



## DAFTAR PUSTAKA

- Ahmad, W. *et al.* (2020) 'Study of platelet indices in dengue fever with thrombocytopenia and correlation of immature platelet fraction (IPF) with platelet recovery', *Archives of Hematology Case Reports and Reviews*, 5(1), pp. 001–005. doi:10.17352/ahcrr.000021
- Ali, S. and Shariq Shaikh, M. (2016) 'Clinical Utility of Immature Platelet Fraction-An Advanced Parameter in Laboratory Hematology'. *Journal of the College of Physicians and Surgeons--Pakistan: JCPSP*, 26, pp. 798–799. Available at: <https://www.researchgate.net/publication/309670536>.
- Ali, U. Knight, G. Gibbs, R and Tsitsikas, Dimitris A. (2017) 'Reference intervals for absolute and percentage immature platelet fraction using the Sysmex XN-10 automated haematology analyser in a UK population', *Scandinavian Journal of Clinical and Laboratory Investigation*, 77(8), pp. 658–664. Available at: <https://doi.org/10.1080/00365513.2017.1394488>.
- Alexander, M. *et al.* (2022) 'Improving compliance with the CMS SEP-1 sepsis bundle at a community-based Teaching Hospital Emergency Department', *Spartan Medical Research Journal*, 7(2). doi:10.51894/001c.37707.
- Ashan, H.R., Husni, H. and Alia, E. (2022) 'Correlation between Immature Platelet Fraction Value and SOFA Score in Sepsis Patient Correlation between Immature Platelet Fraction Value and SOFA Score Ashan-, et al', *INDONESIAN JOURNAL OF CLINICAL PATHOLOGY AND MEDICAL LABORATORY*, 28(3), pp. 251–256. Available at: [www.indonesianjournalofclinicalpathology.org](http://www.indonesianjournalofclinicalpathology.org).
- Assinger, A. Schrottmaier, Waltraud C. Salzmann, M. and Rayes, J. (2019) 'Platelets in sepsis: An update on experimental models and clinical data', *Frontiers in Immunology*, 10(JULY). Available at: <https://doi.org/10.3389/fimmu.2019.01687>.
- Astri, N. Wirawan, R. Muthalib, A. Setiabudy, RD. Suryaatmadja, M. and Sukartini, N. (2012). Nilai rujukan Immature Platelet Fraction (IPF) orang dewasa di Jakarta dengan XE-5000 serta aplikasi klinis pada pasien trombositopenia. Fakultas Kedokteran Universitas Indonesia.
- Badrinath, K. Shekhar, M. Sreelakshmi, M. Srinivasan, M. Thunga, G., Nair, S. *et al.* (2018) 'Comparison of various severity assessment scoring systems in patients with sepsis in a tertiary care teaching hospital', *Indian Journal of Critical Care Medicine*, 22(12), pp. 842–845. Available at: [https://doi.org/10.4103/ijccm.IJCCM\\_322\\_18](https://doi.org/10.4103/ijccm.IJCCM_322_18).
- Bauer, M. *et al.* (2020) 'Mortality in sepsis and septic shock in Europe, North America and Australia between 2009 and 2019—results from a systematic review and meta-analysis', *Critical Care*, 24(1). doi:10.1186/s13054-020-02950-2.
- Buttarelli, M. Mezzapelle, G. Freguglia, F. and Plebani, M. (2020) 'Reticulated platelets and immature platelet fraction: Clinical applications and method limitations', *International Journal of Laboratory Hematology*. Blackwell Publishing Ltd, pp. 363–370. Available at: <https://doi.org/10.1111/ijlh.13177>.
- De Blasi, R.A. Cardelli, P. Costante, A. Sandri, M. Mercieri, M. Arcioni, R. (2013) 'Immature platelet fraction in predicting sepsis in critically ill patients', *Intensive Care Medicine*, 39(4), pp. 636–643. Available at: <https://doi.org/10.1007/s00134-012-2725-7>.



- Caraballo, C. and Jaimes, F. (2019) *Organ Dysfunction in Sepsis: An Ominous Trajectory From Infection To Death*, Yale J Biol Med. 2019 Dec 20;92(4):629-640. PMID: 31866778; PMCID: PMC6913810.
- Chiu, C. and Legrand, M. (2021) 'Epidemiology of sepsis and septic shock', *Epidemiology of sepsis and septic shock*. Curr Opin Anaesthesiol. 2021 Apr 1;34(2):71-76. doi: 10.1097/ACO.0000000000000958. PMID: 33492864.
- Dewitte, A. Lepreux, S. Villeneuve, J. Rigother, C. Combe, C. Quattara, A. *et al.* (2017) 'Blood platelets and sepsis pathophysiology: A new therapeutic prospect in critical ill patients?', *Annals of Intensive Care*. Springer Verlag. Ann Intensive Care. 2017 Dec 1;7(1):115. DOI: 10.1186/s13613-017-0337-7. Available at: <https://doi.org/10.1186/s13613-017-0337-7>.
- Djuang, M.H., Ginting, F. and Hariman, H. (2018) 'Immature platelet fraction in bacterial sepsis severity assessment', in *IOP Conference Series: Earth and Environmental Science*. Institute of Physics Publishing. Available at: <https://doi.org/10.1088/1755-1315/125/1/012024>.
- Do, S.N. Dao, C. Nguyen, T. Nguyen, M. Pham, D. Nguyen, N. *et al.* (2023) 'Sequential Organ Failure Assessment (SOFA) Score for predicting mortality in patients with sepsis in Vietnamese intensive care units: a multicentre, cross-sectional study', *BMJ Open*, 13(3), p. e064870. Available at: <https://doi.org/10.1136/bmjopen-2022-064870>.
- Dolin, H.H. Papadimos, T. Chen, X and Pan, Z. (2019) 'Characterization of Pathogenic Sepsis Etiologies and Patient Profiles: A Novel Approach to Triage and Treatment', *Microbiology Insights*, 12, p. 117863611882508. Available at: <https://doi.org/10.1177/1178636118825081>.
- Drexler, M., Institute of Medicine (U.S.) and National Academies (U.S.). Office of Communications. *What you need to know about infectious disease*. Washington (DC): National Academies Press (US); 2010. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK209706/> doi: 10.17226/13006
- Faranita, T., Trisnawati, Y. and Lubis, M. (2013) 'Gangguan Koagulasi pada Sepsis'. *Sari Pediatri* 13(3), p. 226-232.
- Fleischmann-Struzek, C. Mellhammar, L. Rose, N. Cassini, A. Rudd, K. Schlattmann, P. *et al.* (2020) 'Incidence and mortality of hospital- and ICU-treated sepsis: results from an updated and expanded systematic review and meta-analysis', *Intensive Care Medicine*. Springer, pp. 1552–1562. Available at: <https://doi.org/10.1007/s00134-020-06151-x>.
- Genga, K.R. and Russell, J.A. (2017) 'Update of Sepsis in the Intensive Care Unit', *Journal of Innate Immunity*. S. Karger AG, pp. 441–455. Available at: <https://doi.org/10.1159/000477419>.
- Ghoshal, K. and Bhattacharyya, M. (2014) 'Overview of platelet physiology: Its hemostatic and nonhemostatic role in disease pathogenesis', *The Scientific World Journal*. ScientificWorld Ltd. Available at: <https://doi.org/10.1155/2014/781857>.
- Gyawali, B., Ramakrishna, K. and Dhamoon, A.S. (2019) 'Sepsis: The evolution in definition, pathophysiology, and management', *SAGE Open Medicine*. SAGE Publications Ltd. Available at: <https://doi.org/10.1177/2050312119835043>.



- Hubert, R.M.E. Rodrigues, M. Andreguetto, B. Santos, T. De Fatima Pereira Gilberti, M. De Castro, V. *et al.* (2015) 'Association of the immature platelet fraction with sepsis diagnosis and severity', *Scientific Reports*, 5, p. 8019. Available at: <https://doi.org/10.1038/srep08019>.
- Iba, T. and Levy, J.H. (2020) 'Sepsis-induced Coagulopathy and Disseminated Intravascular Coagulation', *Anesthesiology*, pp. 1238–1245. Available at: <https://doi.org/10.1097/ALN.0000000000003122>.
- Internal and Emergency Medicine*, 18(6), pp. 1789–1796. doi:10.1007/s11739-023-03265-0.
- Jarczak, D., Kluge, S. and Nierhaus, A. (2021a) 'Sepsis—Pathophysiology and Therapeutic Concepts', *Frontiers in Medicine*. Frontiers Media S.A. Available at: <https://doi.org/10.3389/fmed.2021.628302>.
- Laura, E. Andrew, R. Waleed, A. Massimo, A. Craig, M. Craig, F. *et al.* (2021) *Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021*. Available at: [www.ccmjournal.org](http://www.ccmjournal.org).
- Liu, Q.H. Song, M. Yang, B. and Xia, R. (2017) 'Clinical significance of measuring reticulated platelets in infectious diseases', *Medicine (United States)*, 96(52). Available at: <https://doi.org/10.1097/MD.00000000000009424>.
- Markwart, R. *et al.* (2020) 'Epidemiology and burden of sepsis acquired in hospitals and Intensive Care Units: A systematic review and meta-analysis', *Intensive Care Medicine*, 46(8), pp. 1536–1551. doi:10.1007/s00134-020-06106-2.
- Martin, G.S. (2012) 'Sepsis, severe sepsis and septic shock: Changes in incidence, pathogens and outcomes', *Expert Review of Anti-Infective Therapy*, pp. 701–706. Available at: <https://doi.org/10.1586/eri.12.50>.
- Muronoi, T. Koyama, K. Nunomiya, S. Lefor, A. Wada, M. Koinuma, T. *et al.* (2016) 'Immature platelet fraction predicts coagulopathy-related platelet consumption and mortality in patients with sepsis', *Thrombosis Research*, 144, pp. 169–175. Available at: <https://doi.org/10.1016/j.thromres.2016.06.002>.
- Nahm FS. (2022). 'Receiver operating characteristic curve: overview and practical use for clinicians'. *Korean J Anesthesiol.* 2022 Feb;75(1):25-36. doi: 10.4097/kja.21209. Epub 2022 Jan 18. PMID: 35124947; PMCID: PMC8831439.
- Park, S. Ha, S. Cho, Y. Park, C. Jang, S. and Hong, S. (2016) 'Immature platelet fraction in septic patients: Clinical relevance of immature platelet fraction is limited to the sensitive and accurate discrimination of septic patients from non-septic patients, not to the discrimination of sepsis severity', *Annals of Laboratory Medicine*, 36(1), pp. 1–8. Available at: <https://doi.org/10.3343/alm.2016.36.1.1>.
- Pool, R., Gomez, H. and Kellum, J.A. (2018) 'Mechanisms of Organ Dysfunction in Sepsis', *Critical Care Clinics*. W.B. Saunders, pp. 63–80. Available at: <https://doi.org/10.1016/j.ccc.2017.08.003>.
- Puspita, R.I. Hadi, U. Afrijanti, M.V. Rusli, M. Bramantono. And Miftahussurur, M. (2019). 'Immature Platelet Fraction and Platelet Counts Changes in Dengue fever Patients'. *The New Armenia Medical Journal*, 13 (1), pp.64-68.



- Rao, S. and Martin, F. (2010) *Guideline for management of massive blood loss in trauma*. Available at: [www.anaesthesiologists.org](http://www.anaesthesiologists.org).
- Singer, M. Deutschman, C. Seymour, C. Shankar-Hari, M. Annane, D. Bauer, M. *et al.* (2016) 'The third international consensus definitions for sepsis and septic shock (sepsis-3)', *JAMA - Journal of the American Medical Association*. American Medical Association, pp. 801–810. Available at: <https://doi.org/10.1001/jama.2016.0287>.
- Stearns-Kurosawa, D.J. Osuchowski, M. Valentine, C. Kurosawa, S. and Remick, D. *et al.* (2011) 'The pathogenesis of sepsis', *Annual Review of Pathology: Mechanisms of Disease*, 6, pp. 19–48. Available at: <https://doi.org/10.1146/annurev-pathol-011110-130327>.
- Sysmex (2012) *Automated Hematology Analyzer XN series (For XN-1000 system) Instruction for Use*. Japan: Kobe
- Sysmex (2017) *The value-driven laboratory THE ROLE OF THE IMMATURE PLATELET FRACTION (IPF) IN THE DIFFERENTIAL DIAGNOSIS OF THROMBOCYTOPENIA The Value-Driven Laboratory Immature Platelet Fraction (IPF): An insight into assessment and treatment of platelet disorders*. Available at: [www.sysmex.com/us](http://www.sysmex.com/us).
- Tauseef, A. Zafar, M. Arshad, W. Thirumalareddy, J. Sood, A. Farooque, U. *et al.* (2021) 'Role of immature platelet fraction (IPF) in sepsis patients: A systematic review', *Journal of Family Medicine and Primary Care*, 10(6), p. 2148. Available at: [https://doi.org/10.4103/jfmpe.jfmpe\\_2293\\_20](https://doi.org/10.4103/jfmpe.jfmpe_2293_20).
- Thorup, C.V., Christensen, S. and Hvas, A.M. (2020) 'Immature Platelets As a Predictor of Disease Severity and Mortality in Sepsis and Septic Shock: A Systematic Review', *Seminars in Thrombosis and Hemostasis*. Thieme Medical Publishers, Inc., pp. 320–327. Available at: <https://doi.org/10.1055/s-0039-3400256>.
- Tuttle, E., Wang, X. and Modrykamien, A. (2023) 'Sepsis mortality and ICU length of stay after the implementation of an intensive care team in the emergency department',
- Unal, I. (2017) 'Defining an optimal cut-point value in ROC analysis: An alternative approach', *Computational and Mathematical Methods in Medicine*, 2017. Available at: <https://doi.org/10.1155/2017/3762651>.
- Vincent, J. Rello, J. Marshall, J. Silva, E. Anzueto, A. Martisn, C. *et al.* (2009) *International Study of the Prevalence and Outcomes of Infection in Intensive Care Units*. Available at: <https://jamanetwork.com/>.
- Vincent, J.L. (2016) 'The Clinical Challenge of Sepsis Identification and Monitoring', *PLoS Medicine*, 13(5). Available at: <https://doi.org/10.1371/journal.pmed.1002022>.
- Walker, D.H. (2014) 'Principles of Diagnosis of Infectious Diseases', in *Pathobiology of Human Disease: A Dynamic Encyclopedia of Disease Mechanisms*. Elsevier Inc., pp. 222–225. Available at: <https://doi.org/10.1016/B978-0-12-386456-7.01713-5>.
- Wilcox, M. Daou, M. Dionne, J. Dodek, P. Englesakis, M. Garland, A. *et al.* (2022) 'Protocol for a scoping review of sepsis epidemiology', *Systematic Reviews*, 11(1). Available at: <https://doi.org/10.1186/s13643-022-02002-6>.
- Wu, Q. Ren, J. Hu, D. Jiang, P. Li, G. Anjum, N. *et al.* (2015) 'An elevated percentage of reticulated platelet is associated with increased mortality in septic shock patients', *Medicine (United States)*, 94(19). Available at: <https://doi.org/10.1097/MD.0000000000000814>.