

DAFTAR PUSTAKA

- Aufani, D, Azzahra, L, Supriyanto, S, Fatayati, I & Nuswantoro, A 2023, Korelasi Antara Rasio Neutrofil / Limfosit Dengan Kadar C-Reactive Protein Pada Penderita, *Journal Of Social Science Research* vol, 33, no. 2, pp, 114-120, <https://drive.google.com/file/d/1VRDIm8JqYPhEN4gTj7iodlWCwWfkcuLU/view?usp=drivesdk>.
- Badan Kebijakan Pembangunan Kesehatan Indonesia 2023, Survei Kesehatan Indonesia Dalam Angka Data Akurat Kebijakan Tepat, *Kementrian Kesehatan Republik Indonesia*, Jakarta, <https://drive.google.com/file/d/1rcC-xLy9HSqYnqbeuaAWJGWT8ZT1t7ff/view?usp=drivesdk>.
- Buttle, TS, Hummerstone, CY, Billahalli, T, Ward, RJB, Barnes, KE, Marshall, N J, Spong, VC & Bothamley, GH 2021, The Monocyte-To-Lymphocyte Ratio Sex-Specific Differences In The Tuberculosis Disease Spectrum, Diagnostic Indices And Defining Normal Ranges, *National Library Of Medicine*, vol, 16, no 8, hal 1-20, <https://pubmed.ncbi.nlm.nih.gov/34460817/>.
- Caraka, B, Sumbodo, BAA & Candradewi, I 2017, Klasifikasi Sel Darah Putih Menggunakan Metode Support Vector Machine SVM Berbasis Pengolahan Citra Digital, *IJEIS, Indonesian Journal of Electronics and Instrumentation Systems*, vol 7, no 1, hal 25–36, <https://journal.ugm.ac.id/ijeis/article/view/15420/15995>.
- Farhan, M, Khairunnisa, C & Wahyuni, H, 2024, Gambaran Perilaku Pasien TB Paru terhadap Upaya Pencegahan Penularan TB di Rumah Sakit Umum Daerah Dokter Fauziah Kabupaten Bireuen, *Journal Kedokteran dan Kesehatan Mahasiswa Malikussaleh*, vol, 3, no. 3, pp. 44-50, <https://doi.org/10.29103/jkmm.v3i3.14114>.
- Haerunnisya, PU, Wiriansya, EP & Musa, IM 2024, Masyarakat Dan Rs Ibnu Sina Makassar Tahun 2018-2022, *Jurnal Kesehatan Masyarakat*, vol. 8, no, April, pp, 234-243, <https://drive.google.com/file/d/1WB8r03arM-SEI4HvDIILSk-8kfgwB7vj/view?usp=drivesdk>.
- Handoko, B, Arliny, Y, Priyanto, H, Andayani, N & Yanifitri, DB 2025, Analysis of Monocyte to Lymphocyte Ratio and Clinical Symptoms of Clinically Confirmed Pulmonary Tuberculosis New Case Patients Before Treatment and After Intensive Phase, *Jurnal Respiriologi Indonesia*, vol. 45, no, 1, pp. 55-60, <https://drive.google.com/file/d/1ffeieCShIBImCF6zNi4-qhatBHHTTN87z/view?usp=drivesdk>.
- Harun, H, Nasir, M, Wahyuni, RD, Sumarni, aridhatamy, D & Pratiwi, NA 2021, Neutrophil Lymphocyte Ratio and Acid-Fast Bacilli in Tuberculosis, *Indian Journal of Forensic Medicine & Toxicology*, vol, 15, no, 1, pp, 0-2, <https://doi.org/10.37506/ijfmt.v15i1.13561>.

- Ilyas, MY, Apriyanto, Rasak, A & Setiawan, LOR 2020, Review Article : The Role Of Cluster Of Differentiation-8 (Cd8) In The Immune System, *Jurnal Riset Ilmiah*, vol, 1, no, 01, pp, 15-18, https://drive.google.com/file/d/1CR1S_u7fM43Ap9XAFv79_WdsSNwNDKBE/view?usp=drivesdk.
- Islam, MM, Satıcı, MO & Eroglu, SE 2024, Unraveling the clinical significance and prognostic value of the neutrophil-to-lymphocyte ratio, platelet-to-lymphocyte ratio, systemic immune-inflammation index, systemic inflammation response index, and delta neutrophil index An extensive literature re, *Turkish Journal of Emergency Medicine*, vol, 24, pp, 8-19, <https://drive.google.com/file/d/1j2Vx026vZFzewqyOESGq7YPs67b5Zm7K/view?usp=drivesdk>.
- Kementrian Kesehatan Repoblik Indonesia 2019, Peraturan tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Tuberkulosis, pp, 1-9, *Department of Internal Medicine of Medical and Health Science Faculty of Universitas Muhammadiyah Yogyakarta*, <https://drive.google.com/file/d/1OdztMZU0M7GysWvLHQLioOkK9mlOl/view?usp=drivesdk>.
- Kementerian Kesehatan Republik Indonesia 2020, Pedoman Nasional Pelayanan Kedokteran Tata Laksana Tuberkulosis, *Kementerian Kesehatan Republik Indonesia Jakarta*, <https://drive.google.com/file/d/1mDXGzfaz2-2qBwxXo1Ytu8KP7A57Dket/view?usp=drivesdk>.
- Kementerian Kesehatan Republik Indonesia 2025, Buku Panduan TBC untuk Tenaga Medis dan Tenaga Kesehatan, Jakarta, <https://kemkes.go.id/id/kemenkes-luncurkan-buku-panduan-dan-lembar-balik-tuberkulosis-bagi-tenaga-kesehatan-dan-kader>
- Kesek, JFN, Sugeng, CFC & Polii, EBI 2019, Gambaran Pasien Tuberkulosis Paru Usia Produktif di RSUP Prof. Dr.R. D. Kandou Manado Periode Tahun 2014-2015, *Medical Scope Journal*, vol. 1, no, 1, pp, 36-38, <https://drive.google.com/file/d/1fvZf1xKlxTKefltJPHA163UQy3VzPaDZ/view?usp=drivesdk>.
- Maison, DP 2022, Tuberculosis pathophysiology and anti-VEGF intervention, *Journal of Clinical Tuberculosis and Other Mycobacterial Diseases*, *Journal of Clinical Tuberculosis and Other Mycobacterial Diseases*, [ejournal.unsrat.ac.id](https://doi.org/10.1016/j.jctube.2022.100300), vol, 27, p, 100300, <https://doi.org/10.1016/j.jctube.2022.100300>.
- Mildner, A, Kim, KW & Yona, S, 2024, Unravelling monocyte functions: From the guardians of health to the regulators of disease, *Discovery Immunology*, vol, 3, no, 1, https://drive.google.com/file/d/1d_o1cH-TxqOgC_90ZEhR1jns0ixG7sK/view?usp=drivesdk.

- Muflihah, AI, Destiawan, RA, Wijaya, AF, Widia, LY, Sufi, QN, Azizah, LCN & Makki, AA 2024, Gambaran Morfologi Sel Neutrofil Pada Pewarnaan Giemsa dengan Variasi Waktu Pada Larutan Pengencer Akuades, *Anakes, Jurnal Ilmiah Analis Kesehatan*, vol. 10, no, 1, pp, 126-135, <https://drive.google.com/file/d/1wtPEF9iGeJugyfAMuEe70az-10Hd8jg1/view?usp=drivesdk>.
- Ni'matullathifah & Mustakim, A 2025, Analisis Stuktur Sel dan Perkembangan Sel Limfosit B dan Sel Limfosit T Serta Mekanismenya, *Jurnal Cakrawala Pendidikan dan Biologi*, vol, 2, no, 1, pp. 93-97, https://drive.google.com/file/d/1CZN0Hc9U-dxQYanXDG_Rpze8zxzrprew/view?usp=drivesdk.
- Nugraha, KN, Ajmala, IE, Dirja, BT & Andari, MY 2024, The Association Of Vitamin D Levels With Monocyte-To-Lymphocyte-Ratio In Pulmonary Tuberculosis Patients, *Jurnal Biologi Tropis*, https://drive.google.com/file/d/1kaA_Ltubw_dHk7IEvsHn_x6PFHapKmi1/view?usp=drivesdk.
- Omair, M, Baig, MS, Farooqui, WA, Kousar, S, Noori, MY, Zeehan, N, Khan, A, Isa, S, Kamran, DS, Bari, MF & Mehmood, M 2024, Relationship of neutrophil lymphocyte ratio, monocyte lymphocyte ratio and neutrophil monocyte ratio with treatment response in pulmonary tuberculosis patients during intensive phase treatment, *BMC Infectious Diseases*, vol, 24, no, 1, pp, 1-7, <https://drive.google.com/file/d/1ByQkkdkHPr9aXjnxqrVgBqSUPCdHxRaO/view?usp=drivesdk>.
- Pariyana, Liberty, IA, Kasim, BI & Ridwan, A 2018, Perbedaan perkembangan kualitas hidup penderita Tb paru menggunakan instrumen indonesianwhoqol-breffquestionareterhadap fase pengobatan tuberculosis, *Jurnal Kedokteran dan Kesehatan*, vol. 5, no, 3, pp 124-132, <https://drive.google.com/file/d/1SY-Qzb0CRk8jy8Nk9M1Sh08Wz5VWtR0w/view?usp=drivesdk>.
- Pramudaningsih, IN, Cahyanti, L, Yuliana, AR, Fitriana, V, Khamdannah, EN & Fitriana, AA 2023, Pencegahan Penularan Tbc Melalui Implementasi Cekoran Bu Titik Cegah Resiko Penularan Melalui Batuk Efektif Dan Etika Batuk, Pada Remaja Di Sman 2 Kudus, *Jurnal Pengabdian Kesehatan*, vol. 6, no, 1, pp, 77-87, https://drive.google.com/file/d/1DDaM2-lc_BSrNpaT0w8jVO284UCzTptB/view?usp=drivesdk.
- Putra, AW, & Nurul, F 2017, Ratio of Monocytes/Lymphocytes in Tuberculosis Patients with Tuberculosis Comorbid DM after Antituberculosis Therapy Perbandingan Rasio Monosit/Limfosit pada Pasien Tuberkulosis Dengan Tuberkulosis Komorbid DM Setelah Pemberian OAT, *Department of Internal Medicine of Medical and Health Science Faculty of Universitas Muhammadiyah Yogyakarta*,

<https://drive.google.com/file/d/1gMloiPVqluxDJhFzpoDieJ2Vmhj4PltR/view?usp=drivesdk>.

Putri, WR 2023, Peranan Sistem Imunitas Melawan Infeksi Tuberkulosis Paru', *ejournal Poltekkes Denpasar*, vol, 11, no, 1, pp, 9-16, <https://drive.google.com/file/d/13MJxCmqm-tk-p6XqNX2tocmbU3IS8gxO/view?usp=drivesdk>.

Riza, M, Lahdimawan, A, Adhani, R & Noor, MS 2021, Meta Analysis : Relationship of Tuberculosis Patient Contact , Density And Ventilation Area With Tuberculosis Events, *Jurnal Berkala Kesehatan*, vol, 7, pp, 100-106, https://drive.google.com/file/d/1HAKYkBc4VjNyALsOBS7Uw3ZZmvHfeJ_e/view?usp=drivesdk.

Salatu, NAPRS 2017, Perbandingan Rasio Neutrofil Limfosit (Rnl) Pada Pasien Tb Paru Bta Positif Dan Bta Negatif Di Rsu Anutapura Palu Tahun 2017, *jurnal.ugm.ac.id/ijeis*, vol. 14, pp, 167-186, <https://repository.untad.ac.id/id/eprint/150405>.

Sembiring, TUJ, Silfia, M, Aritonan, E, Purba, D & Studi, P 2024, Gambaran Jumlah Sel Monosit dan Sel Limfosit Pada Penderita Tuberkulosis Paru di UPTD Rumah Sakit Khusus Paru Provinsi Sumatera Utara, *Jurnal Teknologi, Kesehatan & Ilmu Sosial*, vol. 6, no, 2, pp, 49-55, <https://drive.google.com/file/d/1qzzR4YDHI89tuKXIHRxx5KcIgD2TOiaz/view?usp=drivesdk>.

Suryana, K 2022, High Pretreatment Level of Neutrophil to Sputum Conversion in Patients with Pulmonary Ratio and Other Factors Associated with Delayed Lymphocyte Ratio, Monocyte to Lymphocyte Tuberculosis, *Jurnal Dovepress*, vol, 6973, <https://doi.org/10.2147/IDR.S380166>.

Syamsuddin, F, Nurliah & Marukai, R 2025, Hubungan Fase Pengobatan Dengan Status Gizi Pasien Tuberculosis Paru Di Rsud Toto Kabila Kabupaten Bone Bolango, *Jurnal Ners*, vol, 9, pp, 3773-3783, <https://drive.google.com/file/d/1KIxU6CDbcZw64nAU2IV7wSjJ1phUoZqk/view?usp=drivesdk>.

World Health Organization, 2025, Global Tuberculosis Report, https://drive.google.com/file/d/1zO0S_kR0lzSLIN9PNcv6PFcjilEan2L/view?usp=drivesdk.

Yang, J, Zhang, L, Yu, C, Yang, XF & Wang, H 2024, Monocyte and macrophage differentiation: Circulation inflammatory monocyte as biomarker for inflammatory diseases, *Biomarker Research*, vol, 2, no, 1, pp, https://drive.google.com/file/d/1coXZGqngRHr4StgPmJ-y5bJMdxpex_0f/view?usp=drivesdk

Yusran, A, Hatta, M, Haruna, N, Natzir, R & Agus, R 2024, Correlation between

leukocyte , neutrophil , lymphocyte , and the neutrophil to lymphocyte ratio levels in Mycobacterium tuberculosis detection using rapid molecular tests, *Jurnal Riset Kesehatan*, vol, 132, no, Supl 1, pp, 115-124, https://www.researchgate.net/publication/377526460_Correlation_between_leukocyte_neutrophil_lymphocyte_and_the_neutrophil_to_lymphocyte_ratio_levels_in_Mycobacterium_tuberculosis_detection_using_rapid_molecular_tests