

## DAFTAR PUSTAKA

- Abe, T., Ogura, H., Kushimoto, S., Shiraishi, A., Sugiyama, T., Deshpande, G., Uchida, M., Nagata, I., Saitoh, D., Fujishima, S., Mayumi, T., Hifumi, T., Shiino, Y., Nakada, T., Tarui, T., Otomo, Y., Okamoto, K., Umemura, Y., Kotani, J., Sakamoto, Y., Sasaki, J., Shiraishi, S., Takuma, K., Tsuruta, R., Hagiwara, A., Yamakawa, K., Masuno, T., Takeyama, N., Yamashita, N., Ikeda, H., Ueyama, M., Fujimi, S. & Gando, S., 2019. Variations in infection sites and mortality rates among patients in intensive care units with severe sepsis and septic shock in Japan. *Journal of Intensive Care*, 7(1).
- Amir, T., Toujani, S., Ben Khaled, S., Slim, A., Hedhli, A., Cheikhrouhou, S., Ouahchi, Y., Mjid, M. and Merai, S., 2018. The Neutrophil-lymphocyte ratio in patients with community-acquired pneumonia. *Respiratory infections*. 2(suppl. 62)
- Al Saleh, K. & AlQahtani, R., 2021. Platelet count patterns and patient outcomes in sepsis at a tertiary care center. *Medicine*, 100(18), p.e25013.
- Assinger, A., Schrottmaier, W., Salzmann, M. & Rayes, J., 2019. Platelets in Sepsis: An Update on Experimental Models and Clinical Data. *Frontiers in Immunology*, 10.
- Bakey, S., Karamanos, E., Louwers, L., Kolbe, N., Killu, K., Horst, H., Coba, V. & Rivers, E., 2013. 1047. *Critical Care Medicine*, 41, p.A263.
- Darwis, I. & Probosuseno. 2019. Hubungan Neutrophil Lymphocyte Ratio dengan Outcome Sepsis pada Geriatri. *Jurnal Kedokteran Universitas Airlangga*. 3(1)
- Chen, C., Cheng, K., Chan, K. & Yu, W., 2014. Age May Not Influence the Outcome of Patients with Severe Sepsis in Intensive Care Units. *International Journal of Gerontology*, 8(1), pp.22-26.
- Chen, C., Lai, C., Wang, Y., Wang, C., Wang, H., Yu, C. and Chen, L., 2018. The Impact of Sepsis on the Outcomes of COPD Patients: A Population-Based Cohort Study. *Journal of Clinical Medicine*, 7(11), p.393.
- Chou, E., Mann, S., Hsu, T., Hsu, W., Liu, C., Bhakta, T., Hassani, D. and Lee, C., 2020. Incidence, trends, and outcomes of infection sites among hospitalizations of sepsis: A nationwide study. *PLOS ONE*, 15(1), p.e0227752.
- Costantini, E., Carlin, M., Porta, M. & Brizzi, M., 2021. Type 2 diabetes mellitus and sepsis: state of the art, certainties and missing evidence. *Acta Diabetologica*, 58(9), pp.1139-1151.
- Cupp, M., Cariolou, M., Tzoulaki, I., Aune, D., Evangelou, E. and Berlanga-Taylor, A., 2020. Neutrophil to lymphocyte ratio and cancer prognosis: an umbrella review of systematic reviews and meta-analyses of observational studies. *BMC Medicine*, 18(1).
- Dupuis, C., Bouadma, L., Ruckly, S., Perozziello, A., Van-Gysel, D., Mageau, A., Mourvillier, B., de Montmollin, E., Bailly, S., Papin, G., Sinnah, F., Vincclair, C., Abid, S., Sonnevill, R. & Timsit, J., 2020. Sepsis and septic shock in France: incidences, outcomes and costs of care. *Annals of Intensive Care*, 10(1).
- Gyawali, B., Ramakrishna, K. & Dhamoon, A. S. (2019) 'Sepsis: The evolution in definition, pathophysiology, and management', *SAGE Open Medicine*. doi: 10.1177/2050312119835043.
- Huang, Z., Fu, Z., Huang, W. & Huang, K., 2020. Prognostic value of neutrophil-to-lymphocyte ratio in sepsis: A meta-analysis. *The American Journal of Emergency Medicine*, 38(3), pp.641-647.

- Heung, M. and Koyner, J., 2015. Entanglement of Sepsis, Chronic Kidney Disease, and Other Comorbidities in Patients Who Develop Acute Kidney Injury. *Seminars in Nephrology*, 35(1), pp.23-37.
- Hsieh, M., Hu, S., How, C., Seak, C., Hsieh, V., Lin, J. and Chen, P., 2019. Hospital outcomes and cumulative burden from complications in type 2 diabetic sepsis patients: a cohort study using administrative and hospital-based databases. *Therapeutic Advances in Endocrinology and Metabolism*, 10, p.204201881987540.
- Liu, X., Shen, Y., Wang, H., Ge, Q., Fei, A. & Pan, S., 2016. Prognostic Significance of Neutrophil-to-Lymphocyte Ratio in Patients with Sepsis: A Prospective Observational Study. *Mediators of Inflammation*, pp.1-8.
- Mansur, A., Mulwande, E., Steinau, M., Bergmann, I., Frederik Popov, A., Ghadimi, M., Beissbarth, T., Bauer, M. & Hinz, J., 2015. Chronic kidney disease is associated with a higher 90-day mortality than other chronic medical conditions in patients with sepsis. *Scientific Reports*, 5(1).
- Martin, G., Mannino, D. & Moss, M., 2006. The effect of age on the development and outcome of adult sepsis\*. *Critical Care Medicine*, 34(1), pp.15-21.
- Martín, S., Pérez, A. & Aldecoa, C., 2017. Sepsis and Immunosenescence in the Elderly Patient: A Review. *Frontiers in Medicine*, 4.
- Martin-Loeches, I., Guia, M., Vallecoccia, M., Suarez, D., Ibarz, M., Irazabal, M., Ferrer, R. & Artigas, A., 2019. Risk factors for mortality in elderly and very elderly critically ill patients with sepsis: a prospective, observational, multicenter cohort study. *Annals of Intensive Care*, 9(1).
- Nasir, N., Jamil, B., Siddiqui, S., Iqbal, N., Khan, F. & Hussain, R., 2015. Mortality in Sepsis and its relationship with gender. *Pakistan Journal of Medical Sciences*, 31(5).
- Ni, J., Wang, H., Li, Y., Shu, Y. & Liu, Y., 2019. Neutrophil to lymphocyte ratio (NLR) as a prognostic marker for in-hospital mortality of patients with sepsis. *Medicine*, 98(46), p.e18029.
- Pikwer, A., Carlsson, M., Mahmoud, D. & Castegren, M., 2020. The Patient's Gender Influencing the Accuracy of Diagnosis and Proposed Sepsis Treatment in Constructed Cases. *Emergency Medicine International*, 2020, pp.1-7.
- Poll, TV.D. & Wiersinga, W. J. 2020. Sepsis and Septic Shock. In: *Mandell, Douglas, and Bennett's Principles and Practice of Infectious Disease*. 9<sup>th</sup> ed. Philadelphia: Elsevier. p. 994
- Vincent, J., Jones, G., David, S., Olariu, E. & Cadwell, K., 2019. Frequency and mortality of septic shock in Europe and North America: a systematic review and meta-analysis. *Critical Care*, [online] 23(1), pp.5, 7. Tersedia di: <<https://ccforum.biomedcentral.com/articles/10.1186/s13054-019-2478-6#citeas>> [Diakses pada 12 April 2021].
- Sharma, M., Jain, N., Sinha, N., Kaushik, R., Jash, D. & Chaudhry, A., 2018. Diagnostic and Prognostic Role of Neutrophil-to-Lymphocyte Ratio in Early and Late Phase of Sepsis. *Indian Journal of Critical Care Medicine*, 22(9), pp.660-663.
- Singer, M., Deutschman, C., Seymour, C., Shankar-Hari, M., Annane, D., Bauer, M., Bellomo, R., Bernard, G., Chiche, J., Cooper-Smith, C., Hotchkiss, R., Levy, M., Marshall, J., Martin, G., Opal, S., Rubenfeld, G., van der Poll, T., Vincent, J. & Angus, D., 2016. The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). *JAMA*, 315(8), p.801.

- Shen, X., Cao, K., Jiang, J., Guan, W. & Du, J., 2017. Neutrophil dysregulation during sepsis: an overview and update. *Journal of Cellular and Molecular Medicine*, 21(9), pp.1687-1697.
- Sônego, F., Castanheira, F., Ferreira, R., Kanashiro, A., Leite, C., Nascimento, D., Colón, D., Borges, V., Alves-Filho, J. & Cunha, F., 2016. Paradoxical Roles of the Neutrophil in Sepsis: Protective and Deleterious. *Frontiers in Immunology*, 7.
- Tambajong, R.N., Lalenoh, D.C., & Kumaat L. 2016. Profil penderita sepsis di ICU RSUP Prof. Dr. R.D. Kandou Manado periode Desember 2014 – November 2015. *Jurnal e-Clinic (eCI)*. 4(1):452-7
- Taneja, R., Parodo, J., Jia, S., Kapus, A., Rotstein, O. & Marshall, J., 2004. Delayed neutrophil apoptosis in sepsis is associated with maintenance of mitochondrial transmembrane potential and reduced caspase-9 activity\*. *Critical Care Medicine*, 32(7), pp.1460-1469.
- Trevelin, S., Carlos, D., Beretta, M., da Silva, J. & Cunha, F., 2017. Diabetes Mellitus and Sepsis. *Shock*, 47(3), pp.276-287.
- Vardon-Bounes, F., Ruiz, S., Gratacap, M., Garcia, C., Payrastre, B. & Minville, V., 2019. Platelets Are Critical Key Players in Sepsis. *International Journal of Molecular Sciences*, 20(14), p.3494.
- Wang, H., Gamboa, C., Warnock, D. & Muntner, P., 2011. Chronic Kidney Disease and Risk of Death from Infection. *American Journal of Nephrology*, 34(4), pp.330-336.
- World Health Organization. 2020. *Global report on the epidemiology and burden of sepsis: current evidence, identifying gaps, and future directions*. [online] Tersedia di:  
<<https://apps.who.int/iris/bitstream/handle/10665/334216/9789240010789-eng.pdf>> [Diakses pada 5 Maret 2021]