

DAFTAR PUSTAKA

1. Xi Y, Zhang W, Qiao RJ, Tang J. Risk factors for multidrug-resistant tuberculosis: A worldwide systematic review and meta-analysis. *PLoS One*. 2022;17(6 June):1-15. doi:10.1371/journal.pone.0270003
2. Indonesia PK. *Profil Kesehatan Indonesia*. Kementerian Kesehatan Republik Indonesia, Jakarta.; 2017.
3. Adiwinata R, Rasidi J, Marpaung M, Sakit Umum Daerah dr Kanujoso Djatiwibowo R, Timur K. Profil Klinis dan Evaluasi Pengobatan Pasien Rifampicin-Resistant dan Multidrug-Resistant Tuberculosis di RSUD Dr. Kanujoso Djatiwibowo Balikpapan Clinical Profile and Treatment Evaluation of Rifampicin-Resistant and Multidrug-Resistant Tuberculosis Patie. *J Respir Indo*. 2018;38(3):135-142.
4. Keuangan L. Profil Kesehatan Provinsi Jambi Tahun 2021. *Dinas Kesehat Provinsi Jambi*. 2022;(65).
5. Soeroto, A. Y., Nurhayati, R. D., Purwiga, A., Lestari, B. W., Pratiwi, C., Santoso, P., Kulsum, I. D., Suryadinata, H., & Ferdian, F. Factors associated with treatment outcome of MDR/RR-TB patients treated with shorter injectable based regimen in West Java Indonesia. *PLoS ONE*. 2022; 17(1). <https://doi.org/10.1371/journal.pone.0263304>
6. WHO. *Global tuberculosis report 2019*. Geneva : World Health Organization. (2019).
7. Setyaningrum, T. A., Carolia, N., Ramadhian, M. R., Zakiah, R., Farmakologi, B., Kedokteran, F., & Lampung, U. Literature Review : Peran Pengawas Menelan Obat (PMO) Terhadap Pengobatan Penderita Tuberkulosis (TB) Literature Review : The Role of Drug Swallowing Supervisors (PMO) in the Treatment of Tuberculosis (TB) Patients. *Agromedicine*. 2023; 10(3), 20–25. <https://juke.kedokteran.unila.ac.id/index.php/agro/article/download/3110/pdf>
8. Bawonte TG, Mambo CD, Masengi AS. Faktor-Faktor Yang Mempengaruhi Tuberculosis Multidrug Resistance (TB MDR). *eBiomedik*. 2021;9(1):117-125. <https://doi.org/10.35790/ebm.9.1.2021.31949>

9. Tegegne BS, Habtewold TD, Mengesha MM, Burgerhof JG. Association between diabetes mellitus and multi-drug-resistant tuberculosis: a protocol for systematic review and meta-analysis. *Syst Rev*. 2018; 7(161): 1-6.
10. International Diabetes Federation. IDF Diabetes Atlas. Visited on: 6 february 2023. Website article. Available at: <https://idf.org/our-network/regions-members/western-pacific/members/104-indonesia.html>
11. Abu-Ashour W, Twells LK, Valcour JE, Gamble JM. Diabetes and the occurrence of infection in primary care: a matched cohort study. *BMC Infectious Diseases*. 2018; 18(67): 3--6.
12. Ahmad, Zen et al. "Pengaruh Diabetes Melitus Terhadap Konversi Kultur Sputum Dini Pada Pasien Tuberkulosis Resistan Obat Ganda." *Indonesia Journal Chest*. 2021; 8(1).4-12
13. Saktiawati AMI, Subronto YW. Influence of Diabetes Mellitus on the Development of Multi Drug Resistant Tuberculosis in Yogyakarta. *Indones J Intern Med*. 2018;50(1). 12-16
14. Kemenkes, P. Temukan TB Obati Sampai Sembuh Penatalaksanaan Tuberkulosis Resisten Obat di Indonesia. (2020).
15. Tiberi S, Utjesanovic N, Galvin J, Centis R, D'Ambrosio L, van den Boom M, et al. Drug resistant TB – latest developments in epidemiology, diagnostics and management. *Int J Infect Dis* [Internet]. 2023 Mei;S1201971222001655. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S1201971222001655>
16. CDC Self-study modules on tuberculosis: transmission and pathogenesis of tuberculosis Atlanta. US Departement of Health and Human services. Publication 2019.
17. Andriani E. Tesis. Relation of interleukine (il-10) level and sputum conversion factors influence in drug resistant tuberculosis treatment. (2021)
18. Reichenbach A, Bringmann A, Reader E, dkk. Tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Tuberkulosis. *Progress in Retinal and Eye Research*, 2019; 561(3). S2-S3.

19. Dheda K, Gumbo T, Gandhi NR, et al. Global control of tuberculosis: from extensively drug-resistant to untreatable tuberculosis. *Lancet Respir Med*. 2014 Apr;2(4):321-380.
20. Perhimpunan Dokter Paru Indonesia. Tuberkulosis Pedoman Diagnosis dan Penatalaksanaan di Indonesia. In Perhimpunan Dokter Paru Indonesia. (2021).
21. Peraturan Menteri Kesehatan Republik Indonesia No.67 Tahun 2016 Tentang Penanggulangan Tuberkulosis. 2016.
22. Siregar MIT, Tarigan AP, Bangun D. Hubungan Kepatuhan Pasien Tuberkulosis Paru Mengonsumsi Isoniazid Selama Pengobatan Obat Anti Tuberkulosis dengan Mutasi Gen katG Ser315thr (G944c) *Mycobacterium Tuberculosis*. *Bul Farmatera*. 2018;3(3):129-146. doi:10.30596/bf.v3i3.2066
23. Fauziah DF, Masrul B, Asman M. Insidensi Tuberkulosis Paru pada Pasien Diabetes Melitus Tipe 2 di Ruang Rawat Inap Penyakit Dalam RSUP Dr. M. Djamil Padang. 2016; 5(2).350-352
24. Wijaya, I. Tuberkulosis Paru pada Penderita Diabetes Melitus. *Cdk*-229, 2015; 42(6), 412–417.
25. Kementerian Kesehatan Republik Indonesia. Panduan Praktik Klinis Bagi Dokter Di Fasilitas Pelayanan Kesehatan Tingkat Pertama. 1–300. 2022.
26. Madansein, R., Parida, S., Padayatchi, N., Singh, N., Master, I., Naidu, K., Zumla, A., & Maeurer, M. Surgical Treatment of Complications of Pulmonary Tuberculosis, including Drug-Resistant Tuberculosis. *International Journal of Infectious Diseases*, 2015;32,61–67. <https://doi.org/10.1016/j.ijid.2015.01.019>
27. Decroli Eva. Diabetes Mellitus Tipe 2. Padang : Pusat penerbitan Ilmu Penyakit Dalam. (2019)
28. Soelistijo Soebagijo a. Pedoman: Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia. Jakarta : Perkeni, 2021.
29. Soegiyono. Metode Penelitian Kuantitatif, Kualitatif dan R&D, (2011).
30. Menteri Kesehatan Republik Indonesia, Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/MENKES/5675/2021 tentang Data Penduduk Sasaran Program Pembangunan Kesehatan Tahun 2021-2025. Peraturan Menteri Kesehatan RI [Internet]. 2021;2025:1-1405. Available

from:jdih.kemkes.go.id

31. Dorland WAN. Kamus Saku Kedokteran Dorland. 29th ed Singapore:Elsevier, (2015)
32. Ruesen, Carolien et al. "Diabetes Is Associated with Genotypically Drug-Resistant Tuberculosis." *European Respiratory Journal*.2020; 55(3): 10–13..
33. Bunga Farchati, Pertiwi, K. D., & Ita Puji Lestari. (2023). Faktor Risiko Diabetes Mellitus di Wilayah Kerja Puskesmas Gunungpati Kota Semarang. *Pro Health Jurnal Ilmiah Kesehatan*, 5(1), 333–339. <https://doi.org/10.35473/proheallth.v5i1.2143>
34. Willer A,K, Michael Leutner, & Jurgen Harreiter. Sex differences in type 2 diabetes. *Diabetologia.*, (2023), 66(6). 11-65. <https://doi.org/10.1007/s00125-023-05891-x>
35. Arania R, Tusy T, Firhat E, & Fidel Rama Nugraha, Hubungan Antara Usia, Jenis Kelamin, dan Tingkat Pendidikan Dengan Kejadian Diabetes Melitus di Klinik Mardi Waluyo Lampung Tengah. *Jurnal Medika Malahayati*, (2021), 5(3), 147-150
36. Campagna, D., Alamo, A., Di Pino, A., Russo, C., Calogero, A. E., Purrello, F., & Polosa, R. Smoking and diabetes: Dangerous liaisons and confusing relationships. *Diabetology and Metabolic Syndrome*, (2019) 11(1), 1–12. <https://doi.org/10.1186/s13098-019-0482-2>
37. Bestari, I. L. (2020). Characteristics of Patients With Type 2 Diabetes Mellitus At Surabaya Haji General Hospital. *Indonesian Journal of Public Health*, 15(3), 286–294. <https://doi.org/10.20473/ijph.v15i3.2020.286-294>
38. Nagaratha R, Parul Bali, Akshay A, Vinod S, Suchitra P, Guruprasad S, Krishna M, Viraaj P, Amit S, & Honoasandra R,N. Prevalence of Diabetes and Its Determinants in the Young Adults Indian Population-Call for Yoga Intervension. *National Library of Medicine, in Endocrinology*, (2020), <https://10.3389/fendo.2020.507064>
39. Rizky Rohmatulloh, V., Riskiyah, Pardjianto, B., & Sekar Kinasih, L. Hubungan Usia dan Jenis Kelamin Terhadap Angka Kejadian Diabetes Melitus Tipe 2 Berdasarkan 4 Kriteria Diagnosis Di Poliklinik Penyakit

Dalam RSUD Karsa Husada Kota Batu. (2024), 8(1), 2528–2543.

40. Evangelista, M. do S. N., Maia, R., Toledo, J. P., Abreu, R. G. de, & Barreira, D. (2020). Tuberculosis associated with diabetes mellitus by age group in Brazil: a retrospective cohort study, 2007–2014. *Brazilian Journal of Infectious Diseases*, 24(2), 130–136. <https://doi.org/10.1016/j.bjid.2020.03.005>
41. Song, W. mei, Li, Y. fan, Liu, J. yue, Tao, N. ning, Liu, Y., Zhang, Q. yun, Xu, T. ting, Li, S. jin, An, Q. qi, Liu, S. qi, Yu, C. B., Gao, L., Yu, C. xiang, Zhang, M., & Li, H. chen. (2020). Drug resistance of previously treated tuberculosis patients with diabetes mellitus in Shandong, China. *Respiratory Medicine*, 163(August 2019), 1–7. <https://doi.org/10.1016/j.rmed.2020.105897>
42. Habibi, M. R., Bakhtiar, A., Indiasuti, D. N., & Meliana, R. Y. (2022). Diabetes Mellitus and History of Tuberculosis Treatment as Risk Factors of Developing Multidrug-Resistant Tuberculosis at TB Polyclinic Dr. Soetomo General Hospital 2019-2022; 22(1), 537. <https://doi.org/10.33087/jiubj.v22i1.1908>
43. Gautam, S., Shrestha, N., Mahato, S., Nguyen, T. P. A., Mishra, S. R., & Berg-Beckhoff, G. (2021). Diabetes among tuberculosis patients and its impact on tuberculosis treatment in South Asia: a systematic review and meta-analysis. *Scientific Reports*, 11(1), 1–12. <https://doi.org/10.1038/s41598-021-81057-2>
44. Nurdin, N. Analisis faktor-faktor determinan Individu terhadap Tuberculosis Multidrug Resistant (TB MDR) di Provinsi Sumatera Selatan. *Jurnal Kesehatan Komunitas*, 2020; 6(1), 63–67. <https://doi.org/10.25311/keskom.vol6.iss1.385>
45. Ronacher, K., van Crevel, R., Critchley, J. A., Bremer, A. A., Schlesinger, L. S., Kapur, A., Basaraba, R., Kornfeld, H., & Restrepo, B. I. Defining a Research Agenda to Address the Converging Epidemics of Tuberculosis and Diabetes: Part 2: Underlying Biologic Mechanisms. *Chest*, 2017; 152(1), 174–180. <https://doi.org/10.1016/j.chest.2017.02.032>
46. Kumar, N. P., & Babu, S. Impact of diabetes mellitus on immunity to latent

- tuberculosis infection. *Frontiers in Clinical Diabetes and Healthcare*, 4 January 2023; 1–7. <https://doi.org/10.3389/fcdhc.2023.1095467>
47. Dani Rosdiana, Dewi Anggraini, Indra Yovi, & Marlina Tasril. Gambaran dan Evaluasi Pengobatan Tuberkulosis Resisten Obat pada Pasien Diabetes Melitus dan Non-Diabetes Melitus di RSUD Arifin Achmad. *Respirologi Indonesia*, 2020; 40(3), 156–162.
 48. Khitami Aziz, K. Pengobatan Tuberkulosis Paru dan Diabetes Melitus serta Pengaruhnya terhadap Risiko Multi-Drug Resistant Tuberculosis (MDR-TB) Treatment of Lung Tuberculosis and Diabetes Mellitus and Its Effects on the Risk of Multi-Drug Resistant Tuberculosis (MDR-TB). *Anatomica Medical Journal Fakultas Kedokteran*, (2019); 2(1), 22–32. <http://jurnal.umsu.ac.id/index.php/AMJ>
 49. Oswal Neelam, Kezia L, Dhanya D, Janeesh P,A,. Scott K, H., & Jyothi F.N. Host Metabolic Changes During Mycobacterium Tuberculosis Infection Cause Insulin Resistance in Adult Mice. *Journal of Clinical Medicine*. (2022);, 11(6): 16-46. <https://doi.org/10.3390/jcm11061646>
 50. Krishna Sudeep, & Jubbin J. Diabetes mellitus and Tuberculosis. *National Library of Medicine. South darmouth*. (2021); <https://www.ncbi.nlm.nih.gov/books/NBK570126/>
 51. Maulida, D. H., Mauli, I., Dewi, W., Santoso, P., Cahyadi, A. I., Kusumawati, M., & Kulsum, I. D. (2024). Prevalensi dan Karakteristik Pasien Tuberkulosis Paru Resisten Obat (TB-RO) dengan Diabetes Melitus Tipe 2 di Klinik TB-RO Rumah Sakit Umum Pusat Dr. Hasan Sadikin, BandungPrevalensi dan Karakteristik Pasien Tuberkulosis Paru Resisten Obat (TB-RO) dengan Diabetes Melitus Tipe 2 di Klinik TB-RO Rumah Sakit Umum Pusat Dr. Hasan Sadikin, Bandung. *Jurnal Penyakit Dalam Indonesia*, 11(1). <https://doi.org/10.7454/jpdi.v11i2.1550>
 52. Bisht, MK, Priyanka D, Sudip G, & Sangita M. The Cause-effect realtion of tuberculosis on incidence of diabetes mellitus. *NIH in cellular and Infection Microbiology*, (2023); 13(11), <https://doi.org/10.3389/fcimb,2023.1134036>
 53. Xu, G., Hu, X., Lian, Y., & Li, X. Diabetes mellitus affects the treatment

- outcomes of drug-resistant tuberculosis: a systematic review and meta-analysis. *BMC Infectious Diseases*, (2023); 23(1), 1–13. <https://doi.org/10.1186/s12879-023-08765-0>
54. Ngo, M. D., Bartlett, S., & Ronacher, K. Diabetes-associated susceptibility to tuberculosis: Contribution of hyperglycemia vs. dyslipidemia. *Microorganisms*, (2021);9(11), 1–15. <https://doi.org/10.3390/microorganisms9112282>
 55. Kemenkes RI. Laporan Program Penanggulangan Tuberkulosis Tahun 2022. (2023)
 56. Rehman, A. ur, Khattak, M., Mushtaq, U., Latif, M., Ahmad, I., Rasool, M. F., Shakeel, S., Hayat, K., Hussain, R., Alhazmi, G. A., Alshomrani, A. O., Alalawi, M. I., Alghamdi, S., Imam, M. T., Almarzoky Abuhussain, S. S., Khayyat, S. M., & Haseeb, A. (2023). The impact of diabetes mellitus on the emergence of multi-drug resistant tuberculosis and treatment failure in TB-diabetes comorbid patients: a systematic review and meta-analysis. *Frontiers in Public Health*, 11(November). <https://doi.org/10.3389/fpubh.2023.1244450>
 57. Kemenkes RI. (2024).Petunjuk Teknis : Pelaksanaan Tuberkulosis Resistan Obat di Indonesia.Jakarta : Kementerian Kesehatan RI
 58. Global Tuberculosis Report 2023. Geneva: World Health Organization; 2024 <https://www.who.int/teams/global-tuberculosis-programme/tb-reports/global-tuberculosis-report-2023/tb-disease-burden/1-3-drug-resistant-tb>
 59. Institute for Health Metrics and Evaluation. IHME Global Burden of Disease. 2021. <https://vizhub.healthdata.org/gbd-comapre/#>
 60. Al Qarni Bayan, U. Karakteristik Pasien Tuberkulosis Resistan Obat Di Rsud Dr. H. Chasan Boesoirie. *Kieraha Medical Journal*, 2022;4(2), 116–123. <https://doi.org/10.33387/kmj.v4i2.4651>
 61. Siti Fatimah Az'zahra, Nurhayati, E., Hartati, J., & Sawitri, N. Hubungan Antara Usia dan Jenis Kelamin dengan Kejadian Multidrug-Resistant Tuberculosis (MDR-TB) di Rumah Sakit Paru Dr. M. Goenawan (RSPG) Cisarua Bogor. *Bandung Conference Series: Medical Science*, 2024; 4(1), 899–905. <https://doi.org/10.29313/bcsms.v4i1.12431>

62. Imam, F. R. S., Umboh, J. M. L., & Tuda, J. S. B. Faktor-faktor Risiko yang Berhubungan dengan Kejadian Multidrug-Resistant Tuberculosis (TB-MDR) di Kota Ternate, Maluku Utara. *E-Clinic*, 2023; 11(3), 260–268. <https://doi.org/10.35790/ecl.v11i3.44459>
63. Aini, Z. M., & Rufia, N. M. Karakteristik Penderita Tuberculosis Multidrug Resistant (TB MDR) di Sulawesi Tenggara Tahun 2014-2017. *Medula*, 2019; 6(2), 547–557. <https://doi.org/10.46496/medula.v6i2.6727>
64. Wang, J., Zhou, M., Chen, Z., Chen, C., Wu, G., Zuo, Y., Ren, X., Chen, Z., Wang, W., & Pang, Y. Survival of patients with multidrug-resistant tuberculosis in central China: A retrospective cohort study. *Epidemiology and Infection*. (2020); <https://doi.org/10.1017/S0950268820000485>
65. Puspasari A, Maharani C, Mus R, Hastuti P, Hamim Sadewa A, Setyawati. Biomarker Pengganti Homa-Ir Untuk Mendeteksi Resistensi Insulin. *Jmj*. 2019;7(2):122-130.