

REFERENCES

- Asemahagn, M. A., Alene, G. D., & Yimer, S. A. (2020). <p>Geographic Accessibility, Readiness, and Barriers of Health Facilities to Offer Tuberculosis Services in East Gojjam Zone, Ethiopia: A Convergent Parallel Design</p>. *Research and Reports in Tropical Medicine, Volume 11*, 3–16. <https://doi.org/10.2147/rrtm.s233052>
- Ayieko, J., Abuogi, L., Simchowitz, B., Bukusi, E. A., Smith, A. H., & Reingold, A. (2014). Efficacy of isoniazid prophylactic therapy in prevention of tuberculosis in children: A meta-analysis. *BMC Infectious Diseases, 14*(1). <https://doi.org/10.1186/1471-2334-14-91>
- Barathi, A., Krishnamoorthy, Y., Sinha, P., Horsburgh, C., Hochberg, N., Johnson, E., Salgame, P., Govindarajan, S., Senbagavalli, P. B., Lakshinarayanan, S., Roy, G., Ellner, J., & Sarkar, S. (2023a). Effect of treatment adherence on the association between sex and unfavourable treatment outcomes among tuberculosis patients in Puducherry, India: a mediation analysis. *Journal of Public Health (United Kingdom), 45*(2), 304–311. <https://doi.org/10.1093/pubmed/fdac062>
- Barathi, A., Krishnamoorthy, Y., Sinha, P., Horsburgh, C., Hochberg, N., Johnson, E., Salgame, P., Govindarajan, S., Senbagavalli, P. B., Lakshinarayanan, S., Roy, G., Ellner, J., & Sarkar, S. (2023b). Effect of treatment adherence on the association between sex and unfavourable treatment outcomes among tuberculosis patients in Puducherry, India: a mediation analysis. *Journal of Public Health (United Kingdom), 45*(2), 304–311. <https://doi.org/10.1093/pubmed/fdac062>
- Barreto-Duarte, B., Villalva-Serra, K., Campos, V. M. S., Cordeiro-Santos, M., Kritski, A. L., Araújo-Pereira, M., Rodrigues, M. M., Andrade, B. B., Moniz, G., Cruz, O., Fundação, F., Tropical, M., Heitor, D., & Dourado, V. (2024). *Nationwide economic analysis of pulmonary tuberculosis in the Brazilian healthcare system over seven years (2015-2022): a population-based study*. www.thelancet.com
- Basu Roy, R., Whittaker, E., Seddon, J. A., & Kampmann, B. (2019). Tuberculosis susceptibility and protection in children. In *The Lancet Infectious Diseases* (Vol. 19, Issue 3, pp. e96–e108). Lancet Publishing Group. [https://doi.org/10.1016/S1473-3099\(18\)30157-9](https://doi.org/10.1016/S1473-3099(18)30157-9)
- Berihe Hiluf, S., Abera, A., Bahiru, M., & Kassie, B. (2024). Determinants of unsuccessful tuberculosis treatment outcome in Southwest Ethiopia regional state public hospitals, 2022: a multi-center case control study. *Frontiers in Public Health, 12*, 1406211. <https://doi.org/10.3389/fpubh.2024.1406211>
- Buku Data Sampel 2015-2020 (1)*. (n.d.).
- Chen, X., Du, L., Wu, R., Xu, J., Ji, H., Zhang, Y., Zhu, X., & Zhou, L. (2020a). The effects of family, society and national policy support on treatment adherence among newly diagnosed tuberculosis patients: A cross-sectional study. *BMC Infectious Diseases, 20*(1). <https://doi.org/10.1186/s12879-020-05354-3>
- Chen, X., Du, L., Wu, R., Xu, J., Ji, H., Zhang, Y., Zhu, X., & Zhou, L. (2020b). The effects of family, society and national policy support on treatment adherence among newly diagnosed tuberculosis patients: A cross-sectional study. *BMC Infectious Diseases, 20*(1). <https://doi.org/10.1186/s12879-020-05354-3>
- Chen, X., Du, L., Wu, R., Xu, J., Ji, H., Zhang, Y., Zhu, X., & Zhou, L. (2020c). The effects of family, society and national policy support on treatment adherence among newly diagnosed tuberculosis patients: A cross-sectional study. *BMC Infectious Diseases, 20*(1). <https://doi.org/10.1186/s12879-020-05354-3>



- Chidambaram, V., Tun, N. L., Majella, M. G., Ruelas Castillo, J., Ayeh, S. K., Kumar, A., Neupane, P., Sivakumar, R. K., Win, E. P., Abbey, E. J., Wang, S., Zimmerman, A., Blanck, J., Gupte, A., Wang, J. Y., & Karakousis, P. C. (2021). Male sex is associated with worse microbiological and clinical outcomes following tuberculosis treatment: A retrospective cohort study, a systematic review of the literature, and meta-analysis. In *Clinical Infectious Diseases* (Vol. 73, Issue 9, pp. 1580–1588). Oxford University Press. <https://doi.org/10.1093/cid/ciab527>
- Chilyabanyama, R., Kamanga, N., & Mwandia, J. N. (2024). Factors associated with tuberculosis treatment outcomes among TB patients aged 15 years and older at chawama level one hospital in Lusaka, Zambia. *Global Public Health*, 19(1). <https://doi.org/10.1080/17441692.2024.2307979>
- Diniawati, E., & Wibowo, A. (2019). The Economic Burden and Non-Adherence Tuberculosis Treatment in Indonesia: Systematic Review. *KnE Life Sciences*, 4(10), 17. <https://doi.org/10.18502/kls.v4i10.3703>
- Duarte, R., Munsiff, S. S., Nahid, P., Saukkonen, J. J., Winston, C. A., Abubakar, I., Acuña-Villaorduña, C., Barry, P. M., Bastos, M. L., Carr, W., Chami, H., Chen, L. L., Chorba, T., Daley, C. L., Garcia-Prats, A. J., Holland, K., Konstantinidis, I., Lipman, M., Mammen, M. J., ... Wortham, J. M. (2025). Updates on the Treatment of Drug-Susceptible and Drug-Resistant Tuberculosis An Official ATS/CDC/ERS/IDSA Clinical Practice Guideline. In *American Journal of Respiratory and Critical Care Medicine* (Vol. 211, Issue 1, pp. 15–33). American Thoracic Society. <https://doi.org/10.1164/rccm.202410-2096ST>
- Falzon, D., Zignol, M., Bastard, M., Floyd, K., & Kasaeva, T. (2023a). The impact of the COVID-19 pandemic on the global tuberculosis epidemic. In *Frontiers in Immunology* (Vol. 14). Frontiers Media SA. <https://doi.org/10.3389/fimmu.2023.1234785>
- Falzon, D., Zignol, M., Bastard, M., Floyd, K., & Kasaeva, T. (2023b). The impact of the COVID-19 pandemic on the global tuberculosis epidemic. In *Frontiers in Immunology* (Vol. 14). Frontiers Media SA. <https://doi.org/10.3389/fimmu.2023.1234785>
- Fekadu, G., Bekele, F., Bekele, K., Girma, T., Mosisa, G., Gebre, M., Alemu, T., Tekle, T., Gamachu, B., & Diriba, A. (2020). Adherence to anti-tuberculosis treatment among pediatric patients at nekemte specialized hospital, Western Ethiopia. *Patient Preference and Adherence*, 14, 1259–1265. <https://doi.org/10.2147/PPA.S258292>
- Fuady, A., Houweling, T. A. J., Mansyur, M., Burhan, E., & Richardus, J. H. (2020a). Catastrophic costs due to tuberculosis worsen treatment outcomes: A prospective cohort study in Indonesia. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 114(9), 666–673. <https://doi.org/10.1093/trstmh/traa038>
- Fuady, A., Houweling, T. A. J., Mansyur, M., Burhan, E., & Richardus, J. H. (2020b). Catastrophic costs due to tuberculosis worsen treatment outcomes: A prospective cohort study in Indonesia. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 114(9), 666–673. <https://doi.org/10.1093/trstmh/traa038>
- Fuady, A., Houweling, T. A. J., Mansyur, M., & Richardus, J. H. (2018). Catastrophic total costs in tuberculosis-affected households and their determinants since Indonesia's implementation of universal health coverage. *Infectious Diseases of Poverty*, 7(1). <https://doi.org/10.1186/s40249-017-0382-3>
- Ghazy, R. M., El Saeh, H. M., Abdulaziz, S., Hammouda, E. A., Elzorkany, A. M., Khidr, H., Zarif, N., Elrewany, E., & Abd ElHafeez, S. (2022). A systematic review and meta-analysis of the catastrophic costs incurred by tuberculosis patients. *Scientific Reports*, 12(1). <https://doi.org/10.1038/s41598-021-04345-x>



- Guidoni, L. M., Zandonade, E., Fregona, G., Negri, L. D. S. A., de Oliveira, S. M. D. V. L., Do Prado, T. N., Sales, C. M. M., Coimbra, R. da S., Galavote, H. S., & Maciel, E. L. N. (2021). Catastrophic costs and social sequels due to tuberculosis diagnosis and treatment in Brazil*. *Epidemiologia e Servicos de Saude*, 30(3). <https://doi.org/10.1590/S1679-49742021000300012>
- Gunsaru, V., Henrion, M. Y. R., & McQuaid, C. F. (2024). The impact of the COVID-19 pandemic on tuberculosis treatment outcomes in 49 high burden countries. *BMC Medicine*, 22(1). <https://doi.org/10.1186/s12916-024-03532-7>
- Jiang, Y., Chen, J., Ying, M., Liu, L., Li, M., Lu, S., Li, Z., Zhang, P., Xie, Q., Liu, X., & Lu, H. (2023). Factors associated with loss to follow-up before and after treatment initiation among patients with tuberculosis: A 5-year observation in China. *Frontiers in Medicine*, 10. <https://doi.org/10.3389/fmed.2023.1136094>
- Kak, N., Chakraborty, K., Sadaphal, S., Almossawi, H. J., Calnan, M., & Vikarunnessa, B. (2020). Strategic priorities for TB control in Bangladesh, Indonesia, and the Philippines - Comparative analysis of national TB prevalence surveys. *BMC Public Health*, 20(1). <https://doi.org/10.1186/s12889-020-08675-9>
- Karya Kesehatan, M., Surya Pradipta, I., Darmawulan, N., Hadikrishna, I., Hanafitri, A., Padjadjaran, U., Keperawatan, F., & Kedokteran Gigi, F. (2022). *Ivan Surya Pradipta: Program Partisipasi Masyarakat dalam Meningkatkan Deteksi Kasus Program Partisipasi Masyarakat dalam Meningkatkan Deteksi Kasus dan Monitoring Pengobatan Tuberkulosis di Masa Pandemi Covid-19* (Vol. 5, Issue 2).
- Keng Tok, P. S., Liew, S. M., Wong, L. P., Razali, A., Loganathan, T., Chinna, K., Ismail, N., & Kadir, N. A. (2020). Determinants of unsuccessful treatment outcomes and mortality among tuberculosis patients in Malaysia: A registry-based cohort study. *PLoS ONE*, 15(4). <https://doi.org/10.1371/journal.pone.0231986>
- Kennedy-Shaffer, L. (2019). Before $p < 0.05$ to Beyond $p < 0.05$: Using History to Contextualize p-Values and Significance Testing. *American Statistician*, 73(sup1), 82–90. <https://doi.org/10.1080/00031305.2018.1537891>
- Kesehatan, K. (2025). *Buku Panduan Tenaga Medis dan Tenaga Kesehatan Tuberkulosis Langkah dalam Pencegahan, Deteksi Dini, dan Pendampingan Pasien TBC di Masyarakat*.
- Költringer, F. A., Annerstedt, K. S., Boccia, D., Carter, D. J., & Rudgard, W. E. (2023). The social determinants of national tuberculosis incidence rates in 116 countries: a longitudinal ecological study between 2005–2015. *BMC Public Health*, 23(1). <https://doi.org/10.1186/s12889-023-15213-w>
- Krishnan, L., Akande, T., Shankar, A. V., McIntire, K. N., Gounder, C. R., Gupta, A., & Yang, W.-T. (2014). Gender-Related Barriers and Delays in Accessing Tuberculosis Diagnostic and Treatment Services: A Systematic Review of Qualitative Studies. *Tuberculosis Research and Treatment*, 2014, 1–14. <https://doi.org/10.1155/2014/215059>
- Kuo, A., Teo, J., Morishita, F., Islam, T., Viney, K., Ong, C. W. M., Kato, S., Kim, H., Liu, Y., Oh, K. H., Yoshiyama, T., Ohkado, A., Rahevar, K., Kawatsu, L., Yanagawa, M., Prem, K., Yi, S., Giang Tran, H. T., & Marais, B. J. (2023). *Tuberculosis in older adults: challenges and best practices in the Western Pacific Region*. www.thelancet.com
- Lee, J. Y., Kwon, N., Goo, G. yeon, & Cho, S. il. (2022). Inadequate housing and pulmonary tuberculosis: a systematic review. *BMC Public Health*, 22(1). <https://doi.org/10.1186/s12889-022-12879-6>
- Liza Munira, S., Suriani Simarmata, O., Muhammad Noor Farid, M., Ariyati, R., Jusniar Ariati, M., Silalahi, A., Mardawaning Hanggarjita Elly Sardi Sam, Sk., Nabila Febby Yeni, S., & Agung



Sudilaksono, S. (n.d.). *LAPORAN HASIL STUDI INVENTORI TUBERKULOSIS INDONESIA 2023-2024*.

- Martinez, L., Cords, O., Horsburgh, C. R., Andrews, J. R., Acuna-Villaorduna, C., Desai Ahuja, S., Altet, N., Augusto, O., Baliashvili, D., Basu, S., Becerra, M., Bonnet, M., Henry Boom, W., Borgdorff, M., Boulahbal, F., Carvalho, A. C. C., Cayla, J. A., Chakhaia, T., Chan, P. C., ... Zhu, L. (2020). The risk of tuberculosis in children after close exposure: a systematic review and individual-participant meta-analysis. *The Lancet*, 395(10228), 973–984. [https://doi.org/10.1016/S0140-6736\(20\)30166-5](https://doi.org/10.1016/S0140-6736(20)30166-5)
- Martinez, L., Liu, (Q, Martinez, L., Cords, O., Liu, Q., Acuna-Villaorduna, C., Bonnet, M., Fox, G. J., Cristina, A., Carvalho, C., Chan, P.-C., Croda, J., Hill, P. C., Lopez-Varela, E., Donkor, S., Fielding, K., Graham, S. M., Espinal, M. A., Kampmann, B., ... Andrews, J. R. (2022a). Infant BCG vaccination and risk of pulmonary and extrapulmonary tuberculosis throughout the life course: a systematic review and individual participant data meta-analysis. In *Articles Lancet Glob Health* (Vol. 10). www.thelancet.com/
- Martinez, L., Liu, (Q, Martinez, L., Cords, O., Liu, Q., Acuna-Villaorduna, C., Bonnet, M., Fox, G. J., Cristina, A., Carvalho, C., Chan, P.-C., Croda, J., Hill, P. C., Lopez-Varela, E., Donkor, S., Fielding, K., Graham, S. M., Espinal, M. A., Kampmann, B., ... Andrews, J. R. (2022b). Infant BCG vaccination and risk of pulmonary and extrapulmonary tuberculosis throughout the life course: a systematic review and individual participant data meta-analysis. In *Articles Lancet Glob Health* (Vol. 10). www.thelancet.com/
- Martinez, L., Shen, Y., Mupere, E., Kizza, A., Hill, P. C., & Whalen, C. C. (2017). Transmission of Mycobacterium Tuberculosis in Households and the Community: A Systematic Review and Meta-Analysis. *American Journal of Epidemiology*, 185(12), 1327–1339. <https://doi.org/10.1093/aje/kwx025>
- Meiyanti, M., Bachtiar, A., Kusumaratna, R. K., Alfiyah, A., Machrumnizar, M., & Pusparini, P. (2024a). Tuberculosis treatment outcomes and associated factors: A retrospective study in West Nusa Tenggara, Indonesia. *Narra J*, 4(3). <https://doi.org/10.52225/narra.v4i3.1660>
- Meiyanti, M., Bachtiar, A., Kusumaratna, R. K., Alfiyah, A., Machrumnizar, M., & Pusparini, P. (2024b). Tuberculosis treatment outcomes and associated factors: A retrospective study in West Nusa Tenggara, Indonesia. *Narra J*, 4(3). <https://doi.org/10.52225/narra.v4i3.1660>
- Mohamed, M. S., Zary, M., Kafie, C., Chilala, C. I., Bahukudumbi, S., Foster, N., Gore, G., Fielding, K., Subbaraman, R., & Schwartzman, K. (2025). The impact of digital adherence technologies on treatment outcomes, adherence, and patient-reported outcomes in tuberculosis: a systematic review and meta-analysis. *BMC Infectious Diseases*, 25(1). <https://doi.org/10.1186/s12879-025-11503-3>
- Mohd Ghazali, S., Cheong, K. C., Md Nadzri, M. N., Mohd Ghazali, N., Cheng, L. M., Ahmad, L. C. R. Q., Kamarudin, M. K., Ahmad, N. A. R., Zulkifli, A. A., Ling, C. Y., Ruslan, Q., Singh, S., Gill, B. S., Razali, A., & Md Iderus, N. H. (2025a). Unmasking the Determinants of Loss to Follow-Up in Pulmonary Tuberculosis: A Study in Selangor, Malaysia. *Tropical Medicine and Infectious Disease*, 10(8), 226. <https://doi.org/10.3390/tropicalmed10080226>
- Mohd Ghazali, S., Cheong, K. C., Md Nadzri, M. N., Mohd Ghazali, N., Cheng, L. M., Ahmad, L. C. R. Q., Kamarudin, M. K., Ahmad, N. A. R., Zulkifli, A. A., Ling, C. Y., Ruslan, Q., Singh, S., Gill, B. S., Razali, A., & Md Iderus, N. H. (2025b). Unmasking the Determinants of Loss to Follow-Up in Pulmonary Tuberculosis: A Study in Selangor, Malaysia. *Tropical Medicine and Infectious Disease*, 10(8). <https://doi.org/10.3390/tropicalmed10080226>
- Mulaku, M. N., Nyagol, B., Owino, E. J., Ochodo, E., Young, T., & Steingart, K. R. (2023). Factors contributing to pre-treatment loss to follow-up in adults with pulmonary tuberculosis: a qualitative



- evidence synthesis of patient and healthcare worker perspectives. In *Global Health Action* (Vol. 16, Issue 1). Taylor and Francis Ltd. <https://doi.org/10.1080/16549716.2022.2148355>
- Munro, S. A., Lewin, S. A., Smith, H. J., Engel, M. E., Fretheim, A., & Volmink, J. (2007). *Patient Adherence to Tuberculosis Treatment: A Systematic Review of Qualitative Research*. 4, 1230. <https://doi.org/10.1371/journal.pmed>
- Nardell, E. A., Medical, H., Reviewed, S., & Muzny, C. A. (2022). *Tuberculosis (TB)*. https://www.merckmanuals.com/en-ca/professional/infectious-diseases/mycobacteria/tuberculosis-tb?utm_source=chatgpt.com
- Nidoi, J., Muttamba, W., Walusimbi, S., Imoko, J. F., Lochoro, P., Ictho, J., Mugenyi, L., Sekibira, R., Turyahabwe, S., Byaruhanga, R., Putoto, G., Villa, S., Raviglione, M. C., & Kirenga, B. (2021a). Impact of socio-economic factors on Tuberculosis treatment outcomes in north-eastern Uganda: a mixed methods study. *BMC Public Health*, 21(1). <https://doi.org/10.1186/s12889-021-12056-1>
- Nidoi, J., Muttamba, W., Walusimbi, S., Imoko, J. F., Lochoro, P., Ictho, J., Mugenyi, L., Sekibira, R., Turyahabwe, S., Byaruhanga, R., Putoto, G., Villa, S., Raviglione, M. C., & Kirenga, B. (2021b). Impact of socio-economic factors on Tuberculosis treatment outcomes in north-eastern Uganda: a mixed methods study. *BMC Public Health*, 21(1). <https://doi.org/10.1186/s12889-021-12056-1>
- Nugrahaeni, D. K., & Rosmalaningrum, L. (n.d.). *RISK FACTORS IN PULMONARY TUBERCULOSIS TREATMENT FAILURE*. <https://doi.org/10.20473/ijph.v11i6il.2021.12-22>
- Nur, N. T., Dessie, Y., Darcho, S. D., Berihun, S., & Ayele, B. H. (2025). Determinants of tuberculosis treatment failure in public health facilities of Jigjiga Town, Somali Regional State, Ethiopia: A multi-center case-control study. *Clinical Epidemiology and Global Health*, 32. <https://doi.org/10.1016/j.cegh.2025.101936>
- Oh, A. L., Makmor-Bakry, M., Islahudin, F., & Wong, I. C. K. (2023). Prevalence and predictive factors of tuberculosis treatment interruption in the Asia region: A systematic review and meta-analysis. *BMJ Global Health*, 8(1). <https://doi.org/10.1136/bmjgh-2022-010592>
- Oktamianti, P., Bachtiar, A., Sutoto, S., Trihandini, I., Prasetyo, S., Achadi, A., & Efendi, F. (2021). Tuberculosis control within Indonesia's hospital accreditation. In *Journal of Public Health Research* (Vol. 10).
- Olupot, B., Adrawa, N., Bajunirwe, F., & Izudi, J. (2021). HIV infection modifies the relationship between distance to a health facility and treatment success rate for tuberculosis in rural eastern Uganda. *Journal of Clinical Tuberculosis and Other Mycobacterial Diseases*, 23. <https://doi.org/10.1016/j.jctube.2021.100226>
- Probandari, A., Lindholm, L., Stenlund, H., Utarini, A., & Hurtig, A.-K. (2010). Missed opportunity for standardized diagnosis and treatment among adult Tuberculosis patients in hospitals involved in Public-Private Mix for Directly Observed Treatment Short-Course strategy in Indonesia: a cross-sectional study. In *BMC Health Services Research* (Vol. 10). <http://www.biomedcentral.com/1472-6963/10/113>
- Ranzani, O. T., Carvalho, C. R. R., Waldman, E. A., & Rodrigues, L. C. (2016). The impact of being homeless on the unsuccessful outcome of treatment of pulmonary TB in São Paulo State, Brazil. *BMC Medicine*, 14(1). <https://doi.org/10.1186/s12916-016-0584-8>
- Robsky, K. O., Robsky, K. O., Hughes, S., Kityamuwesi, A., Kendall, E. A., Kitonsa, P. J., Dowdy, D. W., Katamba, A., & Katamba, A. (2020). Is distance associated with tuberculosis treatment outcomes? A retrospective cohort study in Kampala, Uganda. *BMC Infectious Diseases*, 20(1). <https://doi.org/10.1186/s12879-020-05099-z>



- Rojanaworarit, C. (2020). Misleading Epidemiological and Statistical Evidence in the Presence of Simpson's Paradox: An Illustrative Study Using Simulated Scenarios of Observational Study Designs. *Journal of Medicine and Life*, 13(1), 37–44. <https://doi.org/10.25122/jml-2019-0120>
- Seid, M. A., Ayalew, M. B., Muche, E. A., Gebreyohannes, E. A., & Abegaz, T. M. (2018). Drug-susceptible tuberculosis treatment success and associated factors in Ethiopia from 2005 to 2017: A systematic review and meta-analysis. In *BMJ Open* (Vol. 8, Issue 9). BMJ Publishing Group. <https://doi.org/10.1136/bmjopen-2018-022111>
- Sengul, A., Akturk, U. A., Aydemir, Y., Kaya, N., Kocak, N. D., & Tasolar, F. T. (2015). Factors affecting successful treatment outcomes in pulmonary tuberculosis: A single-center experience in Turkey, 2005-2011. *Journal of Infection in Developing Countries*, 9(8), 821–828. <https://doi.org/10.3855/jidc.5925>
- Silva Rodrigues, O. A., Mogaji, H. O., Alves, L. C., Flores-Ortiz, R., Cremonese, C., & Nery, J. S. (2023). Factors associated with unsuccessful tuberculosis treatment among homeless persons in Brazil: A retrospective cohort study from 2015 to 2020. *PLoS Neglected Tropical Diseases*, 17(10 October). <https://doi.org/10.1371/journal.pntd.0011685>
- Skiles, M. P., Curtis, S. L., Angeles, G., Mullen, S., & Senik, T. (2018). Evaluating the impact of social support services on tuberculosis treatment default in Ukraine. *PLoS ONE*, 13(8). <https://doi.org/10.1371/journal.pone.0199513>
- Soeroto, A. Y., Pratiwi, C., Santoso, P., & Lestari, B. W. (2021). Factors affecting outcome of longer regimen multidrug-resistant tuberculosis treatment in West Java Indonesia: A retrospective cohort study. *PLoS ONE*, 16(2 February). <https://doi.org/10.1371/journal.pone.0246284>
- Sotgiu, G., D'Ambrosio, L., Centis, R., Bothamley, G., Cirillo, D. M., De Lorenzo, S., Guenther, G., Kliiman, K., Muetterlein, R., Spinu, V., Villar, M., Zellweger, J. P., Sandgren, A., Huitric, E., Lange, C., Manissero, D., & Migliori, G. B. (2011). TB and M/XDR-TB infection control in European TB reference centres: The Achilles' heel? In *European Respiratory Journal* (Vol. 38, Issue 5, pp. 1221–1223). <https://doi.org/10.1183/09031936.00029311>
- Sugiyono, R. I., Naysilla, A. M., Susanto, N. H., Handayani, D., Burhan, E., Karuniawati, A., Kusmiati, T., Wibisono, B. H., Riyanto, B. S., Sajinadiyasa, I. G. K., Djaharuddin, I., Sinaga, B. Y. M., Dewantara, R. D., Karyana, M., Kosasih, H., Liang, C. J., Ridzon, R., Neal, A. T., & Chen, R. Y. (2025). Treatment outcomes of pulmonary TB in adults in Indonesia. *IJTL D Open*, 2(3), 145–152. <https://doi.org/10.5588/ijtlldopen.24.0482>
- Surendra, H., Elyazar, I. R. F., Puspaningrum, E., Darmawan, D., Pakasi, T. T., Lukitosari, E., Sulisty, S., Deviernur, S. M., Fuady, A., Thwaites, G., van Crevel, R., Shankar, A. H., Baird, J. K., & Hamers, R. L. (2023). Impact of the COVID-19 pandemic on tuberculosis control in Indonesia: a nationwide longitudinal analysis of programme data. *The Lancet Global Health*, 11(9), e1412–e1421. [https://doi.org/10.1016/S2214-109X\(23\)00312-1](https://doi.org/10.1016/S2214-109X(23)00312-1)
- Teo, A. K. J., Morishita, F., Islam, T., Viney, K., Ong, C. W. M., Kato, S., Kim, H. J., Liu, Y., Oh, K. H., Yoshiyama, T., Ohkado, A., Rahevar, K., Kawatsu, L., Yanagawa, M., Prem, K., Yi, S., Tran, H. T. G., & Marais, B. J. (2023). Tuberculosis in older adults: challenges and best practices in the Western Pacific Region. In *The Lancet Regional Health - Western Pacific* (Vol. 36). Elsevier Ltd. <https://doi.org/10.1016/j.lanwpc.2023.100770>
- Tola, H. H., Tol, A., Shojaeizadeh, D., & Garmaroudi, G. (2015). Tuberculosis Treatment Non-Adherence and Lost to Follow Up among TB Patients with or without HIV in Developing Countries: A Systematic Review. In *Iran J Public Health* (Vol. 44, Issue 1). <http://ijph.tums.ac.ir>
- Tutu, D., Du Preez, (K, Hesseling, A. C., Seddon, J. A., Jenkins, E., Kobe, J., Cluster, M., Dolynska, M., Phd, A., Du Preez, K., Jenkins, H. E., Martinez, L., Chiang, S. S., Dlamini, S. S., Dolynska,



UNIVERSITAS
GADJAH MADA

The Effect of Socio-Economic Status on the Success of Treatment of Drug-Sensitive Tuberculosis Patients in Indonesia from 2020-2023; Secondary Data Analysis of BPJS and BPS

Brian Arianto Tanuwidjaja, dr. Riris Andono Ahmad, MPH, Ph.D.; dr. Bianda Dwida Pramudita, M.Sc.

Universitas Gadjah Mada, 2026 | Diunduh dari <http://etd.repository.ugm.ac.id/>

- M., Aleksandrin, A., Kobe, J., Graham, S. M., Hesselning, A. C., ... Dodd, P. J. (2025). Global burden of tuberculous meningitis in children aged 0-14 years in 2019: a mathematical modelling study. In *Articles Lancet Glob Health* (Vol. 13). www.thelancet.com/lancetgh
- Wasserstein, R. L., & Lazar, N. A. (2016). The ASA's Statement on p-Values: Context, Process, and Purpose. In *American Statistician* (Vol. 70, Issue 2, pp. 129–133). American Statistical Association. <https://doi.org/10.1080/00031305.2016.1154108>
- WHO consolidated guidelines on tuberculosis Module 4: Treatment Drug-susceptible tuberculosis treatment.* (n.d.).
- Wingfield, T., Tovar, M. A., Datta, S., Saunders, M. J., & Evans, C. A. (2018). Addressing social determinants to end tuberculosis. In *The Lancet* (Vol. 391, Issue 10126, pp. 1129–1132). Lancet Publishing Group. [https://doi.org/10.1016/S0140-6736\(18\)30484-7](https://doi.org/10.1016/S0140-6736(18)30484-7)
- Wingfield, T., Tovar, M. A., Huff, D., Boccia, D., Montoya, R., Ramos, E., Lewis, J. J., Gilman, R. H., & Evans, C. A. (2016). The economic effects of supporting tuberculosis-affected households in Peru. *European Respiratory Journal*, 48(5), 1396–1410. <https://doi.org/10.1183/13993003.00066-2016>
- Zhang, J., Shen, X., Yang, C., Chen, Y., Guo, J., Wang, D., Zhang, J., Lynn, H., Hu, Y., Pan, Q., & Zhang, Z. (2022). Spatial analysis of tuberculosis treatment outcomes in Shanghai: implications for tuberculosis control. *Epidemiology and Health*, 44. <https://doi.org/10.4178/epih.e2022045>
- Zhang, Z. (2016). Model building strategy for logistic regression: Purposeful selection. *Annals of Translational Medicine*, 4(6). <https://doi.org/10.21037/atm.2016.02.15>