

DAFTAR PUSTAKA

- Afrianti, R., Larucy, F., & Widayana, H. (2023). Interaksi Obat Anti Tuberkulosis pada Pasien Tuberkulosis Paru. *Jurnal Kesehatan Perintis (Perintis's Health Journal)*, 10(1), 53–59. <https://doi.org/10.33653/jkp.v10i1.912>
- Agristika, A., & Carolina, N. (2017). Agonis Reseptor GLP 1 untuk Terapi Diabetes Mellitus Tipe 2. 4(2), 338–341.
- Ahmed, M., Omer, I., Osman, S. M. A., & Ahmed-Abakur, E. H. (2017). Association between Pulmonary Tuberculosis and Type 2 Diabetes in Sudanese Patients. *The International Journal of Mycobacteriology*, 6(1), 97–101. https://doi.org/10.4103/ijmy.ijmy_13_17
- Alavudeen, S. S., Alakhali, K. M., Ansari, S. M. A., & Khan, N. A. (2015). Prescribing pattern of antihypertensive drugs in diabetic patients of Southern Province, Kingdom of Saudi Arabia. *Ars Pharmaceutica (Internet)*, 56(2), 109–114. <https://doi.org/10.4321/S2340-98942015000200005>
- American Diabetes Association. (2021). 6. Glycemic Targets: *Standards of Medical Care in Diabetes—2021. Diabetes Care*, 44(Supplement_1), S73–S84. <https://doi.org/10.2337/dc21-S006>
- American Diabetes Association Professional Practice Committee. (2022). 6. Glycemic Targets: *Standards of Medical Care in Diabetes—2022. Diabetes Care*, 45(Supplement_1), S83–S96. <https://doi.org/10.2337/dc22-S006>
- Aminah, S. (2013). Perbedaan Kadar SGOT, SGPT, Ureum, dan Kreatinin Pada Penderita TB Paru Setelah Enam Bulan Pengobatan. 2(2).
- Anisah, A., Sumekar, D. W., & Budiarti, E. (2021). Hubungan Demografi dan Komorbid dengan Kejadian Tuberkulosis Resisten Obat (TB RO). *Jurnal Ilmiah Kesehatan Sandi Husada*, 10(2), 568–574. <https://doi.org/10.35816/jiskh.v10i2.655>
- Annisa, R., & Fauzi, Z. A. (2015). Perbedaan Kadar SGPT Pada Pasien Tuberkulosis Paru Sebelum Dan Sesudah Fase Intensif Di Poliklinik Paru RSUD Arifin Achmad Pekanbaru. 2(2).
- Apriliany, F., Cholisah, E., & Erlanti, K. (2022). Efek Pemberian Metformin dan Metformin+Glimepiride terhadap Kadar HbA1c pada Pasien Diabetes Mellitus Tipe 2. *Jurnal Manajemen dan Pelayanan Farmasi (Journal of Management and Pharmacy Practice)*, 12(2), 97. <https://doi.org/10.22146/jmpf.72192>

- Aronson, J. K. (2016). Meyler's Side Effects of Drugs: The International Encyclopedia of Adverse Drug Reactions and Interactions. In *Indian Journal of Pharmacology* (Vol. 48, p. 224).
- Azmi, F. (2016). Anatomi dan Histologi Hepar. *I*(2), 147–154.
- Azmi, R. N., Ardiani, T., & Siami, S. (2022). Hepatotoksik terkait Obat Antituberkulosis pada Pasien Tuberkulosis dan Koinfeksi Tuberkulosis-HIV. *Medica Hospitalia: Journal of Clinical Medicine*, *9*(1), 37–42. <https://doi.org/10.36408/mhjcm.v9i1.650>
- Ballestri, S., Zona, S., Targher, G., Romagnoli, D., Baldelli, E., Nascimbeni, F., Roverato, A., Guaraldi, G., & Lonardo, A. (2016). Nonalcoholic fatty liver disease is associated with an almost twofold increased risk of incident type 2 diabetes and metabolic syndrome. Evidence from a systematic review and meta-analysis. *Journal of Gastroenterology and Hepatology*, *31*(5), 936–944. <https://doi.org/10.1111/jgh.13264>
- Banjuradja, I., & Singh, G. (2020). Mekanisme Hepatotoksisitas Dan Tatalaksana Tuberkulosis Pada Gangguan Hati.
- Beloor Suresh, A., Rosani, A., Patel, P., & Wadhwa, R. (2023). Rifampin. In *StatPearls*.https://www.ncbi.nlm.nih.gov/books/NBK557488/?report=reader#_NBK557488_pubdet_
- Boadu, A. A., Yeboah-Manu, M., Osei-Wusu, S., & Yeboah-Manu, D. (2024). Tuberculosis and diabetes mellitus: The complexity of the comorbid interactions. *International Journal of Infectious Diseases*, *146*, 107140. <https://doi.org/10.1016/j.ijid.2024.107140>
- Bonner, T., Foster, M., & Spears-Lanoix, E. (2016). Type 2 diabetes-related foot care knowledge and foot self-care practice interventions in the United States: A systematic review of the literature. *Diabetic Foot & Ankle*, *7*(1), 29758. <https://doi.org/10.3402dfa.v7.29758>
- Centers for Disease Control and Prevention. (2019). Self-Study Modules On Tuberculosis Module 1: Transmission and Pathogenesis of Tuberculosis. *Centers for Disease Control and Prevention (CDC)*.
- Dasuki, A. A., Muti, A. F., & Yusmaini, H. (2020). Faktor resiko kejadian peningkatan kadar transaminase pada penggunaan obat antituberkulosis pasien tuberkulosis paru di RST Wijayakusuma Purwokerto. *JFIOnline | Print ISSN 1412-1107 | e-ISSN 2355-696X*, *12*(2), 134–144. <https://doi.org/10.35617/jfionline.v12i2.55>
- Denholm, J., McBryde, E., Eisen, D., Chen, C., Penington, J., & Street, A. (2014). Adverse effects of isoniazid preventative therapy for latent tuberculosis

- infection: A prospective cohort study. *Drug, Healthcare and Patient Safety*, 145. <https://doi.org/10.2147/DHPS.S68837>
- Dewanty, L. I., Haryanti, T., & Kurniawan, T. P. (2016). Kepatuhan Berobat Penderita TB Paru Di Puskesmas Nguntoronadi I Kabupaten Wonogiri. *9*(1).
- Dewi, A. A. I. S., Andrika, P., & Artana, I. B. (2020). Gambaran Karakteristik Pasien Tuberculosis Di Poliklinik Paru RSUP Sanglah Denpasar. *Jurnal Medika Udayana*, *9*(6). <https://doi.org/10.24843.MU.2020.V9.i6.P02>
- Dotulong, J. F. J., Sapulete, M. R., & Kandou, G. D. (2015). Hubungan Faktor Risiko Umur, Jenis Kelamin Dan Kepadatan Hunian Dengan Kejadian Penyakit TB Paru Di Desa Wori Kecamatan Wori.
- El-Kholy, M. M., Sadek, S. H., & Mahran, O. (2018). Fixed-dose combination versus separate drug formula for pulmonary and extrapulmonary tuberculosis. *Egyptian Journal of Bronchology*, *12*(3), 346–351. https://doi.org/10.4103/ejb.ejb_61_17
- Erener, S. (2020). Diabetes, infection risk and COVID-19. *Molecular Metabolism*, *39*, 101044. <https://doi.org/10.1016/j.molmet.2020.101044>
- Fadhila, Y. A. (2023). Perbedaan kadar enzim transaminase (SGOT dan SGPT) sebelum dan sesudah pemberian obat anti tuberkulosis (OAT) pada pasien tuberkulosis fase awal. In *Skripsi Sarjana Terapan, Politeknik Kesehatan Kementerian Kesehatan Jakarta III*.
- Faustin, A. J., Widjaja, J. T. W., & Paskaria, C. (2021). Pengaruh Diabetes Melitus Sebagai Komorbid Terhadap Peningkatan Kasus Tuberkulosis di Puskesmas Rejosari, Kudus Periode 2018-2020. *Majalah Kedokteran UKI*, *37*(3), 70–74.
- Fauzi, A. Z., Yunus, R., Hasan, F. E., & Sari, J. I. (2024). Profil Penanda Fungsi Hati Pada Pasien Tuberkulosis Di Kota Kendari. *Molucca Medica*, *17*(2), 124–130. <https://doi.org/10.30598/molmed.2024.v17.i2.124>
- Fitria, A. D. A. (2022). Hubungan Polifarmasi Dengan Interaksi Obat Pada Pasien Tuberkulosis [Doctoral dissertation]. Universitas dr. Soebandi.
- Galicia-Garcia, U., Benito-Vicente, A., Jebari, S., Larrea-Sebal, A., Siddiqi, H., Uribe, K. B., Ostolaza, H., & Martín, C. (2020). Pathophysiology of Type 2 Diabetes Mellitus. *International Journal of Molecular Sciences*, *21*(17), 6275. <https://doi.org/10.3390/ijms21176275>
- Gastaldelli, A., & Cusi, K. (2019). From NASH to diabetes and from diabetes to NASH: Mechanisms and treatment options. *JHEP Reports*, *1*(4), 312–328. <https://doi.org/10.1016/j.jhepr.2019.07.002>
- Gendokesumo, M. E., Putra, G. S., Anwari, F., Widianat, W., & Elysia, M. (2022).

- Studi In-silico menghambat enzim α -glukosidase pada fitokimia yang terkandung pada Momordica charantia Linn. (Pare) sebagai terapi diabetes. *Akta Kimia Indonesia*, 7(1), 77. <https://doi.org/10.12962/j25493736.v7i1.12588>
- Ginting, D. O., Angie, E., & Natali, O. (2024). Gambaran Fungsi Hati Pada Pasien Diabetes Melitus Tipe 2 Di RSU Royal Prima Medan Tahun 2022. 5.
- Han, S. Y., Kim, N. H., Kim, D. H., Kim, Y. H., Park, Y. K., & Kim, S. M. (2022). Associations between Body Mass Index, Waist Circumference, and Myocardial Infarction in Older Adults Aged over 75 Years: A Population-Based Cohort Study. *Medicina*, 58(12), 1768. <https://doi.org/10.3390/medicina58121768>
- Hardianto, D. (2021). Telaah Komprehensif Diabetes Melitus: Klasifikasi, Gejala, Diagnosis, Pencegahan, Dan Pengobatan: A Comprehensive Review of Diabetes Mellitus: Classification, Symptoms, Diagnosis, Prevention, and Treatment. *Jurnal Bioteknologi & Biosains Indonesia (JBBI)*, 7(2), 304–317. <https://doi.org/10.29122/jbbi.v7i2.4209>
- Hartini, S., Khotimah, C. K., & Kusumawati, N. (2024). Gambaran Faal Hati Pada Penderita Diabetes Melitus Berdasarkan Nilai SGOT Dan SGPT. *Journal Health & Science : Gorontalo Journal Health and Science Community*, 8(1), 25–33. <https://doi.org/10.35971/gojhes.v8i1.21931>
- Hauri, L. Z., & Faridah, I. N. (2019). Kajian Efektivitas Penggunaan Obat Pada Pasien Diabetes Melitus Tipe 2 Di 3 Puskesmas Kota Yogyakarta [Bachelor Thesis]. Universitas Ahmad Dahlan.
- Hawarima, V., Susanti, & Mustofa, S. (2019). Efek Protektif Thymoquinone Terhadap Gambaran Histopatologi Hepar pada Tikus Putih (*Rattus norvegicus*) Galur Spraque dawley yang Diinduksi Rifampisin. *J Agromedicine*, 6(2).
- Hayati, K. (2021). Pengaruh Brisk Walking Exercise Terhadap Penurunan Kadar Gula Darah Pada Pasien DM Tipe II Di Rumah Sakit Grandmed Lubuk Pakam. *Jurnal Penelitian Keperawatan Medik*, 3(2), 23–29. <https://doi.org/10.36656/jpkm.v3i2.660>
- Helmi Rumkabu, Y. L., Rochman, F., Wikananda, D. A. T. R., & Deny Yuliatni, P. C. (2019). Gambaran aspek lingkungan dan perilaku pencegahan penularan tuberkulosis paru pada pasien tuberkulosis paru di wilayah kerja Puskesmas Dawan I, Kabupaten Klungkung tahun 2017. *Intisari Sains Medis*, 10(3). <https://doi.org/10.15562/ism.v10i3.448>
- Hussain, Z., Zhu, J., & Ma, X. (2021). Metabolism and Hepatotoxicity of Pyrazinamide, an Antituberculosis Drug. *Drug Metabolism and Disposition*,

- 49(8), 679–682. <https://doi.org/10.1124/dmd.121.000389>
- International Diabetes Federation (IDF). (2021). *Number of adults (20-79 years) with diabetes world wide [63-69]*. Diabetes Around The World. <https://diabetesatlas.org/resources/factsheets/>
- Irawan, B. (2020). Tuberculosis Paru (TB) pada Penderita Diabetes Mellitus Tipe 2 (DMT2) (Studi Case Control di Wilayah Kerja Puskesmas Patrang, Kabupaten Jember). In *Skripsi Universitas Jember*. <http://repository.unej.ac.id/handle/123456789/104562>
- Kakade, A., Mohanty, I. R., & Rai, S. (2017). Assessment of Prescription Pattern of Antidiabetic Drugs in the Outpatient Department of a Tertiary Care Hospital. *International Journal of Clinical Endocrinology and Metabolism*, 3(1), 001–007. <https://doi.org/10.17352/ijcem.000021>
- Kementerian Kesehatan Republik Indonesia. (2016). Petunjuk Teknis Manajemen dan Tatalaksana Tuberkulosis Anak. In *Kementerian Kesehatan Republik Indonesia*.
- Kementerian Kesehatan Republik Indonesia. (2020). Pedoman Nasional Pelayanan Kedokteran Tata Laksana Tuberkulosis. In *Kementerian Kesehatan Republik Indonesia*.
- Kementerian Kesehatan Republik Indonesia. (2022). Laporan Program Penanggulangan Tuberkulosis Tahun 2022. In *Kementerian Kesehatan Republik Indonesia*. https://tbindonesia.or.id/pustaka_tbc/laporan-tahunan-program-tbc-2021/
- Kenedyanti, E., & Sulistyorini, L. (2017). Analisis mycobacterium tuberculosis dan kondisi fisik rumah dengan kejadian tuberkulosis paru. *Jurnal Berkala Epidemiologi*, 5(2), 152–162.
- Kesek, J. F. N., Sugeng, C. E. C., & Polii, E. B. I. (2019). Gambaran Pasien Tuberkulosis Paru Usia Produktif di RSUP Prof. Dr. R. D. Kandou Manado Periode Tahun 2014-2015. *Medical Scope Journal*, 1(1). <https://doi.org/10.35790/msj.1.1.2019.26816>
- Kim, J.-H., Nam, W., Kim, S., Kwon, O., Seung, E., Jo, J., Shresha, R., Lee, T., Jeon, T., Ki, S., Lee, H., & Lee, S. (2017). Mechanism Investigation of Rifampicin-Induced Liver Injury Using Comparative Toxicoproteomics in Mice. *International Journal of Molecular Sciences*, 18(7), 1417. <https://doi.org/10.3390/ijms18071417>
- Ko, S.-H., Hur, K.-Y., Rhee, S. Y., Kim, N.-H., Moon, M. K., Park, S.-O., Lee, B.-W., Kim, H. J., Choi, K. M., Kim, J. H., & Committee of Clinical Practice Guideline of Korean Diabetes Association. (2017). Antihyperglycemic Agent

- Therapy for Adult Patients with Type 2 Diabetes Mellitus 2017: A Position Statement of the Korean Diabetes Association. *Diabetes & Metabolism Journal*, 41(5), 337. <https://doi.org/10.4093/dmj.2017.41.5.337>
- Kumar, R., Khan, S., Sen, P., & Banerjee, S. (2020). A Study to Detect Liver Enzyme Dysfunction among Patients on First Line Anti-Tubercular Drugs from RNTCP during the Course of Anti-TB Treatment. *Journal of Evolution of Medical and Dental Sciences*, 9(9), 645–650. <https://doi.org/10.14260/jemds/2020/141>
- Lemeshow. (1997). Besar Sampel Dalam Penelitian Kesehatan. In *Yogyakarta: UGM*.
- Lestari, Zulkarnain, & Sijid, S. A. (2021). The pathogenesis and pathophysiology of type 1 and type 2 diabetes mellitus. *Journal of Physiology and Pathophysiology*, 4(4), 46–57. <https://doi.org/10.5897/JPAP2013.0001>
- Liu, Q., Li, W., Xue, M., Chen, Y., Du, X., Wang, C., Han, L., Tang, Y., Feng, Y., Tao, C., & He, J.-Q. (2017). Diabetes mellitus and the risk of multidrug resistant tuberculosis: A meta-analysis. *Scientific Reports*, 7(1), 1090. <https://doi.org/10.1038/s41598-017-01213-5>
- Liu, W., Tao, Z.-W., Wang, L., Yuan, M.-L., Liu, K., Zhou, L., Wei, S., Deng, Y., Liu, J., Liu, H.-G., Yang, M., & Hu, Y. (2020). Analysis of factors associated with disease outcomes in hospitalized patients with 2019 novel coronavirus disease. *Chinese Medical Journal*, 133(9), 1032–1038. <https://doi.org/10.1097/CM9.0000000000000775>
- Lukito, J. I. (2021). Antidiabetik Oral Kombinasi Penghambat DPP-4 dan Penghambat SGLT-2. *48*(12).
- Maharani, M. W., Yusmaini, H., & Harfiani, E. (2024). Hubungan Pemberian Obat Anti Tuberkulosis Dengan Kejadian Efek Sampingnya Pada Pasien Tuberkulosis Paru Di RSUD Sumedang Tahun 2022.
- Malihah, D., & Emelia, R. (2022). Pola Pengobatan Antidiabetes Terhadap Pasien Diabetes Melitus Tipe II Rawat Jalan di RSAU dr.M. Salamun. *Jurnal Delima Harapan*, 9.
- Mar'Iyah, K. (2021). Patofisiologi penyakit infeksi tuberkulosis.
- Mathofani, P. E., & Febriyanti, R. (2020). Faktor-Faktor Yang Berhubungan Dengan Kejadian Penyakit Tuberkulosis (TB) Paru di Wilayah Kerja Puskesmas Serang Kota Tahun 2019. *Jurnal Ilmiah Kesehatan Masyarakat : Media Komunikasi Komunitas Kesehatan Masyarakat*, 12(1), 1–10. <https://doi.org/10.52022/jikm.v12i1.53>
- Maulana, M. R., & Kuswarini, S. (2022). Analisis Risiko Kadar Enzim SGOT dan

- SGPT pada Penderita Diabetes Mellitus Tipe 2. *Jaringan Laboratorium Medis*, 4(1). <https://doi.org/10.31983/jlm.v4i1.8489>
- Maulidya, N. (2021). *Profil Penggunaan Obat Antidiabetes Oral pada Pasien Diabetes Mellitus Tipe 2 di Puskesmas Grabag 2020* [S1 thesis].
- Maulina, M. (2018). Zat-Zat yang Mempengaruhi Histopatologi Hepar. In *Unimal Press* (1st ed., Vol. 49).
- Meryta, A., Fidia, F., & Swity, A. (2023). Penggunaan Antidiabetek Oral pada Pasien Diabetes Melitus Tipe II di Instalasi Farmasi Rumah Sakit Pinma Bekasi. *Jurnal Farmasi IKIFA*, 2(1), 46–53.
- Molla, Y., Wubetu, M., & Dessie, B. (2021). Anti-Tuberculosis Drug Induced Hepatotoxicity and Associated Factors among Tuberculosis Patients at Selected Hospitals, Ethiopia. *Hepatic Medicine: Evidence and Research, Volume 13*, 1–8. <https://doi.org/10.2147/HMER.S290542>
- Montenegro, L. M. L. (2019). Treatment of Sensitive Tuberculosis: Mechanisms of Action and Resistance. *Biomedical Journal of Scientific & Technical Research*, 18(4). <https://doi.org/10.26717/BJSTR.2019.18.003174>
- Montolalu, C., & Langi, Y. (2018). Pengaruh Pelatihan Dasar Komputer dan Teknologi Informasi bagi Guru-Guru dengan Uji-T Berpasangan (Paired Sample T-Test). *d'CARTESIAN*, 7(1), 44. <https://doi.org/10.35799/dc.7.1.2018.20113>
- Munawarah, M., Djide, M. N., Santoso, A., Wahyudin, E., Sartini, S., & Djabir, Y. Y. (2019). Pengaruh Penggunaan Sediaan Fixed Dose Combination (FDC) Dibandingkan Dengan Tablet Lepas Obat Anti-Tuberkulosis Terhadap Peningkatan Nilai SGPT Dan SGOT Pada Pasien Tuberkulosis Di Balai Besar Kesehatan Paru Masyarakat Makassar. *Majalah Farmasi dan Farmakologi*, 23(1), 32–34. <https://doi.org/10.20956/mff.v23i1.6469>
- Nasution, D. P. (2022). Gambaran Kadar Enzim Aspartat Aminotransferase (Ast) Dan Enzim Alanin Aminotransferase (Alt) Pada Pasien Penderita Sirosis Hati Di Rumah Sakit Efarina Etaham Berastagi.
- Nelwan, A. R. P., Palar, S., & Lombo, J. C. M. (2014). Kadar Serum Glutamic Oxaloacetat Transaminase Dan Serum Glutamic Pyruvic Transaminase Pada Pasien Tuberkulosis Paru Selama Dua Bulan Berjalannya Pemberian Obat Anti Tuberkulosis Kombinasi Dosis Tetap. *e-CliniC*, 2(3). <https://doi.org/10.35790/ecl.2.3.2014.6068>
- Noviyanti, I., & Irnawati, I. (2022). Literature Review: Gambaran Karakteristik Pasien TB. *Prosiding Seminar Nasional Kesehatan*, 1, 2175–2187. <https://doi.org/10.48144/prosiding.v1i.1036>

- Nuryadi, N., Astuti, D., Utami, S., & Budiantara, M. B. (2018). *Dasar-dasar statistik penelitian*.
- Nuryati. (2017). Farmakologi. In *Kementerian Kesehatan Republik Indonesia*. Jakarta.
- Octariany Octariany & Vivin Gusrizal. (2024). A Case Report: Tuberculosis Drug Induced Liver Injury: A Case Report. *Detector: Jurnal Inovasi Riset Ilmu Kesehatan*, 2(3), 302–307. <https://doi.org/10.55606/detector.v2i3.4232>
- Pan, X., Wang, L., Gründemann, D., & Sweet, D. H. (2013). Interaction of Ethambutol with Human Organic Cation Transporters of the SLC22 Family Indicates Potential for Drug-Drug Interactions during Antituberculosis Therapy. *Antimicrobial Agents and Chemotherapy*, 57(10), 5053–5059. <https://doi.org/10.1128/AAC.01255-13>
- Pangaribuan, L., Kristina, K., Perwitasari, D., Tejayanti, T., & Lolong, D. B. (2020). Faktor-Faktor yang Mempengaruhi Kejadian Tuberkulosis pada Umur 15 Tahun ke Atas di Indonesia. *Buletin Penelitian Sistem Kesehatan*, 23(1), 10–17. <https://doi.org/10.22435/hsr.v23i1.2594>
- Pangestuningsih, M., & Rukminingsih, F. (2022). Gambaran Fungsi Hati Pasien Diabetes Mellitus Tipe II di Salah Satu Rumah Sakit SWASTA di Kabupaten Demak Periode Oktober-Desember 2020. *Jurnal Riset Kefarmasian Indonesia*, 4(2), 134–143. <https://doi.org/10.33759/jrki.v4i2.262>
- Perhimpunan Dokter Paru Indonesia. (2021). Pedoman Diagnosis dan Penatalaksanaan Tuberkulosis di Indonesia.
- Perkumpulan Endokrinologi Indonesia. (2021). Pedoman Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia 2021. In *PB PERKENI*. <https://pbperkeni.or.id/wpcontent/uploads/2021/11/22-10-21-Website-Pedoman-Pengelolaan-danPencegahan-DMT2-Ebook.pdf>
- Pranata, J., Mariadi, I., & Somayana, G. (2019). Prevalensi dan Gambaran Umum Drug-Induced Liver Injury Akibat Obat Anti Tuberkulosis pada Pasien Tuberkulosis RSUP Sanglah Denpasar Periode Agustus 2016 – Juli 2017. *J Med Udayana*, 8(9).
- Rahayu, S. E., Sukeksi, A., & Nuroini, F. (2023). Hubungan kadar SGOT-SGPT pada pasien TB pengobatan fase awal di Puskesmas Pati. *Universitas Muhammadiyah Semarang, Jurnal Ilmu Kesehatan*.
- Rahman, M. M., Setyawati, T., Sarifuddin, & Wahyudi, R. D. (2023). Mekanisme OAT dalam Tubuh yang Mengakibatkan Risiko DILI (drug-induced liver injury): Literature Review. *Jurnal Medical Profession (MedPro)*, 5(1), 41–47.

- Rahmatillah, T., Acang, N., & Afgani, A. (2018). Gambaran karakteristik penderita TB paru di balai besar kesehatan paru masyarakat Bandung tahun 2017. *Prosiding Pendidikan Dokter*, 518–525.
- Rains, J. L., & Jain, S. K. (2011). Oxidative stress, insulin signaling, and diabetes. *Free Radical Biology and Medicine*, 50(5), 567–575. <https://doi.org/10.1016/j.freeradbiomed.2010.12.006>
- Ratnasari. (2015). Pemeriksaan Kadar Sgot Dan Sgpt Pada Penderita Tb Yang Menjalani Pengobatan Oat Di Puskesmas Kesamben (Studi Di Puskesmas Kesamben Jombang). (*Doctoral Dissertation, STIKes Insan Cendekia Medika Jombang*).
- Resende, L. S. O., & Santos-Neto, E. T. D. (2015). Risk factors associated with adverse reactions to antituberculosis drugs. *Jornal Brasileiro de Pneumologia*, 41(1), 77–89. <https://doi.org/10.1590/S1806-37132015000100010>
- Reza, A., & Rachmawati, B. (2017). Perbedaan Kadar SGOT Dan SGPT Antara Subyek Dengan Dan Tanpa Diabetes Mellitus. 6(2).
- Ross, & Wilson. (2017). Dasar-Dasar Anatomi Dan Fisiologi. In *Elsevier Singapore Pte Ltd*.
- Sari, D. P., & Andriani, V. (2024). Kajian Hubungan Penggunaan Obat Antituberkulosis Fase Awal Terhadap Kadar SGOT-SGPT Pada Pasien TBC Paru Di RSUD Pasar Rebo Jakarta. 5.
- Satyaraddi, A., Velpandian, T., Sharma, S. K., Vishnubhatla, S., Sharma, A., Sirohiwal, A., Makharia, G. K., Sinha, S., Biswas, A., & Singh, S. (2014). Correlation of plasma anti-tuberculosis drug levels with subsequent development of hepatotoxicity. *The International Journal of Tuberculosis and Lung Disease*, 18(2), 188–195. <https://doi.org/10.5588/ijtld.13.0128>
- Setiawan, D., Arisandi, D., & Trisnawati, L. (2022). Aplikasi Prediksi Penyakit Sirosis Hati Menggunakan Algoritma Genetika. *Jurnal SANTI - Sistem Informasi dan Teknik Informasi*, 2(1), 31–40. <https://doi.org/10.58794/santi.v2i1.54>
- Shibabaw, T., Dessie, G., Molla, M. D., Zerihun, M. F., & Ayelign, B. (2019). Assessment of liver marker enzymes and its association with type 2 diabetes mellitus in Northwest Ethiopia. *BMC Research Notes*, 12(1), 707. <https://doi.org/10.1186/s13104-019-4742-x>
- Sibulesky, L. (2013). Normal liver anatomy. In *Clinical Liver Disease* (S1 ed., Vol. 2, pp. S1–S3). <https://doi.org/10.1002/cld.124>
- Sifareina, S., Alifiar, I., & Priatna, M. (2021). Studi Farmakovigilans Pada Pasien

- COVID-19. *Pharmacoscript*, 4(2), 194–208.
<https://doi.org/10.36423/pharmacoscript.v4i2.729>
- Sugiyono. (2017). Metode Penelitian Kuantitatif, Kualitatif, dan R&D. In *CV. Alfabetia*.
- Suyanto, & Susanto, A. (2016). Faktor-Faktor yang Berhubungan Dengan Kejadian Neuropati Perifer Diabetik. *Jurnal Keperawatan Dan Pemikiran Ilmiah*, 2(6), 1–7.
- Takaeb, M. J., & Mone, F. (2018). Pengaruh Model Pembelajaran Cooperative Tipe Group Investigation Berbantuan Media Gambar Terhadap Prestasi Belajar Siswa-Siswi Kelas VIII SMP Negeri 3 Soe. *Jurnal Sains dan Edukasi Sains*, 1(2), 33–38. <https://doi.org/10.24246/juses.v1i2p33-38>
- TBC Indonesia. (2023). Waspada dengan bakteri penyebab tuberkulosis. <https://www.tbindonesia.or.id/waspada-dengan-bakteri-penyebab-tuberkulosis/>
- Unissa, A., & Hanna, L. E. (2017). Molecular mechanisms of action, resistance, detection to the first-line anti tuberculosis drugs: Rifampicin and pyrazinamide in the post whole genome sequencing era. *Tuberculosis*, 105, 96–107. <https://doi.org/10.1016/j.tube.2017.04.008>
- Wang, P., Pradhan, K., Zhong, X., & Ma, X. (2016). Isoniazid metabolism and hepatotoxicity. *Acta Pharmaceutica Sinica B*, 6(5), 384–392. <https://doi.org/10.1016/j.apsb.2016.07.014>
- Widarti, W., & Nurqaidah, N. (2019). Analisis Kadar Serum Glutamic Pyruvic Transaminase (SGPT) Dan Serum Glutamic Oxaloacetic Transaminase (SGOT) Pada Petani Yang Menggunakan Pestisida. *Jurnal Media Analis Kesehatan*, 10(1), 35. <https://doi.org/10.32382/mak.v10i1.984>
- Wijaya, I. N., Faturrohmah, A., Agustin, W. W., Soesanto, T. G., Kartika, D., & Prasasti, H. (2015). Profil Kepatuhan Pasien Diabetes Melitus Puskesmas Wilayah Surabaya Timur Dalam Menggunakan Obat Dengan Metode Pill Count. 2(1).
- World Health Organisation. (2022). *Global Tuberculosis Report 2022*. World Health Organization. <Https://Www.Who.Int/News-Room/Fact-Sheets/Detail/Tuberculosis>
- World Health Organization. (2023). *Global Tuberculosis Report 2023* [January (Issue November)]. World Health Organization.
- World Health Organization (WHO). (2021). *Global Tuberculosis Report 2021*. World Health Organization.

- Wu, J.-T., Chiu, C.-T., Wei, Y.-F., & Lai, Y.-F. (2015). Comparison of the safety and efficacy of a fixed-dose combination regimen and separate formulations for pulmonary tuberculosis treatment. *Clinics*, 70(6), 429–434. [https://doi.org/10.6061/clinics/2015\(06\)08](https://doi.org/10.6061/clinics/2015(06)08)
- Wu, S., Xia, Y., Lv, X., Zhang, Y., Tang, S., Yang, Z., Tu, D., Deng, P., Cheng, S., Wang, X., Yuan, Y., Liu, F., Hu, D., & Zhan, S. (2012). Effect of scheduled monitoring of liver function during anti-Tuberculosis treatment in a retrospective cohort in China. *BMC Public Health*, 12(1), 454. <https://doi.org/10.1186/1471-2458-12-454>
- Wulandari, A. A., Nurjazuli, N., & Adi, M. S. (2016). Faktor Risiko dan Potensi Penularan Tuberkulosis Paru di Kabupaten Kendal, Jawa Tengah. *Jurnal Kesehatan Lingkungan Indonesia*, 14(1), 7–13.
- Wulandari, D. H. (2015). Analisis Faktor-Faktor yang Berhubungan dengan Kepatuhan Pasien Tuberkulosis Paru Tahap Lanjutan Untuk Minum Obat di RS Rumah Sehat Terpadu Tahun 2015. *Jurnal ARSI : Administrasi Rumah Sakit Indonesia*, 2(1). <https://doi.org/10.7454/arsi.v2i1.2186>
- Zeleke, A., Misiker, B., & Yesuf, T. A. (2020). Drug-induced hepatotoxicity among TB/HIV co-infected patients in a referral hospital, Ethiopia. *BMC Research Notes*, 13(1), 2. <https://doi.org/10.1186/s13104-019-4872-1>
- Zhang, Y., Shi, W., Zhang, W., & Mitchison, D. (2015). Mechanisms of pyrazinamide action and resistance. *Molecular Genetics of Mycobacteria*, 479–491. <https://doi.org/10.1128/9781555818845.ch24>