

## DAFTAR PUSTAKA

- Abbas, A.K., Lichtman, A.H., Pillai, S. 2014. *Cellular and Immunology*. Philadelphia: Saunder Elsevier.
- Abbas, A.K., Lichtman, A.H., Pillai, S. 2022. *Cellular and Molecular Immunology. Cohen's Pathway of The Pulp*. 10th ed. Seattle: Elsevier.
- Ahmad, K.A., Ideris, N., Abd Aziz, S.H.S. 2019. A cross-sectional study of neutrophil-to-lymphocyte ratio in diagnosing acute appendicitis in hospital Melaka. *Malay J of Med Sci*, 26(6):55–66.
- Ak, R., Doğanay, F., Unal Akoğlu, E., Akoğlu, H., Uçar, A.B., Kurt, E., Arslan Turan, C., Onur, O. 2020. Predictive value of scoring systems for the diagnosis of acute appendicitis in emergency department patients: Is there an accurate one? *H K Journal of Emerg Med*, 27(5):262–269.
- Akyüz, M., Topal, U., Gök, M., Öz, B., Isaoğulları, Ş.Y., Sözüer, E.M. 2020. Predictive value of neutrophil/lymphocyte ratios in the diagnosis of acute appendicitis. *Med J of Bakirkoy*, 16(1):76–84.
- Al Amri, F.S., Fihrah, R.S., Al Jabbar, I., Alqahtani, R., Alnujaymi, B., Alshehri, R.M., Asiri, S.S. 2023. Accuracy of Neutrophil-to-Lymphocyte Ratio in Predicting the Severity of Acute Appendicitis: A Single-Center Retrospective Study. *Cureus*, 15(9):1-12.
- Asafo-Adjei, P., Candy, G., Luvhengo, T.E. 2021. The Diagnostic and Discriminatory Value of Neutrophil Lymphocyte Ratio ( NLR ) in Acute Appendicitis. *Wits J Clin Med*, 3(3):161–166.
- Bhangu, A., Søreide, K., Di Saverio, S., Assarsson, J.H., Drake, F.T. 2015. Acute appendicitis: Modern understanding of pathogenesis, diagnosis, and management. *The Lancet*, 386(10000):1278–1287.
- Bom, W.J., Scheijmans, J.C.G., Salminen, P., Boermeester, M.A. 2021. Diagnosis of Uncomplicated and Complicated Appendicitis in Adults. *Scandinavian J of Surg*, 110(2):170–179.
- Buonacera, A., Stancanelli, B., Colaci, M., Malatino, L. 2022. Neutrophil to Lymphocyte Ratio: An Emerging Marker of the Relationships between the Immune System and Diseases. *Int J Mol Sci*, 23(7):1-11.
- Chopel, T., Tshering, S., Dorji, N., Dorji, T., Dorjee, S., Tenzin, T. 2022. Clinical profile of acute appendicitis at the National Referral Hospital in Bhutan. *J of Soc of Surg of Nepal*, 25(1):10–15.

- Christian, D.P., Suwedagatha, I.G., Golden, N., Wiargitha, I.K. 2015. Validitas Rasio Neutrofil Limfosit Pada Apendisitis Komplikata. *Jurnal Bedah Nasional*, 1(1):1–6.
- Dahlan, M.S. 2013. *Besar Sampel dan Cara Pengambilan Sampel*. 4th ed. Jakarta: Salemba Medika.
- D’Souza, N., Nugent, K. 2014. Appendicitis. *Clin Evid*, 12(408):1–11.
- Fenando. 2012. Continuing Education Activity. *J Cell Biol*, 197(4):462–463.
- Gorter, R.R., Eker, H.H., Gorter-Stam, M.A.W., Abis, G.S.A., Acharya, A., Ankersmit, M., Antoniou, S.A., Arolfo, S., Babic, B., Boni, L., Bruntink, M., van Dam, D.A., Defoort, B., Deijen, C.L., DeLacy, F.B., Go, P.M., Harmsen, A.M.K., van den Helder, R.S., Iordache, F., et al. 2016. Diagnosis and management of acute appendicitis. EAES consensus development conference 2015. *Surg Endosc*, 30(11):4668–4690.
- Guan, L., Liu, Z., Pan, G., Zhang, B., Wu, Y., Gan, T., Ouyang, G. 2023. The global, regional, and national burden of appendicitis in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019. *BMC Gastroenterol*, 23(1):1–13.
- Hajibandeh, Shahab, Hajibandeh, Shahin, Hobbs, N., Mansour, M. 2020. Neutrophil-to-lymphocyte ratio predicts acute appendicitis and distinguishes between complicated and uncomplicated appendicitis: A systematic review and meta-analysis. *Am J Surg*, 219(1):154–163.
- Hall, J.E., Hall, M.E. 2021a. *Physiology Medical - Dr Guyton. Guyton and Hall Textbook of Medical Physiology*. Philadelphia: Saunder Elsevier.
- Heriyanto, M.J., Ratnaningsih, T., Fatimah, B., Putri, R.H.H., Nisa, A.K. 2023. Profile of appendicitis patient: epidemiology, clinical, and laboratories evaluation in rural-urban area. *Int J Publ Health Sci*, 12(4):1384–1392.
- Heriyanto, M.J., Ratnaningsih, T., Hafida, R., Putri, H., Fatimah, B., Astuti, F.D. 2024. The Role of Neutrophil to Lymphocyte Ratio (NLR) and Platelet to Lymphocyte Ratio (PLR) in Appendicitis. *JBN*, 8(1):1-7.
- Hoffmann, J.C., Trimborn, C., Hoffmann, M., Schröder, R., Förster, S., Dirks, K., Tannapfel, A., Anthuber, M., Hollerweger, A. 2021. Classification of acute appendicitis (CAA): treatment directed new classification based on imaging (ultrasound, computed tomography) and pathology. *Int J Colorectal Dis*, 36(11):2347-2360.

- Jones, M.W., Lopez, R.A., Deppen, J.G. 2023. *Appendicitis. StatPearls*. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK493193/>.
- Jung, S.K., Rhee, D.Y., Lee, W.J., Woo, S.H., Seol, S.H., Kim, D.H., Choi, S.P. 2017. Neutrophil-to-lymphocyte count ratio is associated with perforated appendicitis in elderly patients of emergency department. *Aging Clin Exp Res*, 29(3):529–536.
- Kahramanca S, Ozgehan G, Seker D, Gökce EI, Seker G, Tunç G, Küçükpınar T, Kargıcı H. 2014. Neutrophil-to-lymphocyte ratio as a predictor of acute appendicitis. *Ulus Travma Acil Cerrahi Derg*, 20(1):19-22.
- Kosasih A, Prihatni D, Parwati I, Luisa, Ludong M, Rudianto. 2019. *Rentang nilai normal hematologi penduduk Indonesia dewasa*. Bandung: Perhimpunan Dokter Spesialis Patologi Klinik dan Kedokteran Laboratorium Indonesia.
- Kurniawan, R., Yudianto, Hardhana, B., Siswanti, T. 2019. *Profil Kesehatan Indonesia 2018*. Jakarta: Kementrian Kesehatan RI.
- Laohawilai, S., Sunthornpinij, T., Silaruks, B., Kaen Hospital, K. 2019. Risk factors for acute perforation of the appendix. *The Clin Academia*, 43(5): 171–178.
- Lee, C.K., Pelenyi, S.S., Fleites, O., Velez, V., Alaimo, K.L., Ramcharan, D.N., Tiesenga, F. 2021. Chronic Appendicitis, the Lesser-Known Form of Appendiceal Inflammation: A Case Report. *Cureus*, 13(11):1-10.
- Moris, D., Paulson, E.K., Pappas, T.N. 2021. Diagnosis and Management of Acute Appendicitis in Adults: A Review. *JAMA*, 326(22):2299–2311.
- Moro-García, M.A., Mayo, J.C., Sainz, R.M., Alonso-Arias, R. 2018. Influence of inflammation in the process of T lymphocyte differentiation: Proliferative, metabolic, and oxidative changes. *Front Immunol*, 9(1):339-344.
- Mortaz, E., Alipoor, S.D., Adcock, I.M., Mumby, S., Koenderman, L. 2018. Update on neutrophil function in severe inflammation. *Front Immunol*, 9(10):1–14.
- Van Parijs, L., Abbas, A.K. 1998. Homeostasis and self-tolerance in the immune system: Turning lymphocytes off. *Science (1979)*, 280(5361):243–248.
- R Happyanto, M., A Adhika, O., Pranoto, D. 2022. An Overview of Patients of Appendicitis and Surgical Site Infection Postappendectomy at Bethesda Hospital Yogyakarta Period 2019-2020. *J of Med and Health*, 4(2):154–164.
- Rajalingam, V.R., Mustafa, A., Ayeni, A., Mahmood, F., Shammout, S., Singhal, S., Akingboye, A. 2022. The Role of Neutrophil-Lymphocyte-Ratio (NLR) and Platelet-Lymphocyte-Ratio (PLR) as a Biomarker for Distinguishing Between Complicated and Uncomplicated Appendicitis. *Cureus*, 14(1):1-9.

- Reismann, M. 2022. A concise pathophysiological model of acute appendicitis against the background of the COVID-19 pandemic. *Front Pediatr*, 10(1):1–8.
- Salim, J., Agustina, F., Maker, J.J.R. 2022. Pre-Coronavirus Disease 2019 Pediatric Acute Appendicitis: Risk Factors Model and Diagnosis Modality in a Developing Low-Income Country. *Pediatr Gastroenterol Hepatol Nutr*, 25(1):30–40.
- Saputra, A.N. 2022. Prevalence of Appendicitis at Surgery Inpatient Department of a Secondary Care Hospital: A Descriptive Study. *Int J Of Med Sci And Clin Research S*, 2(10):1–6.
- Saputro, C.R.A., Fathiyah, F. 2022. Universal Health Coverage: Internalisasi Norma di Indonesia. *JJKN*, 2(2):204–216.
- Sevinç, M.M., Kınacı, E., Çakar, E., Bayrak, S., Özakay, A., Aren, A., Sarı, S. 2016. Diagnostic Value of Basic Laboratory Parameters for Simple and Perforated Acute Appendicitis: An Analysis of 3392 Cases. *Ulusal Travma ve Acil Cerrahi Dergisi*, 22(2):155–162.
- Sgourakis, G., Sotiropoulos, G.C., Molmenti, E.P., Eibl, C., Bonticous, S., Moege, J., Berchtold, C. 2008. Are acute exacerbations of chronic inflammatory appendicitis triggered by coprostasis and/or coproliths? *World J Gastroenterol*, 14(20):3179–3182.
- Shahmoradi, M.K., Zarei, F., Beiranvand, M., Hosseinnia, Z. 2021. A retrospective descriptive study based on etiology of appendicitis among patients undergoing appendectomy. *Int J of Surg Open*, 31(1):100326.
- Sheong Seow, C., Kok Hong Chan, D., Bohari, A., Wen Guo, J., Lin Sy, L. 2022. *Predictors of Clinical Outcomes in Acute Appendicitis: A Retrospective Study. Med J Malaysia*, 77(3):331–337.
- Sirikurnpiboon, S., Amornpornchareon, S. 2015. Factors Associated with Perforated Appendicitis in Elderly Patients in a Tertiary Care Hospital. *Surg Res Pract*, 2015(1):1–6.
- Snyder, M.J., Guthrie, M., Cagle, S. 2018. Acute appendicitis: Efficient diagnosis and management. *Am Fam Physician*, 98(1):25–33.
- Streck, C.J., Maxwell Iv, P.J. 2014. A Brief History of Appendicitis: Familiar Names and Interesting Patients. *Am Surg*, 80:105–108.
- Summers, C., Rankin, S.M., Condliffe, A.M., Singh, N., Peters, A.M., Chilvers, E.R. 2010. Neutrophil kinetics in health and disease. *Trends Immunol*, 31(8):318–324.

- Tasleem, S., Gulnaz, N., Afzal, A., Courtney, D. 2018. Nuetrophil-To-Lymphocyte Ratio (NLR) as a Predictor of Acute Appendicitis. *Annals of PIMS*, 14(1):1-9.
- Weledji, E.P., Zisuh, A. V., Ngounou, E. 2023. Management of appendicitis: appendicectomy, antibiotic therapy, or both? *Annals of Med and Surg*, 85(4):897–901.
- Wickramasinghe, D.P., Xavier, C., Samarasekera, D.N. 2021. The Worldwide Epidemiology of Acute Appendicitis: An Analysis of the Global Health Data Exchange Dataset. *World J Surg*, 45(7):1999–2008.
- Wu, L., Zou, S., Wang, C., Tan, X., Yu, M. 2019. Neutrophil-to-lymphocyte and platelet-to-lymphocyte ratio in Chinese Han population from Chaoshan region in South China. *BMC Cardiovasc Disord*, 19(1):1–5.
- Zahorec, R. 2021. Neutrophil-to-lymphocyte ratio, past, present and future perspectives. *Bratisl Med J*, 122(7):474–488.
- Zhou, H., Xu, J., Han, J., Xie, X., Xu, H. 2020. Evaluation of Neutrophil-to-Lymphocyte and Platelet-to-Lymphocyte Ratios as Reliable Biomarkers for the Diagnosis of Perforated Acute Appendicitis: A Retrospective case control study. *Medicine*, 1:1–10.