrestha N, Karki K, Poudyal A, Aryal KK, Mahato NK, Gautam N, et al. Prevalence of diabetes mellitus and associated risk factors in Nepal: Findings from a nationwide population-based survey. *BMJ Open*. 2022;12(2):1–8.
114. Awad SF, A Toumi A, A Al-Mutawaa K, A Alyafei S, A Ijaz M, A H Khalifa S, et al. Type 2 diabetes epidemic and key risk factors in Qatar: A mathematical modeling analysis. *BMJ Open Diabetes Res Care*. 2022;10(2):1–4.
115. Wahyudi SFM, Wiyono WI, Jayanti M. Analisis Faktor Risiko Diabetes Melitus Tipe 2 Di Puskesmas Aertembaga Kota Bitung. *J Kesehat Tambusai* [Internet]. 2023;4(2):946–53. Available from: <https://journal.universitaspahlawan.ac.id/index.php/jkt/article/view/14549/11960>
116. Quraisy CCRSA, Mulyani NS. Faktor-faktor yang berhubungan dengan kejadian diabetes mellitus tipe-II pada pasien rawat jalan. *J SAGO Gizi dan Kesehat*. 2021;2(2):122.
117. Hafizi A, Hasbie NF, Febriyani A, Kurniati M. Hubungan antara Usia, Jenis Kelamin dan Indeks Massa Tubuh dengan Kejadian Diabetes Mellitus Tipe 2 di Rumah Sakit Pertamina Bintang Amin Husada. *J Med Malahayati*. 2024;8(4).
118. Novita TR, Efrarianti Y. Faktor – faktor yang Berhubungan Diabetes Mellitus pada Pralansia (45-59 Tahun) di Wilayah Kerja Puskesmas Rantau Keloyang. *J Healthc Technol Med*. 2023;9(1):204.

119. Rosita R, Kusumaningtiar DA, Irfandi A, Ayu IM. Hubungan Antara Jenis Kelamin, Umur, Dan Aktivitas Fisik Dengan Diabetes Melitus Tipe 2 Pada Lansia Di Puskesmas Balaraja Kabupaten Tangerang. *J Kesehat Masy*. 2022;10(3):364–71.
120. Alshammari MH, Alnasser B. Epidemiological Analysis of Type II Diabetes Mellitus among Hail Residents, Saudi Arabia. *Open J Epidemiol*. 2021;11(02):113–23.
121. Humaira AD, Nuraskin CA. Hubungan Kebiasaan Merokok Dengan Kesehatan Jaringan Periodontal Pada Penderita Diabetes Di Puskesmas Kebayakan Kabupaten Aceh Tengah. *Nawasukes J Kesesehatan Ilm*. 2024;17(2):120–6.
122. Rizki US, Ismah Z, Agustina R, Wasiyem W, Sahputra H. Pengaruh Kadar Gula Darah terhadap Hipertensi di RSUD Rantauprapat. *J Epidemiol Kesehat Komunitas*. 2023;8(2):192–200.
123. Ruku DM, Pitoy FF, Paral MV. Faktor Risiko Kejadian Diabetes Melitus Tipe II Pada Masyarakat Desa Lilang Minahasa Utara. *Klabat J Nurs*. 2022;4(2):17.
124. Agustianto RF, Mudjanarko SW, Prabowo GI. Tingkat Pendidikan Bukan Merupakan Prediktor Risiko Diabetes Berdasarkan Skoring American Diabetes Association. *Higeia J Public Heal Res Dev*. 2020;1(3):625–34.
125. Tambunan ROJ, Kalsum U, Butar MB. Determinan Kejadian Diabetes Mellitus Pada Pegawai Pemerintahan Di Indonesia Tahun 2018. 2024;8(2). Available from: <https://repository.unja.ac.id/>
126. Uliya J, Santi TD, Arlianti N. Faktor Risiko Kejadian Diabetes Melitus Pada Lansia Awal (Umur 46-55 Tahun) di Wilayah Kerja Puskesmas Ingin Jaya Kabupaten Aceh Besar. *MAHESA Malahayati Heal Student J*. 2024;4(2):612–22.
127. Na-Ek N, Srithong J, Aonkhum A, Boonsom S, Charoen P, Demakakos P. Educational level as a cause of type 2 diabetes mellitus: Caution from triangulation of observational and genetic evidence. *Acta Diabetol*. 2022;59(1):127–35.
128. Muchtar F. Edukasi Kesehatan Pencegahan dan Pengendalian Diabetes Mellitus pada Masyarakat di Desa Ranooha Raya. *Babakti J Community Engagement*. 2025;2(1).
129. Sriyani Y, Mulyana H. Jenis Pekerjaan dan Lokasi Tempat Tinggal (Rural, Urban) dengan Kejadian DM Tipe 2. *J Keperawatan BSI [Internet]*. 2021;9(1):98–104. Available from: <https://ejurnal.ars.ac.id/index.php/keperawatan/article/view/487/437>

130. Chowdhury MAB, Islam M, Rahman J, Uddin MJ, Haque MR. Diabetes among adults in Bangladesh: changes in prevalence and risk factors between two cross-sectional surveys. *BMJ Open*. 2022;12(8):1–9.
131. Nurvitasari RI, Primadani M, Fitriani AN, Studi P, Kesehatan D iv P, Kesehatan P, et al. Faktor Demografis dan Geografis dalam Kejadian Diabetes Melitus di. 2025;5(1):381–8.
132. Siahaan MF, Mahmudiono T, Mahmudah, Melaniani S, Wulandari S. Risk Factors for Diabetes Mellitus in Men of Productive Age in India (National Family Health Survey 2015-2016). *J Biometrika dan Kependud*. 2023;12(1):22–31.
133. Phan DH, Vu TT, Doan VT, Le TQ, Nguyen TD, Van Hoang M. Assessment of the risk factors associated with type 2 diabetes and prediabetes mellitus: A national survey in Vietnam. *Med (United States)*. 2022;101(41):E31149.
134. Agustia D, Gultom RFB, Nainggolan WE, Khoiriyah F, Hidayati Y, Lubis DA. Analysis of Factors Causing the Occurrence of Type 2 Diabetes Mellitus at Medan Denai Health Center. 2023;12(02):815–21.
135. Wulandari P, Mustain, Yhudianto KA. Jurnal Penelitian Perawat Profesional Pencegahan Tetanus. *J Penelit Perawat Prof*. 2025;7(1).
136. Muna Lubis SA, Aminah TNF, Pangestuty S, Atika R, Sembiring SP, Aidha Z. Faktor-Faktor yang Berhubungan dengan Kejadian Diabetes Melitus (DM) di Desa Kubah Sentang Kecamatan Pantai Labu. *J Ilm Univ Batanghari Jambi*. 2023;23(2):2061.
137. Sahile AT, Bekele GE. Prevalence of diabetes mellitus and associated factors in addis ababa public health facilities, addis ababa, Ethiopia, 2016. *Diabetes, Metab Syndr Obes*. 2020;13:501–8.
138. Ali A, Alfajjam S, Gasana J. Diabetes Mellitus and Its Risk Factors among Migrant Workers in Kuwait. *Int J Environ Res Public Health*. 2022;19(7).
139. Nassar CM, Salameh P. Association between type 2 diabetes mellitus and health literacy, behavioral and environmental risk factors in Lebanon: A case-control study. *J Heal Soc Sci*. 2021;6(1):103–14.
140. Seifu Y, Tsegaw D, Haji Y, Ejeso A. Prevalence and associated factors of diabetes mellitus among adult population in Hawassa Zuria Woreda, Sidama Region, Ethiopia. *Diabetes, Metab Syndr Obes*. 2020;13:4571–9.
141. Savikj M, Zierath JR. Train like an athlete: applying exercise interventions to manage type 2 diabetes. *Diabetologia*. 2020;63(8):1491–9.
142. Umbas IM, Tuda J, Numansyah M. Hubungan Antara Merokok Dengan Hipertensi Di Puskesmas Kawangkoan. *J Keperawatan*. 2019;7(1).

143. Imam CW, Ariyanti R, Rahayu RP. Kebiasaan Merokok sebagai Faktor Resiko Kejadian PPOK pada Lansia. 2-TRIK Tunas-Tunas Ris Kesehat. 2021;11(3).
144. Risanti ED, Susilo SR. Indeks Massa Tubuh dan Kebiasaan Merokok terhadap Outcome Pengobatan TB Paru TCM Positif. Ibnu Sina J Kedokt dan Kesehatan-Fakultas Kedokt Univ Islam Sumatera Utara. 2025;24(1).
145. Asiiimwe D, Mauti GO, Kiconco R. Prevalence and Risk Factors Associated with Type 2 Diabetes in Elderly Patients Aged 45-80 Years at Kanungu District. J Diabetes Res. 2020;2020.
146. Permana DR, The F, Athallah N, Jansen G. The Relationship of Risk Factors to the Incidence of Hypertension in Pre-Elderly and Elderly (Study in Ternate City). J Community Dev Asia. 2023;6(2):1–18.
147. Naik BN, Rao R, Verma M, Nirala SK, Pandey S, Gera M, et al. Prevalence of diabetes distress and its correlates among adults with type 2 diabetes mellitus in a primary health center of Bihar – A cross-sectional study. J Fam Med Prim Care [Internet]. 2024;13(8). Available from: <http://www.jfmprc.com/article.asp?issn=2249-4863;year=2017;volume=6;issue=1;spage=169;epage=170;aulast=Faizi>
148. Amsalu H, Hailu M, Asefa A, Ayenew M, Yosef T. The effect of lifestyle factors on chronic complications of diabetes at public health hospitals in Southwest Ethiopia. Sci Rep [Internet]. 2024;14(1):1–9. Available from: <https://doi.org/10.1038/s41598-024-69527-9>
149. Da FIS, Riwu YR, Ndoen HI. Hubungan Perilaku dengan Kejadian Diabetes Melitus Tipe 2 di Puskesmas Kota Ende Tahun 2021. SEHATMAS J Ilm Kesehat Masy. 2023;2(2):352–60.
150. Takahashi F, Okada H, Hashimoto Y, Kurogi K, Murata H, Ito M, et al. Association between alcohol consumption and incidence of type 2 diabetes in middle-aged Japanese from Panasonic cohort study 12. Sci Rep [Internet]. 2024;14(1):1–8. Available from: <https://doi.org/10.1038/s41598-024-71383-6>
151. Savitz DA, Wellenius GA. Can Cross-Sectional Studies Contribute to Causal Inference? It Depends. Am J Epidemiol. 2023;192(4):514–6.
152. Ramadana APE, Simanungkalit SF, Fauziyah A. Relationship Of Abdominal Circumference, BMI and Sweet Food Consumption with Diabetes Mellitus in Adults 26-45 Years Old in DKI Jakarta (Riskesdas 2018 Analysis) Hubungan. ScholarArchiveOrg [Internet]. 2021;1(2):41–9. Available from: <https://scholar.archive.org/work/hmvtasylrvcvh3x2bz4tdlliu/access/wayback/https://ejournal.upnvj.ac.id/index.php/IJNS/article/download/3343/pdf>
153. Eva Fridiyani Putri, Kismiantini. Analisis Faktor-Faktor yang Memengaruhi

- Status Diabetes Mellitus pada Pra Lansia dan Lansia di Indonesia Menggunakan Model Regresi Logistik Biner. *Statistika*. 2024;24(1):54–64.
154. Aisyah S, Afrinis N, Syafriani. Hubungan Pengetahuan Tentang DM, Konsumsi Makanan Manis dan Aktivitas Fisik dengan Kejadian DM Tipe 2 Pada Masyarakat Dewasa Akhir Usia 50-59 Tahun. *Indones J Sci*. 2025;73(July 2023):1290–7.
 155. Adokwe JB, Pouyfung P, Kuraeiad S, Wongrith P, Inchai P, Yimthiang S, et al. Concurrent Lead and Cadmium Exposure Among Diabetics: A Case-Control Study of Socio-Demographic and Consumption Behaviors. *Nutr* . 2025;17(4):1–15.
 156. Kong D, Chen R, Chen Y, Zhao L, Huang R, Luo L, et al. Bayesian network analysis of factors influencing type 2 diabetes, coronary heart disease, and their comorbidities. *BMC Public Health* [Internet]. 2024;24(1):1–26. Available from: <https://doi.org/10.1186/s12889-024-18737-x>
 157. Gbadamosi M, Tlou B. Modifiable risk factors associated with non-communicable diseases among adult outpatients in Manzini, Swaziland: A cross-sectional study. *BMC Public Health* [revista en Internet] 2020 [acceso 2 de marzo de 2022]; 20(1): 1-12. *BMC Public Health* [Internet]. 2020;665(20):1–12. Available from: <https://bmcpublikealth.biomedcentral.com/articles/10.1186/s12889-020-08816-0>
 158. den Biggelaar LJ CJ, Sep SJS, Mari A, Ferrannini E, van Dongen MCJM, Wijckmans NEG, et al. Association of artificially sweetened and sugar-sweetened soft drinks with β -cell function, insulin sensitivity, and type 2 diabetes: the Maastricht Study. *Eur J Nutr* [Internet]. 2020;59(4):1717–27. Available from: <https://doi.org/10.1007/s00394-019-02026-0>
 159. Tseng TS, Lin WT, Gonzalez G V, Kao YH, Chen LS, Lin HY. Sugar intake from sweetened beverages and diabetes: A narrative review. *World J Diabetes*. 2021;12(9):1530–8.
 160. Al Mansour MA. The prevalence and risk factors of type 2 diabetes mellitus (DMT2) in a semi-urban Saudi population. *Int J Environ Res Public Health*. 2020;17(1):1–8.
 161. Veridiana NN, Nurjana MA. Hubungan Perilaku Konsumsi dan Aktivitas Fisik dengan Diabetes Mellitus di Indonesia (The Correlation Consumption Behavior and Physical Activity with Diabetes Mellitus in Indonesia). *Bul Penelit Kesehat*. 2019;47(2):97–106.
 162. Syauqy A, Fajar AD, Candra A, Nissa C. Unhealthy food pattern, physical activity, and the incidence of diabetes mellitus among adults with central obesity. *AcTion Aceh Nutr J*. 2023;8(3):426.

163. Fitriani NS, Wurjanto A, Kusariana N, Yuliawati S. Hubungan Tingkat Pengetahuan dan Pengaruh Media Sosial dengan Perilaku Konsumsi Makanan Berisiko Diabetes Melitus pada Mahasiswa Universitas Diponegoro. *J Epidemiol Kesehat Komunitas*. 2022;7(1):404–10.
164. Kietsiriroje N, Shah H, Zare M, O'Mahoney LL, West DJ, Pearson SM, et al. Dietary fat intake is associated with insulin resistance and an adverse vascular profile in patients with T1D: a pooled analysis. *Eur J Nutr* [Internet]. 2023;62(3):1231–8. Available from: <https://doi.org/10.1007/s00394-022-03070-z>
165. Hikmah N, Mahpolah, Widyastuti Hariati N. Hubungan Persepsi, Aktivitas Fisik, Pola Makan, dan Indeks Massa Tubuh (IMT) dengan Kejadian Diabetes Melitus Tipe 2. *J Ris Pangan dan Gizi*. 2023;5(2):20–32.
166. Fitriani Nasution, Andilala AAS. Faktor Risiko Kejadian Dabetes Mellitus. *J Ilmu Kesehat*. 2021;9.
167. Nasution YA, Lubis Z, Siregar FA. Risk Factors of Type 2 Diabetes Mellitus in Elderly. *J Epidemiol Public Heal*. 2021;6(2):232–44.
168. Chandrupatla SG, Khalid I, Muthuluri T, Dantala S, Tavares M. Diabetes and prediabetes prevalence among young and middle-aged adults in India, with an analysis of geographic differences: findings from the National Family Health Survey. *Epidemiol Health*. 2021;42:1–7.
169. Shrestha DB, Budhathoki P, Sedhai YR, Marahatta A, Lamichhane S, Nepal S, et al. Type 2 Diabetes Mellitus in Nepal from 2000 to 2020: A systematic review and meta-analysis. *F1000Research*. 2021;10:1–24.
170. Chandrasekaran P, Weiskirchen R. The Role of Obesity in Type 2 Diabetes Mellitus—An Overview. *Int J Mol Sci*. 2024;25(3).
171. Haryono DA, Arifin S, Shinta HE, Widodo T, Yuliani NNS. Hubungan obesitas dan aktivitas fisik dengan kejadian diabetes melitus tipe II pada usia > 40 tahun di wilayah kerja Puskesmas Bukit Hindu. *Barigas J Ris Mhs*. 2024;1(2):53–60.
172. Asari HRV, Helda H. Hubungan Obesitas dengan Kejadian Hipertensi pada Lansia di Posyandu Lansia di Wilayah Kerja Puskesmas PB Selayang II Kecamatan Medan Selayang, Medan. *J Epidemiol Kesehat Indones*. 2021;5(1).
173. Xia M, Liu K, Feng J, Zheng Z, Xie X. Prevalence and risk factors of type 2 diabetes and prediabetes among 53,288 middle-aged and elderly adults in China: A cross-sectional study. *Diabetes, Metab Syndr Obes*. 2021;14:1975–85.
174. Dereje N, Earsido A, Temam L, Abebe A. Prevalence and associated factors

- of diabetes mellitus in hosanna town, southern ethiopia. *Ann Glob Heal*. 2020;86(1):1–9.
175. Afifah AMN, Indriani D, Sebayang SK, Astutik E. Risk Factors for Diabetes Mellitus in Indonesia: Analysis of Ifls Data 2014. *J Biometrika dan Kependud*. 2022;11(2):165–74.
 176. Samant AC, Jha H, Kamal P. *European Journal of Cardiovascular Medicine (EJCM)* Systematic Review : Risk Factors for Developing Type 2 Diabetes Mellitus. 2025;(01):382–90.
 177. Fala AR, Windarti I, Jausal AN, Sukohar A, Anatomi BP, Studi P, et al. Tinjauan Pustaka : Pengaruh Obesitas , Resistensi Insulin dan Sindrom Metabolik dengan Fungsi Tiroid A Literature Review : The Role of Obesity , Insulin resistance and Metabolic Syndrome on Thyroid Function. *Medula*. 2024;14(November):2051–6.
 178. Damayanti VW, Yonata A, Kurniawaty E. Hipertensi pada Diabetes Melitus: Patofisiologi dan Faktor Risiko. *Medula*. 2023;14(1):1253–7.
 179. Kemenkes. Perilaku CERDIK dalam Mencegah Penyakit Tidak Menular [Internet]. 2022. Available from: <https://ayosehat.kemkes.go.id/perilaku-cerdik-dalam-mencegah-penyakit-tidak-menular>
 180. Wijaya VS, Maharani C. Analisis Program Kebijakan Pencegahan dan Pengendalian Diabetes Melitus di Puskesmas Belik Kabupaten Pematang. *Inov Kesehat Glob*. 2025;2(1):166–77.
 181. Ditjen SDMK K. Road to Workshop APEC: Mengurangi Beban Diabetes Melitus Tipe 2 di Komunitas melalui Pendekatan Kolaborasi Interprofesional (IPC) Manado, Indonesia – 1-2 Juli 2025 [Internet]. 2025. Available from: <https://ditjen-sdmk.kemkes.go.id/berita/road-to-workshop-apec-mengurangi-beban-diabetes-melitus-tipe-2-di-komunitas-melalui-pendekatan-kolaborasi-interprofesional-ipc-manado-indonesia-1-2-juli-2025>