

DAFTAR PUSTAKA

1. Riskesdas. Provinsi Sumatera Barat Riskesdas 2018. Laporan Riskesdas Nasional 2018. 2018. 493 p.-diakses April 2021
2. Sataloff RT, Johns MM, Kost KM. Global Tuberculosis Report. World Health Organization; 2020.
3. Kemenkes RI. Infodatin Tuberkulosis. Kementeri Kesehat RI. 2018;1–8.
4. Dinkes Provinsi Sumbar. Profil Dinas Kesehatan Sumatera Barat Tahun 2017. Germas. 2017;145.-diakses April 2021
5. Riskesdas. Hasil Utama Riset Kesehatan Dasar. Kementrian Kesehat Republik Indones. 2018;1–100.-diakses April 2021
6. Dinas Kesehatan Kota Padang. Profil Kesehatan Tahun 2019 Dinas Kesehatan Kota Padang.-diakses April 2021
7. Dinas Kesehatan Kota Surabaya. Profil Dinas Kesehatan Kota Surabaya. Dinas Kesehat. 2017;163.-diakses April 2021
8. Bajrami R, Mulliqi G, Kurti A, Lila G, Raka L. Comparison of genexpert MTB/RIF and conventional methods for the diagnosis of tuberculosis in Kosovo. J Infect Dev Ctries. 2016;10(4):418–22.
9. Saputri IN, Muthe EL. Multidrug-Resistant Tuberculosis and Implementation of Control Measures in Ketapang District. J Respirologi Indones. 2020;40(1):6–15.
10. Akyar I, Kocagoz T, Sinik G, Oktem S, Aytekin N, Kocagoz S. Lateral flow assay for rapid differentiation of *Mycobacterium tuberculosis* complex and 97 species of mycobacteria other than tuberculosis grown in Lwenstein-Jensen and TK-SLC medium. Indian J Med Microbiol. 2010;28(4):308–12.
11. Susilawati TN, Larasati R. A recent update of the diagnostic methods for tuberculosis and their applicability in indonesia: A narrative review. Med J Indones. 2019;28(3):284–91.
12. Bojang AL, Mendy FS, Tientcheu LD, Otu J, Antonio M, Kampmann B, et al. Comparison of TB-LAMP, GeneXpert MTB/RIF and culture for diagnosis of pulmonary tuberculosis in The Gambia. J Infect. 2016;72(3):332–7.
13. Murtafi'ah N, Fadhilah FR, Krisdaryani R. Perbandingan hasil pemeriksaan *Mycobacterium tuberculosis* dengan GeneXpert dan pewarnaan Ziehl Neelsen di rumah sakit Mitra Anugrah Lestari. Ris Inf Kesehat. 2020;9(2):188.

14. Mekkaoui L, Hallin M, Mouchet F, Payen MC, Maillart E, Clevenbergh P, et al. Performance of Xpert MTB/RIF Ultra for diagnosis of pulmonary and extra-pulmonary tuberculosis, one year of use in a multi-centric hospital laboratory in Brussels, Belgium. *PLoS One*. 2021;16(4 April):1–16.
15. Malik MI, Ejaz T, Ahmed J, Arshad K, Jamal Y, Zohfreen Z. Diagnostic accuracy of genexpert assay and comparison with smear afb on bronchial washings in sputum negative suspected pulmonary tuberculosis. *2019;69(4):857–63*.
16. World Health Organization (WHO). 2020. Are Updated Every Year . for the Tuberculosis. https://www.who.int/tb/publications/global_report/en/-diakses Mei 2021
17. Wijaya MSD, Mantik MFJ, Rampengan NH. Faktor Risiko Tuberkulosis pada Anak. *2021;9(28):124–33*.
18. World Health Organization (WHO). 2020. Definitions and reporting framework for tuberculosis - 2013 revision. 20455 p. <http://www.ncbi.nlm.nih.gov/pubmed/23611033>-diakses Mei 2021
19. Hidayati A, Darni Z. Penerapan Pendidikan Kesehatan Perawatan TB Paru. *JIKO (Jurnal Ilm Keperawatan Orthop)*. 2018;2(2):10–25.
20. Aini N, Hatta HR. Sistem pakar pendiagnosa penyakit tuberkulosis. *2017;12(1):56–63*.
21. Atmanto GE, Maranatha D. Seorang Wanita Dengan Tb Paru Kasus Baru Dan Tb Ekstra Paru Multiple. *J Respirasi*. 2019;5(1):10.
22. Farhat MR, Shapiro BJ, Kieser KJ, Sultana R, Jacobson KR, Victor TC, et al. Genomic analysis identifies targets of convergent positive selection in drug-resistant *Mycobacterium tuberculosis*. *Nat Genet*. 2013;45(10):1183–9.
23. Roya-Pabon CL, Perez-Velez CM. Tuberculosis exposure, infection and disease in children: a systematic diagnostic approach. *Pneumonia*. 2016;8(1):1–18.
24. Budi IS, Ardillah Y, Sari IP, Septiawati D. Analisis Faktor Risiko Kejadian penyakit Tuberculosis Bagi Masyarakat Daerah Kumuh Kota Palembang. *J Kesehat Lingkung Indones*. 2018;17(2):87.
25. Yuniar I, Lestari SD. Hubungan Status Gizi Dan Pendapatan Terhadap Kejadian Tuberkulosis Paru. *J Perawat Indones*. 2017;1(1):18.
26. Marhana IA, Anggraeni AT. Problem Terapeutik pada Empiema Terlokulasi

- karena Tuberkulosis. J Respirasi. 2020;4(3):86.
27. Anggraeni DE, Rahayu SR. Gejala Klinis Tuberkulosis Pada Keluarga Penderita Tuberkulosis BTA Positif. HIGEIA J Public Heal Res Dev. 2018;2(1):91–101.
 28. Irianti T, Kuswandi, Yasin NM, Kusumaningtyas RA. 2016. Buku Anti-Tuberkulosis. Yogyakarta: Universitas Gadjah Mada. 225 p.
 29. Luies L, Preez I du. The echo of pulmonary tuberculosis: Mechanisms of clinical symptoms and other disease-induced systemic complications. Clin Microbiol Rev. 2020;33(4):1–19.
 30. Acharya B, Acharya A, Gautam S, Ghimire SP, Mishra G, Parajuli N, et al. Advances in diagnosis of Tuberculosis: an update into molecular diagnosis of *Mycobacterium tuberculosis*. Mol Biol Rep. 2020;47(5):4065–75.
 31. Purnama SG. 2016. Buku Petunjuk Teknis Manajemen dan tatalaksana TB Anak. Minist Heal Repub Indones;112.
 32. Budiharjo T, Purjanto KA. Pengaruh Penanganan Sputum Terhadap Kualitas Sputum Penderita Tbc Secara Mikroskpis Bakteri Tahan Asam. J Ris Kesehat 2016;5(1):40–4.
 33. Kurniawan E, Arsyad Z. Artikel Penelitian Nilai Diagnostik Metode “ Real Time ” PCR GeneXpert pada TB Paru BTA Negatif. J Kesehat Andalas. 2016;5(3):730–8.
 34. Mirawati MM, Lestari EL. Pengaruh Pemberian Karbol Fuchsin Dan Pemanasan Sputum Sebelum Pembuatan Sediaan Terhadap Hasil Pewarnaan Bta. J Ilmu dan Teknol Kesehat. 2017;5(1):23–33.
 35. Meaza A, Kebede A, Yaregal Z, Dagne Z, Moga S, Yenew B, et al. Evaluation of genotype MTBDRplus VER 2.0 line probe assay for the detection of MDR-TB in smear positive and negative sputum samples. BMC Infect Dis. 2017;17(1):1–8.
 36. Susilawati TN, Saptawati L, Damayanti KE, Larasati R. Evaluation of GeneXpert MTB/RIF Method Using Raw Sputum Samples for Detecting Pulmonary Tuberculosis. J Epidemiol Kesehat Indones. 2018;2(1):7–10.
 37. Saeed M, Ahmad M, Iram S, Riaz S, Akhtar M, Aslam M. GeneXpert technology. 2017;38(7):699–705. j
 38. Mahomed S, Dlamini-Mvelase NR, Dlamini M, Mlisana K. Failure of BACTECTM MGIT 960TM to detect *Mycobacterium tuberculosis* complex within a 42-day incubation period. Afr J Lab Med. 2017;6(1):2010–2.

39. Porcel JM. Advances in the diagnosis of tuberculous pleuritis. *Ann Transl Med.* 2016;4(15):4–10.
40. Chan NS-W, Chee S-P. Tuberculin Skin Test and Interferon- γ Release Assays in the Diagnosis of Ocular Tuberculosis. *Essentials Ophthalmol.* 2017;35–49.
41. Sharma SK, Vashishtha R, Chauhan LS, Sreenivas V, Seth D. Comparison of TST and IGRA in diagnosis of latent tuberculosis infection in a high TB-burden setting. *PLoS One.* 2017;12(1):1–11.
42. Unissa AN, Subbian S, Hanna LE, Selvakumar N. Overview on mechanisms of isoniazid action and resistance in *Mycobacterium tuberculosis*. *Infect Genet Evol.* 2016;45:474–92.
43. Menzies D, Adjibimey M, Ruslami R, Trajman A, Sow O, Kim H, et al. Four Months of Rifampin or Nine Months of Isoniazid for Latent Tuberculosis in Adults. *N Engl J Med.* 2018;379(5):440–53.
44. Wahyuningrum WH, Indrati AR, Rachmayati S, Turbawaty DK. Uji Diagnostik Pemeriksaan Kadar Transforming Growth Factor Beta 1 Cairan Pleura pada Pleuritis Tuberkulosis. *Maj Kedokt Bandung.* 2017;49(4):259–66.
45. Dwianggita P. Etiologi Efusi Pleura Pada Pasien Rawat Inap Di Rumah Sakit Umum Pusat Sanglah, Denpasar, Bali Tahun 2013. *Intisari Sains Medis.* 2016;7(1):57.
46. Gomes RR. A Rare Case of Reactive Arthritis Accompanying Pulmonary Tuberculosis: Poncet's Disease A Rare Case of Reactive Arthritis Accompanying Pulmonary Tuberculosis:Poncet's Disease Journal of Medical Clinical Case Reports Case Report. *J Med Case.* 2020;2(12):2020.
47. Dudnyk A, Blyzniuk S, Pavel'chuk O, Zakharchenko O, Butov D, Zaikov S. Initial airflow obstruction in new cases of pulmonary tuberculosis: Complication, comorbidity or missed? *Indian J Tuberc.* 2018;65(1):63–9.
48. Mahmoud ES, Baharoon SA, Alsafi E, Al-Jahdali H. Acute respiratory distress syndrome complicating community-acquired pneumonia secondary to *mycobacterium tuberculosis* in a tertiary care center in Saudi Arabia. *Saudi Med J.* 2016;37(9):973–8.
49. Widyaningsih PD, Koesoemoprodjo W. Seorang Perempuan Terinfeksi Tuberkulosis dengan Manifestasi Sindroma Distres Napas Akut (ARDS). *J Respirasi.* 2019;2(1):6.
50. Basuki K. Terapi Latihan Mendukung Optimalisasi Kondisi Fisik Penderita Sindrom Obstruksi Paska Tuberkulosis : Case Report di RS Khusus Paru

Respira Bantul. J Online Int Nas Vol 7 No1, Januari – Juni 2019 Univ 17 Agustus 1945 Jakarta. 2019;53(9):1689–99.

51. Desdiani, Rengganis I, Djauzi S, Setiyono A, Sadikin M, Siregar, dkk. Ekstrak Teh Hijau Mengurangi Luas Area Fibrosis Paru Tikus. Maj Patol Indones. 2020;29(1):15–2.
52. Cherlopalli SK, Narahari NK. A Study of clinical and radiological findings in chronic cor pulmonale. IP Indian J Immunol Respir Med. 2020;3(1):7–11.
53. Pratiwi RD. Gambaran Komplikasi Penyakit Tuberkulosis Berdasarkan Kode International Classification of Disease 10. J Kesehat Al-Irsyad Vol XIII. 2020;XIII(2):93–101.
54. Monica S. Diagnosis Multi Drug Resistant Tuberkulosis Paru dengan Menggunakan GeneXpert MTB/RIF. Universitas Andalas; 2015.
55. Novianti N, Simarmata OS, Lolong DB. Pemanfaatan Tes Cepat Molekuler (TCM) Genexpert Sebagai Alat Diagnostik Tb Paru di RSUD Wangaya Kota Denpasar. J Ekol Kesehat. 2020;18(3):135–48.
56. Munawaroh AL, Hidayati DYN, Utami YW. Comparative Study of Coco Blood Malachite Green Culture Media with Lowenstein Jensen (LJ) for Rapid Diagnostic, Specific, and Sensitive on Sputum of Tuberculosis Suspect Patient. Maj Kesehat FKUB. 2015;2(2):79–91.
57. Afshan G, Hussain M, Shafiq M. Sensitivity and Specificity of Xpert MTB/RIF for Diagnosis of Pulmonary Tuberculosis, Detection of RIF Resistance and its Concordance with Gene Sequencing for RIF Resistance. Int J Med Res Heal Sci. 2019;8(10):59–66.
58. Sinaga NO. Gambaran Karakteristik Pasien Tuberculosis Paru (TBC) Tahun 2020. STIKes Santa Elisabeth Medan; 2020.
59. Hutama HI, Riyanti E, Kusumawati A. Gambaran Perilaku Penderita Tb Paru Dalam Pencegahan Penularan Tb Paru Di Kabupaten Klaten. J Kesehat Masy. 2019;7(1):491–500.
60. Susanty E, Amir Z, Siagian P, Yunita R, Eyanoer PC. Uji Diagnostik Genexpert Mtb/Rif Di Rumah Sakit Umum Pusat Haji Adam Malik Medan. J Biosains. 2016;1(2):19.
61. Shao Y, Peng H, Chen C, Zhu T, Ji M, Jiang W, et al. Evaluation of GeneXpert MTB/RIF for detection of pulmonary tuberculosis at peripheral tuberculosis clinics. Microb Pathog. 2017;105:260–3.
62. Omar A, Elfadl A-EA, Ahmed Y, Hosny M. Valuing the use of GeneXpert test as an unconventional approach to diagnose pulmonary tuberculosis.

- Egypt J Bronchol. 2019;13(3):403–7.
63. Bajrami R, Mulliqi G, Kurti A, Lila G, Raka L. Assessment of diagnostic accuracy of GeneXpert Mycobacterium tuberculosis/rifampicin in diagnosis of pulmonary tuberculosis in Kosovo. Biomed Biotechnol Res J. 2018;2(3):191.
 64. Sasikumar C, Utpat K, Desai U, Joshi J. The role of genexpert in the diagnosis of mycobacterium tuberculosis. Adv Respir Med. 2020;88(3):184–8.
 65. Kabir S, MT Hossain, Emran NA, Hossain T, Shimmi SC. Diagnostic challenges and Gene-Xpert utility in detecting Mycobacterium tuberculosis among suspected cases of Pulmonary tuberculosis. PLoS One. 2021;16(5 May):1–17.
 66. Siswosudarmo R. Tes diagnostik (Diagnostic test). J Metodol Penelit. 2017;12.
 67. Meawed TE, Shaker A. Assessment of diagnostic accuracy of Gene Xpert MTB/RIF in diagnosis of suspected retreatment pulmonary tuberculosis patients. Egypt J Chest Dis Tuberc. 2016;65(3):637–41.
 68. Nambiar R, Berekci N, Gonzalez R, De Cozar A, Loubet M, Shetty A, et al. Performance of bioMérieux Lowenstein-Jensen slopes in plastic tube packaging, compared to existing phenotypic methods, for efficient recovery of the Mycobacterium tuberculosis complex. J Med Microbiol. 2019;68(3):398–401.

