

## DAFTAR PUSTAKA

1. Firestein GS, McInnes IB. Immunopathogenesis of Rheumatoid Arthritis. *Immunity*. 2017;46(2):183–96.
2. Panagopoulos PK, Lambrou GI. Bone erosions in rheumatoid arthritis: Recent developments in pathogenesis and therapeutic implications. *J Musculoskelet Neuronal Interact*. 2018;18(3):304–19.
3. Brasington RD. Clinical features of rheumatoid arthritis. *Rheumatol Sixth Ed*. 2015;1–2:704–11.
4. Al-Saadany HM, Hussein MS, Gaber RA, Zaytoun HA. Th-17 cells and serum IL-17 in rheumatoid arthritis patients: Correlation with disease activity and severity. *Egypt Rheumatol [Internet]*. 2016;38(1):1–7.
5. Intriago M, Maldonado G, Cárdenas J, Ríos C. Clinical Characteristics in Patients with Rheumatoid Arthritis: Differences between Genders. *Sci World J*. 2019;2019.
6. Safiri S, Kolahi AA, Hoy D, Smith E, Bettampadi D, Mansournia MA, et al. Global, regional and national burden of rheumatoid arthritis 1990-2017: a systematic analysis of the Global Burden of Disease study 2017. *Ann Rheum Dis*. 2019;78(11):1463–71.
7. Rudan I, Sidhu S, Papan A, Meng S, Xin-Wei Y, Wang W, et al. Prevalence of rheumatoid arthritis in low- and middle-income countries: A systematic review and analysis. *J Glob Health*. 2015 Jun; 5(1): 010409

8. Perhimpunan Reumatologi Indonesia. *Diagnosis dan Pengelolaan Arthritis Reumatoid*. 2021. iii-26 Halaman.
9. Darmawan J, Muirden KD, Valkenburg HA, Wigley RD. The epidemiology of rheumatoid arthritis in Indonesia. *Rheumatology*. 1993;32(7):537–40.
10. Aletaha D, Neogi T, Silman AJ, Funovits J, Felson DT, Bingham CO, et al. 2010 Rheumatoid arthritis classification criteria: An American College of Rheumatology/European League Against Rheumatism collaborative initiative. *Arthritis Rheum*. 2010;62(9):2569–81.
11. Littlejohn EA, Monrad SU. Early Diagnosis and Treatment of Rheumatoid Arthritis. *Prim Care - Clin Off Pract [Internet]*. 2018;45(2):237–55.
12. Jensen Hansen IM, Asmussen Andreasen R, Van Bui Hansen MN, Emamifar A. The reliability of disease activity score in 28 joints-c-reactive protein might be overestimated in a subgroup of rheumatoid arthritis patients, when the score is solely based on subjective parameters: A cross-sectional, exploratory study. *J Clin Rheumatol*. 2017;23(2):102–6.
13. Taylor A, Bagga H. Measures of Rheumatoid Arthritis Disease Activity in Australian Clinical Practice. *ISRN Rheumatol*. 2011;2011:1–7.
14. Porter D, Gadsby K, Thompson P, White J, McClinton C, Oliver S. DAS28 and rheumatoid arthritis: The need for standardization. *Musculoskeletal Care*. 2011;9(4):222–7.

15. Cascão R, Rosário HS, Souto-Carneiro MM, Fonseca JE. Neutrophils in rheumatoid arthritis: More than simple final effectors. *Autoimmun Rev.* 2010 Jun;9(8):531-5.
16. Şaş S. Neutrophil/lymphocyte and platelet/lymphocyte ratios are associated with disease activity in rheumatoid arthritis. *J Clin Anal Med.* 2019;10(3).
17. Quaiser S, Khan R. Correlation of neutrophil–lymphocyte ratio with disease activity in rheumatoid arthritis. *J Clin Sci* 2020;17:46-8
18. Mohammed H. El-Naggar, M.D., Rehab M. Helal Ms, et al. Neutrophil to Lymphocyte Ratio and Platelet to Lymphocyte Ratio as Marker of Disease Activity in Rheumatoid Arthritis. *Med J Cairo Univ.* 2019;87(March):139–45.
19. Uslu Ali, K Adem, S Ali et al. Two new inflammatory markers associated with disease activity score-28 in patients with rheumatoid arthritis: neutrophil-lymphocyte ratio and platelet-lymphocyte ratio . *International Journal of Rheumatic Diseases.* 2015; 1-5
20. Bae SC. Epidemiology and etiology of rheumatoid arthritis. *J Korean Med Assoc.* 2010;53(10):843–52.
21. Lin YJ, Anzaghe M, Schülke S. Update on the Pathomechanism, Diagnosis, and Treatment Options for Rheumatoid Arthritis. *Cells.* 2020;9(4).

22. Taylor PC. Update on the diagnosis and management of early rheumatoid arthritis. *Clin Med J R Coll Physicians London*. 2020;20(6):561–4.
23. Lipsky PE. Rheumatoid arthritis. In: Fauci AS, Langford CA, editors. *Harrison's Rheumatology*. 2 nd ed. McGraw-Hill Professional; 2010. p. 82-99.
24. Deane KD, Demoruelle MK, Kelmenson LB, Kuhn KA, Norris JM, Holers VM. Genetic and environmental risk factors for rheumatoid arthritis. *Best Pract Res Clin Rheumatol [Internet]*. 2017;31(1):3–18.
25. Garner R, Ding T, Deighton C. Management of rheumatoid arthritis. *Med (United Kingdom)*. 2014;42(5):237–42.
26. McInnes and Schett 2011. The Pathogenesis of Rheumatoid Arthritis Iain B. McInnes, F.R.C.P., Ph.D., and Georg Schett, M.D. R. Dep Hum Serv. 2008;(April):1–5
27. Suarjana IN. Arthritis Reumatoid. In: Setiati S, Alwi I, Sudoyono AW, Simdibrata M, Setiyohadi B, Syam AF, editors. *Ilmu Penyakit Dalam*. 6th ed. Jakarta: Interna Publishing; 2014. p. 3230–3150.
28. Jeffery RC. Clinical features of rheumatoid arthritis. *Med (United Kingdom)* 2014;42(5):231–6.
29. Anderson J, Caplan L, Yazdany J, Robbins ML, Neogi T, Michaud K, et al. Rheumatoid arthritis disease activity measures: American college of rheumatology recommendations for use in clinical practice. *Arthritis Care Res*. 2012;64(5):640–7.

30. Nielung L, Christensen R, Danneskiold-Samsøe B, et al. Validity and Agreement between the 28-Joint Disease Activity Score Based on C-Reactive Protein and Erythrocyte Sedimentation Rate in Patients with Rheumatoid Arthritis. *Arthritis*. 2015;2015:1–6. x
31. Santosa D, Hidayat R, Prasetyo M, et al. Diagnostic values of DAS28 and DAS28-squeeze in evaluating Rheumatoid Arthritis disease. *Indones J Rheumatol*. 2018;8(2):10–4.
32. Barrett KE, Barman SM, Boitano S, Brooks HL. Immunity, Infection, & Inflammation. In: Ganong's review of medical physiology. 23rd ed. New York; London: McGraw-Hill Medical ; 2010. p. 63–78.
33. Kaplan MJ. Role of neutrophils in systemic autoimmune diseases. *Arthritis Res Ther*. 2013;15(5).
34. Ittiamornlert P, Ruengkachorn I. Neutrophil-lymphocyte ratio as a predictor of oncologic outcomes in stage IVB, persistent, or recurrent
35. Cascão R, Rosário HS, Souto-Carneiro MM, Fonseca JE. Neutrophils in rheumatoid arthritis: More than simple final effectors. *Autoimmun Rev*. 2010 Jun;9(8):531-5.
36. Van Gorkom GNY, Klein Wolterink RGJ, Van Elssen CHMJ, et al. Influence of Vitamin C on lymphocytes: An overview. *Antioxidants*. 2018;7(3):1–14.
37. Kvien TK, Uhlig T, Ødegård S, Heiberg MS. Epidemiological aspects of rheumatoid arthritis: The sex ratio. *Ann N Y Acad Sci*. 2006;1069:212–22.

38. Kumar, B. Siddhartha, Suneetha P, et al. Comparison of Disease Activity Score in 28 joints with ESR (DAS28), Clinical Disease Activity Index (CDAI), Health Assessment Questionnaire Disability Index (HAQ-DI) & Routine Assessment of Patient Index Data with 3 measures (RAPID3) for assessing disease activity in patients with rheumatoid arthritis at initial presentation. *Indian Journal of Medical Research*. 2017; 146(2): S57-S62
39. Lijuan W, Yuting Z, Chaoyang L, Ju Y. Neutrophil-lymphocyte, platelet-lymphocyte and lymphocyte-monocyte ratios may not be useful markers to assess disease activity in rheumatoid arthritis: A STROBE-compliant article. *Medicine (Baltimore)*. 2021;100(45):e27631.
40. Mercan R, Bitik B, Tufan A, Bozbulut UB, Atas N, Ozturk MA, et al. The Association Between Neutrophil/Lymphocyte Ratio and Disease Activity in Rheumatoid Arthritis and Ankylosing Spondylitis. *J Clin Lab Anal*. 2016;30(5):597–601.
41. Abd-Elazeem MI, Mohamed RA. Neutrophil-lymphocyte and platelet-lymphocyte ratios in rheumatoid arthritis patients: Relation to disease activity. *Egypt Rheumatol*. 2018;40(4):227–31.
42. Jin Z, Cai G, Zhang P, Li X, Yao S, Zhuang L, et al. 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. *J Clin Lab Anal*. 2021;35(1):1–6.

43. Moodley D, Mody GM, Chuturgoon AA (2011) Initiation but no execution – modulation of peripheral blood lymphocyte apoptosis in rheumatoid arthritis – a potential role for heat shock protein 70. *J Inflamm (Lond)* 8 (1), 30.
44. Peng YF, Cao L, Zeng YH, Zhang ZX, Chen D, Zhang Q, et al. Platelet to lymphocyte ratio and neutrophil to lymphocyte ratio in patients with rheumatoid arthritis. *Open Med.* 2015;10(1):249–53.
45. Du J, Chen S, Shi J, Zhu X, Ying H, Zhang Y, et al. The association between the lymphocyte-monocyte ratio and disease activity in rheumatoid arthritis. *Clin Rheumatol.* 2017;36(12):2689–95.