

DAFTAR PUSTAKA

- Andi Nadya Febriama. (2022). *Hubungan Rasio Neutrofil Limfosit Dengan Aktivitas*.
- Anwar, Z. N., Aznur, L., & Rahmadi, A. R. (2022). Perubahan Rasio Jumlah Neutrofil terhadap Limfosit pada Pasien Rheumatoid Arthritis pasca Tata Laksana Fokus Infeksi Oral Neutrophil-to-Lymphocyte Ratio Changes in Rheumatoid Arthritis Patients with Oral Focus Infection Treatment. In *Journal of Medicine and Health Perubahan Rasio Jumlah Neutrofil* (Vol. 4, Issue 1).
- Ashiq, K., Ashiq, S., Mobashar, A., Abid, F., Yasmeen, A., Shehzadi, N., Khan, M. T., & Hussain, K. (2023). An Updated Review on Rheumatoid Arthritis (RA): Epidemiology, Pathophysiology, Diagnosis, and the Current Approaches for Its Treatment. In *Sudan Journal of Medical Sciences* (Vol. 18, Issue 4, pp. 539–551). Knowledge E. <https://doi.org/10.18502/sjms.v18i4.14742>
- Bakhri, S. (2017). Pengaruh Kadar Rheumatoid Factors Terhadap Kadar C-Reaktif Protein Dan Nilai Laju Endap Darah Pada Penderita Artritis Reumatoid. *Jurnal Media Analisis Kesehatan*, 8(2). <http://journal.poltekkes-mks.ac.id/ojs2/index.php/mediaanalisis>
- Bawarodi F. (2017). Faktor-Faktor Yang Berhubungan Dengan Kekambuhan Penyakit Rematik Di Wilayah Puskesmas Beo Kabupaten Talaud. *E-Journal Keperawatan*, 5.
- Bhupen, Barman, Varsha, Sathees, Arvind, Nune, Anomitro, Chakrabarty, Jayanta, Das, Prasad, & Dange. (2025). *Correlation of Neutrophil and Platelet-to-lymphocyte Ratios with Disease Activity in Rheumatoid Arthritis*. <https://doi.org/10.59556/japi.73.1020>
- Cahyani, A. E., Agung, & Parwati, A. (2022). Manajemen Pengambilan dan Pengelolaan Spesimen Darah di Laboratorium RSUD Wangaya Denpasar. *Surabaya : The Journal of Muhamadiyah Medical Laboratory Technologist*, 5(5), 187–194.
- Collaborators. (2023). Global, regional, and national burden of rheumatoid arthritis, 1990–2020, and projections to 2050: a systematic analysis of the Global Burden of Disease Study 2021. *GDB Rheumatoid Arthritis, Vol 5*.
- Dinkes Lampung. (2023). *Pemerintah Provinsi Lampung Dinas Kesehatan*.
- Dr. Sibuea Herdin, Dr. Panggabean M. Marulam, & Dr. Gultom S.P. (2009). *Ilmu Penyakit Dalam* (2nd ed.). PT. Rineka Cipta, Jakarta.
- Fauzi, A. (2019). *Rheumatoid Arthritis*. Bagian *Orthopaedi dan Traumatologi*, Departemen Bedah, Fakultas Kedokteran, Universitas Lampung. *Jk Unila*, 3.
- Forget, P., Khalifa, C., Defour, J. P., Latinne, D., Van Pel, M. C., & De Kock, M. (2017). What is the normal value of the neutrophil-to-lymphocyte ratio? *BMC Research Notes*, 10(1), 1–4. <https://doi.org/10.1186/s13104-016-2335-5>

- Fu, H., Qin, B., Hu, Z., Ma, N., Yang, M., Wei, T., Tang, Q., Huang, Y., Huang, F., Liang, Y., Yang, Z., & Zhong, R. (2015). Neutrophil- and platelet-to-lymphocyte ratios are correlated with disease activity in rheumatoid arthritis. *Clinical Laboratory*, 61(3–4), 269–273. <https://doi.org/10.7754/Clin.Lab.2014.140927>
- Hidayat, R., Bagus Putu Putra Suryana, Linda Kurniaty Wijaya, Anna Ariane, Rakhma Yanti Hellmi, Endy Adnan, & Sumariyono. (2021). Indonesian Rheumatology Association (IRA) Recommendations for Diagnosis and Management of Rheumatoid Arthritis. *Indonesian Journal of Rheumatology*, 13(1), 322–443. <https://doi.org/10.37275/ijr.v13i1.173>
- Ingegnoli, F., Castelli, R., & Gualtierotti, R. (2013). Rheumatoid factors: Clinical applications. In *Disease Markers* (Vol. 35, Issue 6, pp. 727–734). Hindawi Limited. <https://doi.org/10.1155/2013/726598>
- Jin, Z., Cai, G., Zhang, P., Li, X., Yao, S., Zhuang, L., Ren, M., Wang, Q., & Yu, X. (2021). The value of the neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio as complementary diagnostic tools in the diagnosis of rheumatoid arthritis: A multicenter retrospective study. *Journal of Clinical Laboratory Analysis*, 35(1). <https://doi.org/10.1002/jcla.23569>
- Kemenkes RI. (2018). *Laporan Riskesdas 2018 Nasional*.
- Kiswari, R. (2014). Hematology dan Transfusi. In *penerbit erlangga*.
- Lai, Y., Fan, J., Lv, N., Li, X., Zhao, W., Luo, Z., & Zhou, Z. (2025). Neutrophil-Lymphocyte Ratio as Predictor for Acute Infection After Primary Total Joint Arthroplasty in Rheumatoid Arthritis Patients. *Orthopaedic Surgery*. <https://doi.org/10.1111/os.70002>
- Linda Rosita, dr, Abrory Agus Cahya, S., & Rahma Arfira, F. (2019). *Hematologi Dasar*.
- Mawarti, L., & Kholifatin Ilmi, A. (2021). Gambaran Hasil Pemeriksaan Laju Endap Darah (LED) Menggunakan Metode Westegreen Pada Pasien Rawat Jalan. *Jurnal Kesehatan Terapan*.
- McInnes, I. B., & Schett, G. (2019). The Pathogenesis of Rheumatoid Arthritis. *The New England Journal of Medicine*.
- Mikhael, E. M., & Ibrahim, T. (2013). Rasio Neutrofil/Limfosit pada Artritis Reumatoid Rasio Neutrofil/Limfosit Tidak Berkorelasi dengan Penyakit Aktivitas pada Pasien Artritis Reumatoid. In *Jurnal Farmasi Irak* (Vol. 22, Issue 2). www.onlinedoctranslator.com
- Muqsith Al. (2015). imunology *Rheumatoid Artrtitis*. *Rheumatoid Artritis*, 16–20.
- Nasrani, L. (2022). Hubungan neutrophil-lymphocyte ratio, absolute lymphocyte count, dan platelet lymphocyte ratio terhadap derajat keparahan COVID-19. *Intisari Sains Medis*, 13(1), 127–130. <https://doi.org/10.15562/ism.v13i1.1241>

- Prabowo, A., Nurudhin, A., & Sari Yulia. (2023). *Sel Punca Messenkimal Pada Tatalaksana Rheumatoid Arthritis* (Tahta Media, Ed.; 1st ed., Vol. 69).
- Rahman, H. A. U., Fahim, M. A. A., Salman, A., Ahmed, S. H., Ahmed, S., Ahmed, R., & Yousaf, Z. (2025). Trends and disparities in the prevalence of diagnosed arthritis among United States adults from 2019 to 2022. *Medicine (United States)*, 104(12), e41892. <https://doi.org/10.1097/MD.00000000000041892>
- Salman, N. A. (2024). Assessment the Role of Erythrocyte Sedimentation Rate and C-Reactive Protein Tests For Prediction Of Rheumatoid Arthritis Activity In Misan Province. *Journal Port Science Research*, 7(issue), 8–13. <https://doi.org/10.36371/port.2024.special.2>
- Salsabilla, P. (2022). *Gambaran Rasio Neutrofil Limfosit (RNL), LED, Dan CRP pada Pasien Arthritis Rheumatoid Di RSUP Dr. Mohammad Hoesin Palembang*. Fakultas Kedokteran Universitas Sriwijaya.
- Scherer, H. U., Häupl, T., & Burmester, G. R. (2020). The etiology of rheumatoid arthritis. In *Journal of Autoimmunity* (Vol. 110). Academic Press. <https://doi.org/10.1016/j.jaut.2019.102400>
- Siemons, L., Ten Klooster, P. M., Vonkeman, H. E., Van Riel, P. L. C. M., Glas, C. A. W., & Van De Laar, M. A. F. J. (2014). How age and sex affect the erythrocyte sedimentation rate and C-reactive protein in early rheumatoid arthritis. *BMC Musculoskeletal Disorders*, 15(1). <https://doi.org/10.1186/1471-2474-15-368>
- Sukarmin, M., & Iqlima, D. (2019). Perbandingan Hasil Pengukuran Laju Endap Darah Dengan Metode Manual dan Automatic Comparison of Blood Sedimentation Rate Measurement Results Using Manual and Automatic Methods. In *Jurnal Manajemen Kesehatan Yayasan RS. Dr. Soetomo* (Vol. 5, Issue 1).
- Suswita et.al. (2020). Hubungan Aktivitas Fisik Dengan Nyeri Rheumatoid Arthritis Pada Lansia Di Panti Sosial. *Aisyiyah Medika*, 5.
- Tri Wahyuni, N. (2023). *Uji Beda Rasio Neutrofil Limfosit Dan Lekosit Sebagai Prediktor Mortalitas Pad Pasien Pneumonia Rawat Intensive Care Unit Di Rumah Sakit Daerah Raden Mattaher Jambi*.
- Veranita, A. (2024). Rheumatoid Arthritis: Manajemen dan Asuhan Keperawatan. In *Rheumatoid Arthritis*.
- Zhang, Z., Gao, X., Liu, S., Wang, Q., Wang, Y., Hou, S., Wang, J., & Zhang, Y. (2025). Global, regional, and national epidemiology of rheumatoid arthritis among people aged 20–54 years from 1990 to 2021. *Scientific Reports*, 15(1). <https://doi.org/10.1038/s41598-025-92150-1>