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DAFTAR PUSTAKA

Alemu, A., Bitew, Z. W., Diriba, G., Seid, G., Eshetu, K., Chekol, M. T., et al. (2022). Tuberculosis incidence in patients with chronic kidney disease: a systematic review and meta-analysis. International Journal of Infectious Diseases, 122, 188-201.

Alhamawi, R. M., Shafea, B. Y., Bakhsh, H. H., Fayraq, L. A., Aloufi, S. T., Alharbi, T. F., et al. (2025). The Impact of Hemodialysis on Humoral and Cellular Immunity in Patients with Renal Failure. Journal of Clinical Medicine, 14, 6533.

Alpian, M. (2022). Diabetes Mellitus Tipe 2 (Dua) Dan Pengobatannya: Suatu Tinjauan Literatur. Journal of Public Health and Medical Studies, 1, 13-23.

Alshoabi, S. A., Almas, K. M., Aldofri, S. A., Hamid, A. M., Alhazmi, F. H., Alsharif, W. M., et al. (2022). The diagnostic deceiver: radiological pictorial review of tuberculosis. Diagnostics, 12, 306.

Alwi, I., Setiati, S., Syam, A. F., Sudoyo, A. wisaksono, Simadibrata, M., & Nasution, S. A. (2024). Buku Ajar Ilmu Penyakit Dalam (7th ed.). Internal Publishing.

Ayyappan, J. P., Ganapathi, U., Lizardo, K., Vinnard, C., Subbian, S., Perlin, D. S., et al. (2019). Adipose tissue regulates pulmonary pathology during TB infection. MBio, 10, 10.1128/mbio. 02771-18.

Berbudi, A., Rahmadika, N., Tjahjadi, A. I. & Ruslami, R. (2020). Type 2 diabetes and its impact on the immune system. Current diabetes reviews, 16, 442-449.

Bickett, T. E., & Karam, S. D. (2020). Tuberculosis–cancer parallels in immune response regulation. In International Journal of Molecular Sciences (Vol. 21, Issue 17, pp. 1–14). MDPI AG. https://doi.org/10.3390/ijms21176136

Carabalí-Isajar, M. L., Rodríguez-Bejarano, O. H., Amado, T., Patarroyo, M. A., Izquierdo, & M. A., Lutz., et al. (2023). Clinical manifestations and immune response to tuberculosis. In World Journal of Microbiology and Biotechnology (Vol. 39, Issue 8). Springer Science and Business Media B.V. https://doi.org/10.1007/s11274-023-03636-x

Chan, S. C. W. & Lau, C. S. (2021). Systemic lupus erythematosus and immunodeficiency. Rheumatology and Immunology Research, 2, 131-138.

Chen, C. Y., Sheng, W. H., Cheng, A., Tsay, W., Huang, S. Y., Tang, J. L., Chen, Y. C., & Wang, J. Y., et al. (2011). Clinical characteristics and outcomes of Mycobacterium tuberculosis disease in adult patients with hematological malignancies. BMC Infectious Diseases, 11. https://doi.org/10.1186/1471-2334-11-324

UNIVERSITAS GADJAH MADA
Perbandingan Karakteristik Klinis dan Radiologis Pasien Tuberkulosis Paru Terkonfirmasi Bakteriologis dengan Status Immunokompromais dan Immunokompeten yang Kontrol di Poliklinik Paru
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Dememew, Z., Deribew, A., Zegeye, A., Janfa, T., Kegne, T., Alemayehu, Y., et al. (2025). A high burden of infectious Tuberculosis cases among older children and young adolescents of the female gender in Ethiopia. Tropical Medicine and Infectious Disease, 10, 79.

Dhodapkar, M. V. & Dhodapkar, K. M. (2015).Immune modulation in hematologic malignancies. Seminars in oncology. Elsevier, 617-625.

Dobler, C. C., Cheung, K., Nguyen, J., & Martin, A. (2017). Risk of tuberculosis in patients with solid cancers and haematological malignancies: A systematic review and meta-analysis. In European Respiratory Journal (Vol. 50, Issue 2). European Respiratory Society. https://doi.org/10.1183/13993003.00157-2017

Dooley, K. E., & Chaisson, R. E. (2009). Tuberculosis and diabetes mellitus: convergence of two epidemics. In The Lancet Infectious Diseases (Vol. 9, Issue 12, pp. 737–746). https://doi.org/10.1016/S1473-3099(09)70282-8

Elkington, P., Polak, M. E., Reichmann, M. T. & Leslie, A. (2022). Understanding the tuberculosis granuloma: the matrix revolutions. Trends in Molecular Medicine, 28, 143-154.

El-Radhi, A. S. (2019). Pathogenesis of fever. Clinical manual of fever in children. Springer.

Field, S. K., Escalante, P., Fisher, D. A., Ireland, B., Irwin, R. S., Adams, T. M., et al. (2018). Cough due to TB and other chronic infections: CHEST guideline and expert panel report. Chest, 153, 467-497.

Flynn, J. L. & Chan, J. (2022). Immune cell interactions in tuberculosis. Cell, 185, 4682-4702.

Herrera, M. T., Guzmán-Beltrán, S., Bobadilla, K., Santos-Mendoza, T., Flores-Valdez, M. A., Gutiérrez-González, L. H., et al. (2022). Human pulmonary tuberculosis: understanding the immune response in the bronchoalveolar system. Biomolecules, 12, 1148.

Horne, D. J., Narita, M., Spitters, C. L., Parimi, S., Dodson, S., & Limaye, A. P. (2013). Challenging issues in tuberculosis in solid organ transplantation. Clinical Infectious Diseases, 57(10), 1473–1482. https://doi.org/10.1093/cid/cit488

Huang, L. K., Wang, H. H., Lai, Y. C., & Chang, S. C. (2017). The impact of glycemic status on radiological manifestations of pulmonary tuberculosis in diabetic patients. PLoS ONE, 12(6). https://doi.org/10.1371/journal.pone.0179750

Hunter, R. L. (2016). Tuberculosis as a three-act play: A new paradigm for the pathogenesis of pulmonary tuberculosis. Tuberculosis, 97, 8–17. https://doi.org/10.1016/j.tube.2015.11.010

Perbandingan Karakteristik Klinis dan Radiologis Pasien Tuberkulosis Paru Terkonfirmasi Bakteriologis dengan Status Immunokompromais dan Immunokompeten yang Kontrol di Poliklinik Paru
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Iskandar, D., Suwantika, A. A., Pradipta, I. S., Postma, M. J., & van Boven, J. F. M. (2023). Clinical and economic burden of drug-susceptible tuberculosis in Indonesia: national trends 2017–19. The Lancet Global Health, 11(1), e117–e125. https://doi.org/10.1016/S2214-109X(22)00455-7

Kalva, J., Babu, S. P., Narasimhan, P. B., Raghupathy, K., Ezhumalai, K., Knudsen, S., et al. (2023). Predictors of weight loss during the intensive phase of tuberculosis treatment in patients with drug-susceptible pulmonary tuberculosis in South India. Journal of Public Health, 45, 545-552.

Kchouk, H., Ben Mansour, A., Ezzaouia, A., Slim, A., Ben Saad, & S., Daghfous, H., et al. (2019). Tuberculosis of the immunocompromised: what particularities? Tuberculosis, PA2977. https://doi.org/10.1183/13993003.congress-2019.PA2977

Kemenkes RI. (2020). Pedoman Nasional Pelayanan Kedokteran Tatalaksana Tuberkulosis. Kemenkes RI.

Kim, D. K., Lee, S. W., Yoo, C. G., Kim, Y. W., Han, S. K., & Shim, Y. S., et al. (2005). Clinical characteristics and treatment responses of tuberculosis in patients with malignancy receiving anticancer chemotherapy. Chest, 128(4), 2218–2222. https://doi.org/10.1378/chest.128.4.2218

Kobashi, Y., Mouri, K., Yagi, S., Obase, Y., Miyashita, N., & Okimoto, N, et al. (2007). Clinical features of immunocompromised and nonimmunocompromised patients with pulmonary tuberculosis. Journal of Infection and Chemotherapy, 13(6), 405–410. https://doi.org/10.1007/s10156-007-0558-z

Leffondré, K., Abrahamowicz, M., Siemiatycki, J., & Rachet, B. (2002). Modeling smoking history: A comparison of different approaches. American Journal of Epidemiology, 156(9), 813–823. https://doi.org/10.1093/aje/kwf122

Liu, Q.-X., Tang, D.-Y., Xiang, X. & He, J.-Q. (2022). Associations between nutritional and immune status and clinicopathologic factors in patients with tuberculosis: A comprehensive analysis. Frontiers in cellular and infection microbiology, 12, 1013751.

Lopez De Castilla, D., & Schluger, N. W. (2010). Tuberculosis following solid organ transplantation. Transplant Infectious Disease, 12(2), 106–112. https://doi.org/10.1111/j.1399-3062.2009.00475.x

Loscalzo, J. editor., Fauci, A. S. , 1940-editor, Kasper, D. L. , editor, Hauser, S. L. , editor, Longo, D. L. 1949-editor, & Jameson, J. L. editor. (2022). Harrison's principles of internal medicine: Vol. 2 volumes (21st edition). McGraw Hill.

Machuca, I., Vidal, E., de la Torre-Cisneros, J., & Rivero-Román, A. (2018). Tuberculosis in immunosuppressed patients. Enfermedades Infecciosas y Microbiologia Clinica, 36(6), 366–374. https://doi.org/10.1016/j.eimc.2017.10.009

UNIVERSITAS GADJAH MADA
Perbandingan Karakteristik Klinis dan Radiologis Pasien Tuberkulosis Paru Terkonfirmasi Bakteriologis dengan Status Immunokompromais dan Immunokompeten yang Kontrol di Poliklinik Paru
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Mahomed, H., Ehrlich, R., Hawkridge, T., Hatherill, M., Geiter, L., Kafaar, F., et al. (2013). TB incidence in an adolescent cohort in South Africa. PLoS one, 8, e59652.

Mathur, M., Badhan, R. K., Kumari, S., Kaur, N., & Gupta, S. (2017). Radiological manifestations of pulmonary tuberculosis - A comparative study between immunocompromised and immunocompetent patients. Journal of Clinical and Diagnostic Research, 11(9), TC06–TC09. https://doi.org/10.7860/JCDR/2017/28183.10535

Metry, A. M., Salmi, I. Al, Al-Abri, S., Ismaili, F. Al, Mahrouqi, Y. & Al, Hola, A., et al. (2017). Epidemiology and Outcome of Tuberculosis in Immunocompromised Patients. Article in Saudi Journal of Kidney Diseases and Transplantation, 28(4), 806–817. https://www.researchgate.net/publication/318760558

Migliori, G. B., Ong, C. W. M., Petrone, L., D'ambrosio, L., Centis, R., & Goletti, D. (2021). The definition of tuberculosis infection based on the spectrum of tuberculosis disease. In Breathe (Vol. 17, Issue 3). European Respiratory Society. https://doi.org/10.1183/20734735.0079-2021

Mirahmadizadeh, A., Sharafi, M., Hassanzadeh, J. & Seif, M. (2023). Prevalence and risk factors associated with tuberculosis and HIV coinfection in Iran: A multivariate firth logistic regression for rare events. The Journal of Infection in Developing Countries, 17, 1775-1781.

Miras, M. del M. A., Hidalgo Tenorio, C., & Jimenez Alonso, J. (2013). Tuberculosis in Patients With Systemic Lupus Erythematosus: Spain's Situation. In Reumatol Clin (Vol. 9, Issue 6). www.reumatologiaclinica.org

Mulia, M., Supartono, B., Yulianti, R. & Amalia, M. (2025). Association between BMI, Immunocompromised Status, and Pulmonary TB History with Severity of TB Spondylitis. Jurnal Ilmiah Kedokteran Wijaya Kusuma, 14, 192-200.

Olatunji, A., Olatunji, P. & Salako, A. (2016). Radiographic chest findings and immunological status in HIV-positive patients with tuberculosis coinfection in a sub-urban Nigerian tertiary hospital. Indian Journal of Tuberculosis, 63, 74-78.

Pai, M., Behr, M. A., Dowdy, D., Dheda, K., Divangahi, M., & Boehme, C. C., et al. (2016). Tuberculosis. In Nature Reviews Disease Primers (Vol. 2). Nature Publishing Group. https://doi.org/10.1038/nrdp.2016.76

Park, D. W., Chung, S. J., Yeo, Y., Park, T. S., Lee, H., & Moon, J. Y., et al. (2019). Therapeutic issues with, and long-term outcomes of, pulmonary mycobacterial tuberculosis treatment in patients with autoimmune rheumatic diseases. Journal of Thoracic Disease, 11(11), 4573–4582. https://doi.org/10.21037/jtd.2019.10.74

Perbandingan Karakteristik Klinis dan Radiologis Pasien Tuberkulosis Paru Terkonfirmasi Bakteriologis dengan Status Immunokompromais dan Immunokompeten yang Kontrol di Poliklinik Paru
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Park, J. H., Choe, J., Bae, M., Choi, S., Jung, K. H., & Kim, M. J., et al. (2019). Clinical characteristics and radiologic features of immunocompromised patients with pauci-bacillary pulmonary tuberculosis receiving delayed diagnosis and treatment. Open Forum Infectious Diseases, 6(2). https://doi.org/10.1093/ofid/ofz002

Philips, J. A. & Ernst, J. D. (2012). Tuberculosis pathogenesis and immunity. Annual Review of Pathology: Mechanisms of Disease, 7, 353-384.

Prakash, L. K. B., Mane, M., Sahu, S., Vimala, L. R., Jha, P., Rebecca, G., et al. (2024). Pulmonary Tuberculosis in Immunocompromised Patients: A Review. Indographics, 03(02), 054–071. https://doi.org/10.1055/s-0044-1787792

Proaño, A., Bui, D. P., López, J. W., Vu, N. M., Bravard, M. A., Lee, G. O., et al. (2018). Cough frequency during treatment associated with baseline cavitary volume and proximity to the airway in pulmonary TB. Chest, 153, 1358-1367.

Ramagopalan, S. V., Goldacre, R., Skingsley, A., Conlon, C., & Goldacre, M. J. (2013). Associations between selected immune-mediated diseases and tuberculosis: Record-linkage studies. BMC Medicine, 11(1). https://doi.org/10.1186/1741-7015-11-97

Rambaran, S., Naidoo, K., Lewis, L., Hassan-Moosa, R., Govender, D., Samsunder, N., et al. (2021). Effect of inflammatory cytokines/chemokines on pulmonary tuberculosis culture conversion and disease severity in HIV-infected and-uninfected individuals from South Africa. Frontiers in Immunology, 12, 641065.

Reynosa, M. E. C., Caal, M. E., Mercado, D., Medina, N., Pérez, J. C., & Emeto, T. I., et al. (2024). Clinical characteristics, diagnosis, treatment and outcomes of patients living with HIV and co-infected with tuberculosis and histoplasmosis: a 5-y retrospective case series. Transactions of the Royal Society of Tropical Medicine and Hygiene, 118(6), 391–398. https://doi.org/10.1093/trstmh/trad104

Robert, M., & Miossec, P. (2021). Reactivation of latent tuberculosis with TNF inhibitors: critical role of the beta 2 chain of the IL-12 receptor. In Cellular and Molecular Immunology (Vol. 18, Issue 7, pp. 1644–1651). Springer Nature. https://doi.org/10.1038/s41423-021-00694-9

Romanowski, K., Clark, E. G., Levin, A., Cook, V. J., & Johnston, J. C. (2016). Tuberculosis and chronic kidney disease: an emerging global syndemic. In Kidney International (Vol. 90, Issue 1, pp. 34–40). Elsevier B.V. https://doi.org/10.1016/j.kint.2016.01.034

Rusmajati, J., Hanif, A. A. & Desdiani, D. (2025). Radiological, Clinical, and Microbiological Manifestations of Pulmonary Tuberculosis Patients of a

Perbandingan Karakteristik Klinis dan Radiologis Pasien Tuberkulosis Paru Terkonfirmasi Bakteriologis dengan Status Immunokompromais dan Immunokompeten yang Kontrol di Poliklinik Paru
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Secondary Hospital in Indonesia. Jurnal Ilmiah Multidisiplin Indonesia (JIM-ID), 4, 880-894.

Salgado-Bustamante, M., Rocha-Viggiano, A. K., Rivas-Santiago, C., Magaña-Aquino, M., López, J. A., & López-Hernández, Y. (2018). Metabolomics applied to the discovery of tuberculosis and diabetes mellitus biomarkers. In Biomarkers in Medicine (Vol. 12, Issue 9, pp. 1001–1013). Future Medicine Ltd. https://doi.org/10.2217/bmm-2018-0050

Seid, G., Alemu, A., Diriba, G., Hailu, M., Wondimu, A., Tadesse, M., et al. (2025). Active tuberculosis in household contacts of bacteriologically confirmed pulmonary tuberculosis patients: A multicenter study finding the 'Missed One'in Central Ethiopia. Plos one, 20, e0316903.

Shankar, E. M., Vignesh, R., Ellegård, R., Barathan, M., Chong, Y. K., & Bador, M. K., et al. (2014). HIV-Mycobacterium tuberculosis co-infection: A "danger-couple model" of disease pathogenesis. In Pathogens and Disease (Vol. 70, Issue 2, pp. 110–118). Blackwell Publishing Ltd. https://doi.org/10.1111/2049-632X.12108

Shao, C., Qu, J. & He, L. (2003). A comparative study of clinical manifestations caused by tuberculosis in immunocompromised and non-immunocompromised patients. Chinese medical journal, 116, 1717-1722.

Shu, C. C., Liao, K. M., Chen, Y. C., Wang, J. J., & Ho, C. H. (2019). The burdens of tuberculosis on patients with malignancy: incidence, mortality and relapse. Scientific Reports, 9(1). https://doi.org/10.1038/s41598-019-48395-8

Silva, D. R., Menegotto, D. M., Schulz, L. F., Gazzana, M. B. & Dalcin, P. d. T. R. (2010). Clinical characteristics and evolution of non-HIV-infected immunocompromised patients with an in-hospital diagnosis of tuberculosis. Jornal Brasileiro de Pneumologia, 36, 475-484.

Skoura, E., Zumla, A., & Bomanji, J. (2015). Imaging in tuberculosis. In International Journal of Infectious Diseases (Vol. 32, pp. 87–93). Elsevier. https://doi.org/10.1016/j.ijid.2014.12.007

Snow, K. J., Nelson, L. J., Sismanidis, C., Sawyer, S. M. & Graham, S. M. (2018a). Incidence and prevalence of bacteriologically confirmed pulmonary tuberculosis among adolescents and young adults: a systematic review. Epidemiology & Infection, 146, 946-953.

Snow, K. J., Sismanidis, C., Denholm, J., Sawyer, S. M. & Graham, S. M. (2018b). The incidence of tuberculosis among adolescents and young adults: a global estimate. European Respiratory Journal, 51.

Sterling, T. R., Pham, P. A., & Chaisson, R. E. (2010). HIV infection-related tuberculosis: Clinical manifestations and treatment. In Clinical Infectious Diseases (Vol. 50, Issue SUPPL. 3). https://doi.org/10.1086/651495

UNIVERSITAS GADJAH MADA
Perbandingan Karakteristik Klinis dan Radiologis Pasien Tuberkulosis Paru Terkonfirmasi Bakteriologis dengan Status Immunokompromais dan Immunokompeten yang Kontrol di Poliklinik Paru Infeksi Rumah Sakit Umum Pusat DR. Sardjito
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Sulis, G., Roggi, A., Matteelli, A., & Raviglione, M. C. (2014). Tuberculosis: Epidemiology and control. In Mediterranean Journal of Hematology and Infectious Diseases (Vol. 6, Issue 1). Universita Cattolica del Sacro Cuore. https://doi.org/10.4084/mjhid.2014.070

Takhar, R. P., Mirdha, K., Purohit, G., Maan, L., & Bainara, M. K. (2018). Impact of HIV Co-Infection on Clinical Presentation in Patients with TB and Correlation of the Findings with Level of Immune Suppression. Tanaffos, 17(3), 188–197.

Tam, L.-S., Li, E. K., Wong, S.-M., & Szeto, C.-C. (2002). Risk factors and clinical features for tuberculosis among patients with systemic lupus erythematosus in Hong Kong.

Tong, X., Wang, D., Wang, H., Liao, Y., Song, Y., & Li, Y., et al. (2021). Clinical features in pulmonary tuberculosis patients combined with diabetes mellitus in China: An observational study. Clinical Respiratory Journal, 15(9), 1012–1018. https://doi.org/10.1111/crj.13405

Turner, R. D. (2019). Cough in pulmonary tuberculosis: Existing knowledge and general insights. Pulmonary pharmacology & therapeutics, 55, 89-94.

Turner, R., Birring, S. & Bothamley, G. 2015. S37 The response of objectively-measured cough to treatment in tuberculosis: an exploratory study. BMJ Publishing Group Ltd.

Turner, R., Birring, S., Darmalingam, M., Hooper, R., Kunst, H., Matos, S., et al. (2018). Daily cough frequency in tuberculosis and association with household infection. The International Journal of Tuberculosis and Lung Disease, 22, 863-870.

Uchida, Y., & Soejima, K. (2022). Clinical characteristics of patients simultaneously diagnosed with lung cancer and active pulmonary tuberculosis in countries where tuberculosis is moderately endemic. In Translational Cancer Research (Vol. 11, Issue 8, pp. 2480–2482). AME Publishing Company. https://doi.org/10.21037/tcr-22-1904

Verstraeten, R., Cossa, M., Martinez, L., Nelson, K., Nguenha, D. & García-Basteiro, A. L. (2023). Epidemiology: the current burden of tuberculosis and its determinants. W: Garcia-Basteiro AL, Oner Eyuboglu F, Rangaka MX, red. The Challenge of Tuberculosis in the 21st Century (ERS Monograph). Sheffield, European Respiratory Society, 18-33.

Victorio-Navarra, S. T. G., Dy, E. E. R., Arroyo, C. G. & Torralba, T. P. Tuberculosis among Filipino patients with systemic lupus erythematosus. Seminars in arthritis and rheumatism, 1996. Elsevier, 628-634.

Vikrant, S. (2019). Clinical profile of tuberculosis in patients with Chronic Kidney Disease: A Report from an Endemic Cauntry. Saudi Journal of Kidney Diseases and Transplantation.

UNIVERSITAS GADJAH MADA
Perbandingan Karakteristik Klinis dan Radiologis Pasien Tuberkulosis Paru Terkonfirmasi Bakteriologis dengan Status Immunokompromais dan Immunokompeten yang Kontrol di Poliklinik Paru Infeksi Rumah Sakit Umum Pusat DR. Sardjito
Eida Agisa Dewi, dr. Sumardi, SpPD-KP.; dr. Nur Rahmi Ananda, SpPD-KP
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Waako, J., Verver, S., Wajja, A., Ssengooba, W., Joloba, M. L., Colebunders, R., et al. (2013). Burden of tuberculosis disease among adolescents in a rural cohort in Eastern Uganda. BMC Infectious Diseases, 13, 349.

Wetscherek, M. T., Sadler, T. J., Lee, J. Y., Karia, S. & Babar, J. L. (2022). Active pulmonary tuberculosis: something old, something new, something borrowed, something blue. Insights into imaging, 13, 3.

WHO. (2022). WHO consolidated guidelines on tuberculosis Module 4: Treatment Drug-resistant tuberculosis treatment 2022 update. WHO.

WHO. (2024). WHO consolidated guidelines on tuberculosis Module 3: Diagnosis Rapid diagnostics for tuberculosis detection. WHO.

Wong, K., Nguyen, J., Blair, L., Banjanin, M., Grewal, B., & Bowman, S., et al. (2020). Pathogenesis of human immunodeficiency virus-mycobacterium tuberculosis co-infection. In Journal of Clinical Medicine (Vol. 9, Issue 11, pp. 1–23). MDPI. https://doi.org/10.3390/jcm9113575

Workneh, M. H., Bjune, G. A., & Yimer, S. A. (2017). Prevalence and associated factors of tuberculosis and diabetes mellitus comorbidity: A systematic review. In PLoS ONE (Vol. 12, Issue 4). Public Library of Science. https://doi.org/10.1371/journal.pone.0175925

Yun, J.-E., Lee, S.-W., Kim, T.-H., Jun, J.-B., Jung, S., & Bae, S.-C., et al. (2002). The incidence and clinical characteristics of Mycobacterium tuberculosis infection among systemic lupus erythematosus and rheumatoid arthritis patients in Korea Tuberculosis in SLE and RA patients / J-E Yun et al. In Clinical and Experimental Rheumatology (Vol. 20).