

DAFTAR PUSTAKA

- Akboga, M. K., Canpolat, U., Yuksel, M., Yayla, C., Yilmaz, S., Turak, O., *et al.* (2016). Platelet to lymphocyte ratio as a novel indicator of inflammation is correlated with the severity of metabolic syndrome: A single center large-scale study. *Platelets*, 27(2), 178–183. doi: 10.3109/09537104.2015.1064518
- Alexander, N. I. (2016). Reference Values of Neutrophil-Lymphocyte Ratio, Platelet-Lymphocyte Ratio and Mean Platelet Volume in Healthy Adults in North Central Nigeria. *Journal of Blood & Lymph.* doi: 10.4172/2165-7831.1000143
- American Diabetes Association. (2023). Standards of Care in Diabetes Volume 46. *Diabetes Care.* www.diabetesjournals.org/care
- Arman, M., Payne, H., Ponomaryov, T., Brill, A. (2015). Role of Platelets in Inflammation. *The Non-Thrombotic Role Platelets in Health and Disease:* 37-63. doi: 10.5772/60536
- Aronson, D., Bartha, P., Zinder, O., Kerner, A., Shitman, E., Markiewicz, W. *et al.* (2003). Association between Fasting Glucose and C-reactive Protein in Middle-aged Subjects. *Diabetic Medicine*, 39-44. doi: 10.1046/j.1464-5491.2003.01084.x
- Asadollahi, K., Beeching, N., Gill, G. (2007). Hyperglycemia and mortality. *Journal of the Royal Society of Medicine* 100: 503-507. doi: 10.1258/095467907100011503
- Atak, B., Aktas, G., Duman, T. T., Erkus, E., Kocak, M. Z., Savli, H. (2019). Diabetes control could through platelet-to-lymphocyte ratio in hemograms. *Revista da Associacao Medica Brasileira (1992)*, 65(1), 38–42. doi: 10.1590/1806-9282.65.1.38
- Barnett, K., McMurdo, M., Ogston, S., Morris, A., Evans, J. (2006). Mortality in people diagnosed with type 2 diabetes at an older age: a systematic review. *Age and Ageing* (2006) 35: 463-468. doi: 10.1093/ageing/af1019
- Baumert, J., Heidermann, C., Paprott, R., Du, Y., Nave, S. (2018). Association between random glucose and all-cause mortality: findings from the mortality follow-up of the German National Health Interview and Examination Survey 1998. *BMC Endocrine Disorders* 18:95. doi: 10.1186/s12902-018-0319-2.

- Bernhard, M., Kramer, A., Doll, S., Weidhase, L., Hartwig, T., Petros, S. *et al.* (2021). Admission Blood Glucose in the Emergency Departement is Associated with Increased In-Hospital Mortality in Nontraumatic Critically Ill Patients. *The Journal of Emergency Medicine* 19:15. doi: 10.1016/j.jemermed.2021.04.011
- Brahimaj, A., Ligthart, S., Ghanbari, M., Ikram, M. A., Hofman, A., Franco, O. H. *et al* (2017). Novel inflammatory markers for incident pre-diabetes and type 2 diabetes: The Rotterdam study. *Eur J Epidemiol*, 32:217–226. doi:10.1007/s10654-017-0236-0
- Bosevski, M., Stojanovska, L., Apostopoulos, V. (2015). Inflammatory biomarkers: impact for diabetes and diabetic vascular disease. *Acta Biochim Biophys Sin*, 1029–1031. doi: 10.1093/abbs/gmv109
- Bouma, M., Dekker, J. H., Sonnaville, J. J., Does, F. E., Vries, H., Kriegsman, D. M. *et al.* (1999). How Valid is Fasting Plasma Glucose as a Parameter of Glycemic Control in Non-Insulin-Using Patients with Type-2 Diabetes. *Diabetes Care*, 904-907. doi: 10.2337/diacare.22.6.904
- Chen, Z., Watanabe, R. M., Stram, D. O., Buchanan, T. A., Xiang, A. H. (2014). High Calorie Intake Is Associated With Worsening Insulin Resistance and b-Cell Function in Hispanic Women After Gestational Diabetes Mellitus. *Diabetes Care*, 3294–3300. doi: 10.2337/dc14-1433
- Cheng, L. J., Wang, W., Lim, S. T. Wu, V. X. (2018). Factors Associated with Glycaemic Control in Patients with Diabetes Melitus: A systematic literature review. *Journal of Clinical Nursing*, 1433-1450. doi: 10.1111/jocn.14795
- Cigolle, C., Blaum, C., Lyu, C., Ha, J., Kabeto, M., Zhong, J. (2022). Associations of Age at Diagnosis and Duration of Diabetes with Morbidity and Mortality Among Older Adults. *JAMA Network Open*; 5 (9): e2232766. doi: 10.1001/jamanetworkopen.2022.32766
- Corvera, S., Burkart, A., Kim, J. Y., Christianson, J., Wang, Z., & Scherer, P. E. (2006). Keystone meeting summary: 'Adipogenesis, obesity, and inflammation' and 'Diabetes mellitus and the control of cellular energy metabolism,' January 21-26, 2006, Vancouver, Canada. *Genes & development*, 20 (16), 2193–2201. doi: 10.1101/gad.1447506
- Cuma Mertoglu, M. G. (2016). Neutrophil-Lymphocyte Ratio and Platelet-Lymphocyte Ratio as Useful Predictive Markers of Prediabetes and Diabetes Melitus. *Elsevier*, 127-131. doi: 10.1016/j.dsx.2016.12.021

- Cupp, M. A., Cariolou, M., Tzoulaki, I., Aune, D., Evangelou, E., Taylor, A. J. B. (2020). Neutrophil to lymphocyte ratio and cancer prognosis: an umbrella review of systematic reviews and meta-analyses of observational studies. *BMC Medicine*. doi: 10.1186/s12916-020-01817-1
- Dahlan, M. S. (2018). Statistik untuk kedokteran dan kesehatan. Cetakan ke-7. Jakarta: Epidemiologi Indonesia
- Dayan, C. Platts, J. (2020). 13.9.1 Diabetes: Oxford Textbook of Medicine 6th ed, p.2464-2540. Malaysia: Oxford University Press
- Demirtas, L., Degirmenci, H., Akbas, E. M., Ozcicek, A., Timuroglu, A., Gurel, A. *et al* (2015). Association of Hematological Indices with Diabetes, Impaired Glucose Regulation and Microvascular Complications of Diabetes. *International Journal of Clinical and Experimental Medicine*, 11420-11427.
- Dowey, R., Iqbal, A., Heller, S. R., Sabroe, I., Prince, L. R. (2021). A Bittersweet Response to Infection in Diabetes; Targeting Neutrophils to Modify Inflammation and Improve Host Immunity. *Frontiers in immunology*, 12, 678771. doi: 10.3389/fimmu.2021.678771
- Duman, T. T., Aktas, G., Atak, B. M., Kocak, M. Z., Erkus, E., Savli, H. (2019). Neutrophil to lymphocyte ratio as an indicative of diabetic control level in type 2 diabetes mellitus. *African Health Sciences*. doi: 10.4314/ahs.v19i1.35
- Evans, N. R., Dhatariya, K. K., (2012). Assessing the relationship between admission glucose levels, subsequent length of hospital stay, readmission and mortality. *Clinical Medicine Vol 12*: 137-9.
- Gao, F., Wang, Z. J., Shen, H., Yang, S. W., Nie, B., Zhou, Y. J. (2018). Impact of obesity on mortality in patients with diabetes: Meta-analysis of 20 studies including 250,016 patients. *Journal of Diabetes Investigation* (9): 44-54. doi: 10.1111/jdi.12677
- Gasparyan, A. Y., Ayvazyan, L., Mukanova, U., Yessirkepov, M., Kitas, G. D. (2019). The Platelet-to-Lymphocyte Ratio as an Inflammatory Marker in Rheumatic Diseases. *Annals of laboratory medicine*, 39 (4), 345–357. doi: 10.3343/alm.2019.39.4.345
- Giacco, F., Browniee, M. (2010). Oxidative stress and diabetic complications. *National Institute of Health* 107(9): 1058-1070. doi: 10.1161/CIRCRESAHA.110.223545
- Godinjak, A., Iglica, A., Burekovic, A., Jusufovic, S., Ajanovic, A., Tancica, I. *et al*. (2015). Hyperglycemia in Critically Ill Patients: Management and Prognosis. *Med Arh* 69(3): 157-160. doi: 10.5455/medarh.2015.69.157-160

- Guo, X., Zhang, S., Zhang, Q., Liu, L., Wu, H., Du, H., *et al.* (2015). Neutrophil:lymphocyte ratio is positively related to type 2 diabetes in a large-scale adult population: a Tianjin Chronic Low-Grade Systemic Inflammation and Health cohort study. *European Journal of Endocrinology*. doi: 10.1530/EJE-15-0176
- Hastono, S. P. (2006). Analisis Data. Jakarta: Fakultas Kesehatan Masyarakat Universitas Indonesia.
- Hellebrekers, P., Vrisekoop, N., Koenderman, L. (2018). Neutrophil phenotypes in health and disease. *European Journal of Clinical Investigation*. doi: 10.1111/eci.12943
- Hidayat, A. (2009). Metode Penelitian Keperawatan dan Teknik Analisis Data. Jakarta: Salemba Medika.
- Howell, D. (2010). Statistical Methods for Psychology 7th edition. Canada: Cengage Wadsworth.
- Huang, E., Laiteerapong, N., Liu, J., John, P., Moffet, H., Karter, A. (2014). Rate of Complications and Mortality in Older Diabetes Patients: The Diabetes and Aging Study. *JAMA Intern Med*; 174 (2): 251-258. doi: 10/1001/jamainternmed.2013.12956
- Huang, J., Xiao, Y., Xu, A., Zhou, Z. (2016). Neutrophil in type 1 diabetes. *Journal of Diabetes Investigation*: 652-663. doi: 10.1111/jdi.12469
- Hussain, M., Babar, M. Z. M., Akhtar, L., Hussain, M. S. (2017). Neutrophil lymphocyte ratio: A well assesment tool of glycemic control in Type-2 diabetic patients. *Pak J Med Sci*. doi: 10.12669/pjms.336.12900
- International Diabetes Federation (IDF). (2019). *IDF Diabetes Atlas, 9th ed.* Brussels, Belgium: IDF. Available at: <https://www.diabetesatlas.org>
- Jafar, N., Edriss, H. Nugent, K. (2016). The effect of short-term hyperglycemia on the innate immune system. *American Journal of the Medical Sciences* 351(2): 201-211. doi: <https://doi.org/10.1016/j.amjms.2015.11.011>
- Jeon, T. J., Park, J. Y. (2017). Clinical significance of the neutrophil-lymphocyte ratio as an early predictive marker for adverse outcomes in patients with acute pancreatitis. *World J Gastroenterology*, 3883-3889. doi: 10.3748/wjg.v23.i21.3883
- Johnson, R., Wichern, D. (2007). Applied Multivariate Statistical Analysis 6th edition. New Jersey: Prentice Hall.
- Kalsbeek, A., Fleur, S., Fliers, E. (2014). Circadian control of glucose metabolism. *Elsevier: Molecular Metabolism* 3 (2014) 372-383. doi: 10.1016/j.molmet.2014.03.002

- Karakonstatis, S., Kalemaki, D., Tzagkarakis, E., Lydakis, C. (2017). Pitfalls in studies of eosinopenia and neutrophil-to-lymphocyte count ratio. *Infectious Disease*. doi: 10.1080/23744235.2017.1388537
- Kim, J. K., Lee, A. Y., Kang, J. H., Yu, B. Y., Kim, S. J. (2018). Association of Fasting Glucose Level with Neutrophil-Lymphocyte Ratio Compared to Leukocyte Count and Serum C-Reactive Protein. *Korean Journal of Family Medicine*, 42-50. doi:10.4082/kjfm.2018.39.1.42
- Lee, J. S., Kim, N. Y., Na, S. H., Youn, Y. H. Shin, C. S. (2018) Reference values of neutrophil-lymphocyte ratio, lymphocyte-monocyte ratio, platelet-lymphocyte ratio, and mean platelet volume in healthy adults in South Korea. *Medicine*. doi: 10.1097/MD.00000000000011138
- Leliefeld, P. H. C., Koenderman, L. Pillay, J. (2015). How Neutrophils Shape Adaptive Immune Responses. *Frontiers in Immunology*, 6. doi: 10.3389/fimmu.2015.00471
- Li, M., Chen, G., Feng, Y., He, X. (2021). Stress Induced Hyperglycemia in the Context of Acute Coronary Syndrome: Definitions, Interventions and Underlying Mechanisms. *Frontiers in Cardiovascular Medicine*. doi: 10.3389/fcvm.2021.676892
- Lin, S., He, W., Zheng, M. (2020). Association of Diabetes and Admission Blood Glucose Levels with Short-Term Outcomes in Patients with Critical Illnesses. *Journal of Inflammation Research: 13* 1151-1166. doi.org/10.2147/JIR.S287510
- Lim, H., Cuker, A. (2022). Thrombocytopenia and Liver Disease: Pathophysiology and Periprocedural Management. *Hematology Am Soc Hematol Educ Program* (2022) 2022 (1): 296–302. doi: 10.1182/hematology.2022000408
- Liu, W., Lin, S., Wang, L., Fang, C., Lin, Y., Braddock, M., *et al.* (2016). Platelet-to-Lymphocyte Ratio A Novel Prognostic Factor for Prediction of 90-day Outcome in Critically Ill Patients with Diabetic Ketoacidosis. *Medicine*. 10.1097/MD.0000000000002596
- Liu, X., Liu, Y., Zhan, J., He, Q. (2014). Overweight, obesity and risk of all-cause and cardiovascular mortality in patients with type 2 diabetes mellitus: a dose-response meta-analysis of prospective cohort studies. *Eur J Epidemiol*. doi: 10.1007/s10654-014-9973-5
- Lou, M., Lou, P., Tang, R., Peng, Y., Yu, S., Huang, W., He, L. (2015). Relationship between neutrophil-lymphocyte ratio and insulin resistance in newly diagnosis type 2 diabetes mellitus patients. *BMC Endocrine Disorders*. doi: 10.1186/s12902-015-0002-9
- Mandrekar, J. (2010). Receiver Operating Characteristic Curve in Diagnostic Test Assesment. *Elsevier: Journal of Thoracic Oncology*. doi: 10.1097/JTO.0b013e3181ec173d

- Martyn, J. A. J., Kaneki, M., Yasuhara, S. (2008). Obesity-Induced Insulin Resistance and Hyperglycemia: Etiological Factors and Molecular Mechanisms. *Anesthesiology*, 137-148. doi: 10.1097/ALN.0b013e3181799d45
- Meng, W., Zhang, C., Zhang, Q., Song, X., Lin, H., Zhang, D., *et al.* (2012) Association between Leukocyte and Metabolic Syndrome in Urban Han Chinese: A Longitudinal Cohort Study. *PLoS ONE* 7 (11): e49875. <https://doi.org/10.1371/journal.pone.0049875>
- Mertoglu, C., Gunay, M. (2016). Neutrophil-Lymphocyte ratio and Platelet-Lymphocyte ratio as useful predictive markers of prediabetes and diabetes mellitus. *Elsevier*, S127-S131. doi: 10.1016/j.dsx.2016.12.021
- Monier, L., Colette, C. (2009). Target for Glycemic Control. *American Diabetes Association*, 199-204. doi:10.2337%2Fdc09-S310
- Mortaz, E., Alipoor, S., Adcock, I., Mumby, S., Koenderman, L. (2018). Update on Neutrophil Function in Severe Inflammation. *Frontiers in Immunology*, 9. doi: 10.3389/fimmu.2018.02171
- Mouri, M. I., Badireddy, M. (2022). Hyperglycemia. *Statpearls*. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK430900/>
- Moursy, E. Y., Megalla, M. H., Mouftah, R. F., Ahmed, S. M., (2015). Relationship Between Neutrophil-Lymphocyte Ratio and Microvascular Complications in Egyptian Patients with Type 2 Diabetes. *American Journal of Internal Medicine*. doi: 10.11648/j.ajim.20150306.16
- Naeger, D. M., Kohi, M. P., Webb, E. M., Phelps, A., Ordovas, K. G., Newman, T. B. (2013). Correctly Using Sensitivity, Specificity, and Predictive Values in CLinical Practice: How to Avoid Three Common Pitfalls. *American J Roentgenol*. doi: 10.2214/AJR.12.9888
- Nomura, S., Shouzu, A., Omoto, S., Nishikawa, M., Fukuhara, S. (2000). Significance of chemokines and activated platelets in patients with diabetes. *Clinical and experimental immunology*, 121(3), 437-443. doi: 10.1046/j.1365-2249.2000.01324.x
- Nurdin, Kalma, Hasnawati, Nasir, H. (2021). Profil Nilai Neutrophil-Lymphocyte Ratio (NLR) pada Penderita Diabetes Melitus Tipe-2. *Jurnal Media Analisis Kesehatan*. doi: 10.32382/mak.v12i1.2070
- Ouellet, R., Malhotra, R., Penne, E. L., Usvya, L., Levin, N. Kotanko, P. (2016). Neutrophil-lymphocyte ratio as a novel predictor of survival in chronic hemodialysis patients. *Clin Nephrol*, 191-8. doi:10.5414/cn108745

- Parikh, R., Mathai, A., Parikh, S., Sekhar, G. C., Thomas, R. (2008). Understanding and using sensitivity, specificity and predictive values. *Indian J Ophthalmol.* doi: 10.4103/0301-4738.37595
- Peraturan Menteri Kesehatan Republik Indonesia Nomor 25 Tahun 2016 Tentang Rencana Aksi Nasional Kesehatan Lanjut Usia Tahun 2016-2019. 2016
- Pérez, H. E. T., Flores, D. L. Q., Guitérrez, R. R., Gonzales, J. G, Pena, A. L. T. (2015). *Steroid hyperglycemia: Prevalence, early detection and therapeutic recommendations: A narrative review. World J Diabetes, 1073-1081.* doi:10.4239/wjd.v6.i8.1073
- Perkeni. (2021). *Pedoman Pengelolaan dan Pencegahan Diabetes Melitus tipe 2 di Indonesia.* Jakarta: PB Perkeni.
- Powers, A. C., Niswender, K, D., & Evans-Molina, C. (2018). Harrison's Principles of Internal Medicine 20th ed: Chapter 396 Diabetes Mellitus: Diagnosis, Classification, and Pathophysiology. New York: McGraw-Hill: p.2850-2859
- Powers, A. C., Stafford, J. M., Rickels, M. R. (2018). Harrison's Principles of Internal Medicine 20th ed: Chapter 398 Diabetes Mellitus: Complications. New York: McGraw-Hill: p.2850-2859
- Purwanto, I. (2014). *Buku Ajar Ilmu Penyakit Dalam: Purpura Trombositopenia Imun.* Jakarta Pusat: Interna Publishing.
- Saito, Y., Takahashi, I., Iwane, K., Okubo, N., Nishimura, M., Matsuzaka, M. *et al.* (2013). *The influence of blood glucose on neutrophil function in individual without diabetes. Luminescence.* doi: 10.1002/bio.2495
- Sami, W., Ansari, T., Butt, N. S., Hamid, M. R. (2017). Effect of diet on type 2 diabetes mellitus: A review. *International Journal of Health Sciences, 65-71.*
- Santilli, F., Simeone, P., Liani, R. (2019). Platelets (Fourth Edition): The Role of Platelets in Diabetes Mellitus. Italy: Academic Press: p469-503. doi: 10.1016/B978-0-12-813456-6.00027-8
- Shen, Y., Huang, X., Zhang, W. (2018). Platelet-to-lymphocyte ratio as a prognostic predictor of mortality for sepsis: interaction effect with disease severity—a retrospective study. *BMJ Open.* doi:10.1136/bmjopen-2018-022896.
- Shiny, A., Bibin, Y. S., Shanthirani, C. S., Regin, B. S., Anjana, R. M., Balasubramanyam, M. *et al.* (2014). Association of Neutrophil-Lymphocyte Ratio with Glucose Intolerance: An Indicator of Systemic Inflammation in Patients with Type 2 Diabetes. *Diabetes Technology & Therapeutic.* doi: 10.1089/dia.2013.0264

- Song, M., Graubard, B. I., Rabkin, C. S., Engels, E. A. (2021). Neutrophil-to-Lymphocyte ratio and mortality in United States general population. *Nature Research*. doi: 10.1038/s41598-020-79431-7
- Subramanian, K. (2022). Admission Blood Glucose Level as a Predictor of Outcome in Intensive Care Patients: A Cross Sectional Study. *Cureus 14 (12)*. doi: 10.7759/cureus.32801
- Sweilah, W., Sawalha, A., Salfeete, S., Zyoud, S., Abu-Taha, A., Al-Jabi, S. *et al.* (2010). Admission blood glucose level as a potential indicator for short-term mortality and morbidity after myocardial infarction. *Int J Diab Dev Ctries*. <http://www.ijddc.com>
- Swetha, N. (2014). Comparison of fasting blood glucose & post prandial blood glucose with HbA1c in assessing the glycemic control. *International J. of Healthcare and Biomedical Research*, 134-139.
- Totani, L., Evangelista, V. (2010). Platelet-leukocyte interactions in cardiovascular disease and beyond. *Arteriosclerosis, thrombosis, and vascular biology*, 30(12) 2357–2361. doi: 10.1161/ATVBAHA.110.207480
- Tzikos, G., Alexiou, I., Tsagkaropoulos, S., Menni, A., Chatziantoniou, G., Doutsini, S., *et al.* (2023). Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio as Predictive Factors for Mortality and Length of Hospital Stay after Cardiac Surgery. *Journal of Personalized Meidicine*. doi: 10.3390/jpm13030473
- Vedantam, D., Poman, D. S., Motwani, L., Asif, N., Patel, A., Anne, K. K. (2022). Stress-Induced Hyperglycemia: Consequences and Management. *Cureus*. doi:10.7759/cureus.26714
- Vieira-de-Abreu, A., Campbell, R. A., Weyrich, A. S., Zimmerman, G. A. (2012). Platelets: versatile effector cells in hemostasis, inflammation, and the immune continuum. *Seminars in immunopathology*, 34(1), 5–30. doi: 10.1007/s00281-011-0286-4
- Walzik, D., Joisten, N., Zacher, J., Zimmer, P. (2021). Transferring clinically established immune inflammation markers into exercise physiology: focus on neutrophil-to-lymphocyte ratio, platelet-to-lymphocyte ratio and systemic immune-inflammation index. *European journal of applied physiology*, 121(7), 1803–1814. doi: 10.1007/s00421-021-04668-7
- Wang, W., Wang, J., Shen, C., Zhu, S., Gao, Y., Zhang, J. (2021). Neutrophil-Lymphocyte Ratio as an Initial Screening Biomarker for Differential Diagnosis of Cushing’s Syndrome from Nonfunctional Adenoma in Patients with an Adrenal Mass. *BioMed Research International*, 6635594:8. doi:10.1155/2021/6635594

- Wang, X., Zhong, S., Li, G., Zhuge, F. (2023). Diabetes duration or age at onset and mortality in insulin-dependent diabetics: a systematic review and meta-analysis. *Diabetology & Metabolic Syndrome* (2023) 15: 147. doi: 10.1186/s13098-023-01113-x
- Wei, Q., Zhao, J., Wang, H., Liu, C., Hu, C., Zhao, C., *et al.* (2022) Correlation Analysis of Blood Glucose Level with Inflammatory Response and Immune Indicators in Patients with Sepsis. *Hindawi Disease Markers*. <https://doi.org/10.1155/2022/8779061>
- World Health Organization (WHO). (2022). *Diabetes*. Available at <https://www.who.int/news-room/factsheets/detail/diabetes>
- World Health Organization (WHO). (2020). *Diagnosis and management of type 2 diabetes (HEARTS-D)*. Geneva: World Health Organization; (WHO/UCN/NCD/20.1)
- Wu, X., Luo, Q., Su, Z., Li, Y., Wang, H., Liu Q., *et al.* (2021). Neutrophil-to-lymphocyte ratio as a predictor of mortality in intensive care unit patients: a retrospective analysis of the Medical Information Mart for Intensive Care III Database. *BMJ Open*. doi:10.1136/bmjopen-2021-053548.
- Yang, A., Liu, J., Tao, W., Li, H. (2020). The diagnostic and predictive role of NLR, d-NLR and PLR in COVID-19 patients. *Elsevier*. doi: 10.1016/j.intimp.2020.106504
- Zahorec, R. (2001). Ratio of neutrophil to lymphocyte counts--rapid and simple parameter of systemic inflammation and stress in critically ill. Available at: <https://pubmed.ncbi.nlm.nih.gov/11723675/>
- Zahorec, R. (2021). Neutrophil-to-lymphocyte ratio, past, present and future perspectives. *Bratislava Medical Journal*, 474–488. doi:10.4149/BLL_2021_078
- Zarbock, A., Polanowska-Grabowska, R. K., Ley, K. (2007). Platelet-neutrophil-interactions: linking hemostasis and inflammation. *Blood reviews*, 21(2), 99–111. doi: 10.1016/j.blre.2006.06.001
- Zhang, K., Ding, S., Lyu, X., Tan, Q., Wang, Z. (2021). Correlation between the platelet-to-lymphocyte ratio and diabetic foot ulcer in patients with type 2 diabetes mellitus. *J Clin Lab Anal*, 35: e23719. doi: 10.1002/jcla.23719