



DAFTAR PUSTAKA

- Alexandru, N., Popov, D., Dragan, E., Andrei, E., Georgescu, A. 2011. Platelet activation in hypertension associated with hypercholesterolemia: effects of irbesartan. *J Thromb Haemos*, 9(1):173–184.
- Aminzadeh, Z., Parsa, E. 2011. Relationship between Age and Peripheral White Blood Cell Count in Patients with Sepsis. *Int J Prev Med*, 2(4):238–242.
- Assinger, A., Schrottmaier, W.C., Salzman, M., Rayes, J. 2019. Platelets in Sepsis: An Update on Experimental Models and Clinical Data. *Front Immunol*, 10:1–19.
- Aydemir, H., Piskin, N., Akduman, D., Kokturk, F., Aktas, E. 2015. Platelet and mean platelet volume kinetics in adult patients with sepsis. *Platelets*, 26(4):331–335.
- Boos, C.J., Beevers, G.D., Lip, G.Y.H. 2007. Assessment of platelet activation indices using the ADVIA TM 120 amongst ‘high-risk’ patients with hypertension. *Ann Med*, 39(1):72–78.
- Cox, D. 2023. Sepsis – it is all about the platelets. *Front Immunol*, 14:1-16.
- Dewitte, A., Lepreux, S., Villeneuve, J., Rigother, C., Combe, C., Ouattara, A., Ripoche, J. 2017. Blood platelets and sepsis pathophysiology: A new therapeutic prospect in critical ill patients? *Ann Intensive Care*, 7(1):1-18.
- Ebermeyer, T., Cognasse, F., Berthelot, P., Mismetti, P., Garraud, O., Hamzeh-Cognasse, H. 2021. Platelet Innate Immune Receptors and TLRs: A Double-Edged Sword. *Int J Mol Sci*, 22(15):1-34.
- Farkas, J.D. 2020. The complete blood count to diagnose septic shock. *J Thorac Dis*, 12(1):16–21.
- Gonzalez, D.A., Kumar, R., Asif, S., Bali, A., Dang, A.K. 2022. Sepsis and Thrombocytopenia: A Nowadays Problem. *Cureus*, 14(5):1-7.
- Gregoriano, C., Heilmann, E., Molitor, A., Schuetz, P. 2020. Role of procalcitonin use in the management of sepsis. *J Thorac Dis*, 12(1):5–15.
- Greinacher, A., Selleng, S. 2016. How i evaluate and treat thrombocytopenia in the intensive care unit patient. *Blood*, 128(26):3032–3042.
- Gupta, S., Jaswani, P., Sharma, R.K., Agrawal, S., Prasad, N., Sahu, C., Gupta, A., Prasad, K.N. 2019. Procalcitonin as a diagnostic biomarker of sepsis: A tertiary care centre experience. *J Infect Public Health*, 12(3):323–329.



- El Haouari, M., Rosado, J. 2009. Platelet function in hypertension. *Blood Cells Mol Dis*, 42(1):38–43.
- He, Y., Xu, J., Shang, X., Fang, X., Gao, C., Sun, D., Yao, L., Zhou, T., Pan, S., Zou, X., Shu, H., Yang, X., Shang, Y. 2022. Clinical characteristics and risk factors associated with ICU-acquired infections in sepsis: A retrospective cohort study. *Front Cell Infect Microbiol*, 12:1-15.
- Iba, T., Levy, J.H., Warkentin, T.E., Thachil, J., van der Poll, T., Levi, M. 2019. Diagnosis and management of sepsis-induced coagulopathy and disseminated intravascular coagulation. *J Thromb Haemos*, 17(11):1989–1994.
- Jiménez-Zarazúa, O., González-Carrillo, P.L., Vélez-Ramírez, L.N., Alcocer-León, M., Salceda-Muñoz, P.A.T., Palomares-Anda, P., Nava-Quirino, O.A., Escalante-Martínez, N., Sánchez-Guzmán, S., Mondragón, J.D. 2021. Survival in septic shock associated with thrombocytopenia. *Heart & Lung*, 50(2):268–276.
- Johansson, D., Rasmussen, M., Inghammar, M. 2018. Thrombocytopenia in bacteraemia and association with bacterial species. *Epidemiol Infect*, 146(10):1312–1317.
- Kari, K.A., Wan Muhd Shukeri, W.F., Yaacob, N.M., Li, A.Y., Zaini, R.H., Mazlan, M.Z. 2023. Prevalence and Outcome of Sepsis: Mortality and Prolonged Intensive Care Unit Stay among Sepsis Patients Admitted to a Tertiary Centre in Malaysia. *Malay J Med Sci*, 30(6):120–132.
- Lakshman, R., Purushothaman, S., Balakrishnan, S., Nair, S. 2016. Thrombocytopenia in Septic Patients - An Observational Cohort Study in Medical Intensive Care Unit. *Aust Crit Care J*, 3(1):1–7.
- Lamy, B., Sundqvist, M., Idelevich, E.A. 2020. Bloodstream infections – Standard and progress in pathogen diagnostics. *Clin Microbiol Infect*, 26(2):142–150.
- Leone, M., Nielsen, N.D., Russell, L. 2024. Ten tips on sepsis-induced thrombocytopenia. *Intensive Care Med*, 50(7):1157–1160.
- Li, S., Liu, S., Hao, M., Yu, T., Hu, S., Liu, L., Liu, Z. 2023. Thrombocytopenia as an important determinant of poor prognosis in patients with pyogenic liver abscess: a retrospective case series. *Front Surg*, 10:1–13.
- Li, X., Wang, S., Ma, J., Bai, S.-G., Fu, S.-Z. 2024. Predictive value of thrombocytopenia for bloodstream infection in patients with sepsis and septic shock. *World J Crit Care Med*, 13(1):1-10.
- Liu, X., Yi, G., Zhang, G., Liu, H., Liang, Z., Nie, D., Ma, L. 2025. The relationship between platelet parameters and bacterial types in patients with bacteremia: A retrospective observational study. *J Infect Dev Ctries*, 19(03):381–390.



- Mehta, Y., Paul, R., Rabbani, R., Acharya, S.P., Withanaarachchi, U.K. 2022. Sepsis Management in Southeast Asia: A Review and Clinical Experience. *J Clin Med*, 11(13):1-19.
- Moskalensky, A.E., Yurkin, M.A., Muliukov, A.R., Litvinenko, A.L., Nekrasov, V.M., Chernyshev, A. V., Maltsev, V.P. 2018. Method for the simulation of blood platelet shape and its evolution during activation. *PLoS Comput Biol*, 14(3):1-22.
- Nejtek, T., Müller, M., Moravec, M., Průcha, M., Zazula, R. 2023. Bacteremia in Patients with Sepsis in the ICU: Does It Make a Difference? *Microorganisms*, 11(9):1-10.
- Peri, A.M., Harris, P.N.A., Paterson, D.L. 2022. Culture-independent detection systems for bloodstream infection. *Clin Microbiol Infect*, 28(2):195–201.
- Rodriguez, B.A.T., Johnson, A.D. 2020. Platelet Measurements and Type 2 Diabetes: Investigations in Two Population-Based Cohorts. *Front Cardiovasc Med*, 7:1-12.
- Sagar, R.C., Ajjan, R.A., Naseem, K.M. 2022. Non-Traditional Pathways for Platelet Pathophysiology in Diabetes: Implications for Future Therapeutic Targets. *Int J Mol Sci*, 23(9):1-15.
- Satoh, K., Wada, T., Tampo, A., Takahashi, G., Hoshino, K., Matsumoto, H., Taira, T., Kazuma, S., Masuda, T., Tagami, T., Ishikura, H., Ogura, T., Kawazoe, Y., Takatani, Y., Tanaka, C., Nakamura, K., Nakamura, Y., Mochizuki, K., Yamazaki, M. 2024. Practical approach to thrombocytopenia in patients with sepsis: a narrative review. *Thromb J*, 22(1):67.
- Seifert, H. 2009. The Clinical Importance of Microbiological Findings in the Diagnosis and Management of Bloodstream Infections. *Clin Infect Dis*, 48(4):238–245.
- Setarehaseman, A., Mohammadi, A., Maitta, R.W. 2025. Thrombocytopenia in Sepsis. *Life*, 15(2):1-24.
- Shannon, O. 2021. The role of platelets in sepsis. *Res Pract Thromb Haemos*, 5(1):27–37.
- Sharma, B., Sharma, M., Majumder, M., Steier, W., Sangal, A., Kalawar, M. 2007. Thrombocytopenia in Septic Shock Patients—A Prospective Observational Study of Incidence, Risk Factors and Correlation with Clinical Outcome. *Anaesth Intensive Care*, 35(6):874–880.
- Soedarmono, P., Diana, A., Tauran, P., Lokida, D., Aman, A.T., Alisjahbana, B., Arlinda, D., Tjitra, E., Kosasih, H., Merati, K.T.P., Arif, M., Gasem, M.H., Susanto, N.H., Lukman, N., Sugiyono, R.I., Hadi, U., Lisdawati, V., Tchos,



- K.G.F., Neal, A., et al. 2022. The characteristics of bacteremia among patients with acute febrile illness requiring hospitalization in Indonesia. *PLoS One*, 17(9):1-21.
- Su, L., Xu, Z., Chang, F., Ma, Y., Liu, S., Jiang, H., Wang, H., Li, D., Chen, H., Zhou, X., Hong, N., Zhu, W., Long, Y. 2021. Early Prediction of Mortality, Severity, and Length of Stay in the Intensive Care Unit of Sepsis Patients Based on Sepsis 3.0 by Machine Learning Models. *Front Med*, 8:1-8.
- Thon, J.N., Italiano, J.E. 2012. *Platelets: Production, Morphology and Ultrastructure*, Springer-Verlag, Berlin.
- Tokarz-Deptuła, B., Palma, J., Baraniecki, Ł., Stosik, M., Kołacz, R., Deptuła, W. 2021. What Function Do Platelets Play in Inflammation and Bacterial and Viral Infections? *Front Immunol*, 12:1–17.
- Vandijck, D.M., Blot, S.I., De Waele, J.J., Hoste, E.A., Vandewoude, K.H., Decruyenaere, J.M. 2010. Thrombocytopenia and outcome in critically ill patients with bloodstream infection. *Heart & Lung*, 39(1):21–26.
- Venkata, C., Kashyap, R., Farmer, J.C., Afessa, B. 2013. Thrombocytopenia in adult patients with sepsis: incidence, risk factors, and its association with clinical outcome. *J Intensive Care*, 1(1):1-10.
- Wan Muhd Shukeri, W.F., Mat Nor, M.B., Md Ralib, A. 2022. Sepsis and Its Impact on Outcomes in Elderly Patients Admitted to a Malaysian Intensive Care Unit. *Malay J Med Sci*, 29(3):145–150.
- Wang, K., Lu, D., Wang, F. 2024. Subphenotypes of platelet count trajectories in sepsis from multi-center ICU data. *Sci Rep*, 14(1):1-12.
- Zvetkova, E., Ivanov, I., Koytchev, E., Antonova, N., Gluhcheva, Y., Alexandrova-Watanabe, A., Kostov, G. 2024. Hematological and Hemorheological Parameters of Blood Platelets as Biomarkers in Diabetes Mellitus Type 2: A Comprehensive Review. *Appl Sci*, 14(11):1-15.