DAFTAR PUSTAKA

1. Lee J, McDonald C. Review: Immunotherapy improves some symptoms and reduces long-term medication use in mild to moderate asthma. Annals of internal medicine. 2018 Aug;169(4):JC17.

2. Tesfaye ZT, Gebreselase NT, Horsa BA. Appropriateness of chronic asthma management and medication adherence in patients visiting ambulatory clinic of Gondar University Hospital: a cross-sectional study. The World Allergy Organization journal. 2018;11(1):18.

3. Scirica C V, Celedón JC. Genetics of asthma: potential implications for reducing asthma disparities. Chest. 2007 Nov;132(5 Suppl):770S-781S.

4. Yii AC, Soh AZ, Chee CBE, Wang YT, Yuan JM, Koh WP. Asthma, Sinonasal Disease, and the Risk of Active Tuberculosis. The journal of allergy and clinical immunology In practice. 2019 Feb;7(2):641-648.e1.

5. Burrows B, Barbee RA, Cline MG, Knudson RJ, Lebowitz MD. Characteristics of asthma among elderly adults in a sample of the general population. Chest. 1991 Oct;100(4):935–42.

6. Martin AJ, Landau LI, Phelan PD. Lung function in young adults who had asthma in childhood. The American review of respiratory disease. 1980 Oct;122(4):609–16.

7. Lambrecht BN, Hammad H. The immunology of asthma. Nature immunology. 2015 Jan;16(1):45–56.

8. McBrien CN, Menzies-Gow A. The Biology of Eosinophils and Their Role in Asthma. Frontiers in medicine. 2017;4:93.

9. Fahy J V. Eosinophilic and neutrophilic inflammation in asthma: insights from clinical studies. Proceedings of the American Thoracic Society. 2009 May;6(3):256–9.

10. Zhang XY, Simpson JL, Powell H, Yang IA, Upham JW, Reynolds PN, et al. Full blood count parameters for the detection of asthma inflammatory phenotypes. Clinical and experimental allergy : journal of British Society for Allergy and Clinical Immunology. 2014 ;44(9):1137–45.

11. Deng X, Wang X, Shen L, Yao K, Ge L, Ma J, et al. Association of eosinophil-to-monocyte ratio with 1-month and long-term all-cause mortality in patients with ST-elevation myocardial infarction undergoing primary percutaneous coronary intervention. Journal of thoracic disease. 2018 Sep;10(9):5449–58.

12. Yenigün A. Assessment of patients with nasal polyposis by the neutrophil-to-lymphocyte ratio and eosinophil-to-lymphocyte ratio. Kulak burun bogaz ihtisas dergisi : KBB = Journal of ear, nose, and throat. 2015;25(4):193–9.

13. Bedolla-Barajas M, Morales-Romero J, Hernández-Colín DD, Larenas-Linnemann D, Mariscal-Castro J, Flores-Razo MM, et al. Beyond eosinophilia: inflammatory patterns in patients with asthma. The Journal of asthma : official journal of the Association for the Care of Asthma. 2022 Feb;59(2):255–63.

14. Monteseirín J. Neutrophils and asthma. Journal of investigational allergology & clinical immunology. 2009;19(5):340–54.

15. Huang WJ, Huang GT, Zhan QM, Chen JL, Luo WT, Wu LH, et al. The neutrophil to lymphocyte ratio as a novel predictor of asthma and its exacerbation: A systematic review and meta-analysis. European review for medical and pharmacological sciences. 2020 Nov 1;24:11719–28.

16. Woodruff PG, et. al. Asthma: Pathogenesis and Phenotypes. In: Murray & Nadel's Textbook of Respiratory Medicine. 2020. p. 807–24.

17. Faisal Y, et. al. Pedoman diagnosis dan penatalaksanaan asma di Indonesia. 3, editor. Indonesia: Perhimpunan Dokter Paru Indonesia (PDPI); 2021.

18. Papaioannou AI, Kostikas K, Zervas E, Kolilekas L, Papiris S, Gaga M. Control of asthma in real life: still a valuable goal? European respiratory review : an official journal of the European Respiratory Society. 2015 Jun;24(136):361–9.

19. GINA. Asthma management and prevention for adult and children older than 5 years: A pocket guide for health professionals. 2022.

:agome K, Nagata M. Involvement and Possible Role of Eosinophils .sthma Exacerbation. Frontiers in immunology. 2018;9:2220.

21. Calhoun WJ, Sedgwick J, Busse WW. The role of eosinophils in the pathophysiology of asthma. Annals of the New York Academy of Sciences. 1991;629:62–72.

22. Radermecker C, Louis R, Bureau F, Marichal T. Role of neutrophils in allergic asthma. Current Opinion in Immunology. 2018;54:28–34.

23. Syabbalo N. Clinical Features And Management Of Neutrophilic Asthma. Pulmonary Medicine and Respiratory Research. 2020;6(1):1–15.

24. Martin RJ, Cicutto LC, Smith HR, Ballard RD, Szefler SJ. Airways inflammation in nocturnal asthma. The American review of respiratory disease. 1991 Feb;143(2):351–7.

25. Yudhawati R, Krisdanti D. Imunopatogenesis Asma. Jurnal Respirasi. 2019 Apr 22;3:26.

26. Çekici Y, Yılmaz M, Seçen Ö. New inflammatory indicators: association of high eosinophil-to-lymphocyte ratio and low lymphocyte-to-monocyte ratio with smoking. The Journal of international medical research. 2019 Sep;47(9):4292–303.

27. Yazıcı D. Assessment of Inflammatory Biomarkers, Total IgE levels, SNOT-22 scores in Allergic Rhinitis patients. ENT Updates. 2019;9(2):128–32.

28. Darwesh MA sattar, Shukri I, Alhaleem A, Al-obaidy MW. The Correlation Between Asthma Severity and Neutrophil to Lymphocyte Ratio. 2020;2(2).

29. Hancox RJ, Pavord ID, Sears MR. Associations between blood eosinophils and decline in lung function among adults with and without asthma. European Respiratory Journal. 2018;51(4).

30. Gonzalez-Barcala FJ, Nieto-Fontarigo JJ, Lourido-Cebreiro T, Rodríguez-García C, San-Jose ME, Carreira JM, et al. Obesity Does Not Increase the Risk of Asthma Readmissions. Journal of clinical medicine. 2020 Jan;9(1).

31. Ban GY, Kim SC, Lee HY, Ye YM, Shin YS, Park HS. Risk Factors dicting Severe Asthma Exacerbations in Adult Asthmatics: A Real-rld Clinical Evidence. Allergy, asthma & immunology research. 1 May;13(3):420–34.

32. Hanum D, Rifqi ·, Simanjuntak P. HUBUNGAN HITUNG SEL LEUKOSIT DENGAN RASIO EOSINOFIL LIMFOSIT PADA PENDERITA ASMA DI KOTA JAMBI. 2022.

33. Özgen H, Tepetam FM, Bulut İ, Örçen C. The significance of eosinophil and eosinophil lymphocyte ratio (ELR) in predicting response to omalizumab treatment in patients with severe allergic asthma. Tuberkuloz ve toraks. 2021 Mar;69(1):39–48.

34. Santoso R. Pengaruh Pemberian Alfa Tokoferol terhadap Marker Alergi Eosinophil Lymphocyte Ratio, Neutrophil Lymphocyte Ratio dan Imunoglobulin E Total pada Penderita Asma Alergi. In 2018.

35. Roselin D, Darwin E, Medison I. Hubungan Eosinofil dan Neutrofil Darah Tepi terhadap Derajat Keparahan Asma pada Pasien Asma di Bagian Rawat Inap Paru RSUP Dr. M. Djamil Padang Periode 2010 – 2013. Jurnal Kesehatan Andalas. 2017 Jul 20;6:175.

36. Yamasaki A, Okazaki R, Harada T. Neutrophils and Asthma. Diagnostics (Basel, Switzerland). 2022 May;12(5).

37. Pan R, Ren Y, Li Q, Zhu X, Zhang J, Cui Y, et al. Neutrophil-lymphocyte ratios in blood to distinguish children with asthma exacerbation from healthy subjects. International journal of immunopathology and pharmacology. 2023;37:3946320221149849.

38. Lei L, Li J, Liu H, Mo B. Neutrophil-to-Lymphocyte Ratio in Asthmatic Patients and Healthy People: A Meta-analysis. Journal of Archives in Military Medicine. 2021;9(1):e111447.

39. Arwas N, Shvartzman SU, Goldbart A, Bari R, Hazan I, Horev A, et al. Elevated Neutrophil-to-Lymphocyte Ratio Is Associated with Severe Asthma Exacerbation in Children. Journal of clinical medicine. 2023 May;12(9).

40. Gregg I, Nunn AJ. Peak Expiratory Flow in Normal Subjects. Br Med J. 1973 Aug 4;3(5874):282–4.

41. Pratama AM, Lorensia A. Difference in Real Costs Compared with INA CBG Rates for Asthma Patients. International Journal of Health, Nursing & Medicine. 2020;6(2):11–24.

ge P, Parner J, Prescott E, Ulrik CS, Vestbo J. Exogenous female steroid hormones and risk of asthma and asthma-like symptoms: ross sectional study of the general population. Thorax. 2001 ;56(8):613–6.

43. Chowdhury NU, Guntur VP, Newcomb DC, Wechsler ME. Sex and gender in asthma. European respiratory review : an official journal of the European Respiratory Society. 2021 Dec;30(162).

44. Bonds RS, Midoro-Horiuti T. Estrogen effects in allergy and asthma. Current opinion in allergy and clinical immunology. 2013 Feb;13(1):92–9.

45. Schatz M, Camargo CAJ. The relationship of sex to asthma prevalence, health care utilization, and medications in a large managed care organization. Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology. 2003 Dec;91(6):553–8.

46. Alolayan AMH, Alabeesy MSY, Alqabbani AAA, Almutairi AJF, Alzaidy NFA, Alsaadoon SAH, et al. Interrelationship between body mass index and asthma in children suffering from asthma-analytical cross-sectional study. European review for medical and pharmacological sciences. 2021 Aug;25(16):5208–14.

47. Kang M, Sohn SJ, Shin MH. Association between Body Mass Index and Prevalence of Asthma in Korean Adults. Chonnam Med J. 2020 Jan;56(1):62–7.

48. Peters U, Dixon AE, Forno E. Obesity and asthma. The Journal of allergy and clinical immunology. 2018 Apr;141(4):1169–79.

49. Tooba R, Wu TD. Obesity and asthma: A focused review. Respiratory medicine. 2022;204:107012.

50. Sari RP. Hubungan antara Obesitas dengan Siklus menstruasi. Jurnal Agromed Unila. 2015;2 (4):481–5.

51. Medina-Ramón M, Zock JP, Kogevinas M, Sunyer J, Antó JM. Asthma symptoms in women employed in domestic cleaning: a community based study. Thorax. 2003 Nov 1;58(11):950 LP – 954.

52. Mäkelä MJ, Backer V, Hedegaard M, Larsson K. Adherence to inhaled therapies, health outcomes and costs in patients with asthma and COPD. Respiratory medicine. 2013 Oct;107(10):1481–90.

sen EM, van de Hei SJ, Dierick BJH, Kerstjens HAM, Kocks JWH, Boven JFM. Global burden of medication non-adherence in onic obstructive pulmonary disease (COPD) and asthma: a ative review of the clinical and economic case for smart inhalers. rnal of thoracic disease. 2021 Jun;13(6):3846–64.

54. Rodrigo GJ, Neffen H. Assessment of acute asthma severity in the ED: are heart and respiratory rates relevant? The American journal of emergency medicine. 2015 Nov;33(11):1583–6.

55. Bhutta BS, Alghoula F, Berim I. Hypoxia. In Treasure Island (FL); 2024.

56. Baraldo S, Lokar Oliani K, Turato G, Zuin R, Saetta M. The Role of Lymphocytes in the Pathogenesis of Asthma and COPD. Current medicinal chemistry. 2007;14(21):2250–6.

57. He S, Lin W, Zhong J, Zheng X, Jin Y, Cao C. Independent risk factors of asthma exacerbations: 3-year follow-up in a single-center prospective cohort study. Annals of translational medicine. 2022 Dec;10(24):1353.

58. Chabra R, Gupta M. Allergic and Environmentally Induced Asthma. In Treasure Island (FL); 2024.

59. Kostakou E, Kaniaris E, Filiou E, Vasileiadis I, Katsaounou P, Tzortzaki E, et al. Acute Severe Asthma in Adolescent and Adult Patients: Current Perspectives on Assessment and Management. Journal of clinical medicine. 2019 Aug;8(9).

60. Ray A, Kolls JK. Neutrophilic Inflammation in Asthma and Association with Disease Severity. Trends in immunology. 2017 Dec;38(12):942–54.

61. Weng Q, Zhu C, Zheng K, Wu Y, Dong L, Wu Y, et al. Early recruited neutrophils promote asthmatic inflammation exacerbation by release of neutrophil elastase. Cellular Immunology. 2020;352:104101.

62. Hussain M, Liu G. Eosinophilic Asthma: Pathophysiology and Therapeutic Horizons. Cells. 2024 Feb;13(5).

63. Wawryk-Gawda E, Żybowska M, Ostrowicz K. The Neutrophil to Lymphocyte Ratio in Children with Bronchial Asthma. Journal of clinical medicine. 2023 Oct;12(21).

64. Chaloob FA, Al-Mayah QS, Jawed TI. Diagnostic value of neutrophil-lymphocyte ratio in diagnosis of asthma: A case-control study in baghdad. Tropical Journal of Natural Product Research. 0;4(9):523–6.