

DAFTAR PUSTAKA

- Adisurya, G., Abbas, K. A., Setiawan, P., & Perdhana, F. (2021). Risk Factors Analysis of Acute Kidney Injury Incidence Following Coronary Artery Bypass Graft with Cardiopulmonary Bypass in Indonesia. *International Journal Of Scientific Advances*, 2(5). <https://doi.org/10.51542/ijscia.v2i5.20>
- Advani, A. (2020). *Acute Kidney Injury: A Bona Fide Complication of Diabetes*. 69(August), 2229–2237. <https://doi.org/10.2337/db20-0604>
- Akkoc, G., Duzova, A., Korkmaz, A., Oguz, B., Yigit, S., & Yurdakok, M. (2022). Long-term follow-up of patients after acute kidney injury in the neonatal period: abnormal ambulatory blood pressure findings. *BMC Nephrology*, 23(1). <https://doi.org/10.1186/s12882-022-02735-5>
- American Diabetes Association. (2023). *Diabetes care* (C. Steven E. Kahn, MB, P. Mark A. Atkinson, M. George Bakris, P. Frank B. Hu, MD, MPH, & P. Stephen S. Rich (eds.); Vol. 46, Issue January).
- Azab, B., Daoud, J., Naeem, F. Ben, Nasr, R., Ghimire, P., Siddiqui, A., Azzi, N., Rihana, N., Azzi, N., Patel, P., Kleiner, M., El-sayegh, S., Azab, B., Daoud, J., Naeem, F. Ben, Nasr, R., Ross, J., Ghimire, P., Siddiqui, A., ... Ross, J. (2012). *Neutrophil-to-Lymphocyte Ratio as a Predictor of Worsening Renal Function in Diabetic Patients (3- Year Follow-Up Study)* *Neutrophil-to-Lymphocyte Ratio as a Predictor of Worsening Renal Function in Diabetic Patients (3-Year Follow-Up Study)*. 6049. <https://doi.org/10.3109/0886022X.2012.668741>
- Banday, M. Z., Sameer, A. S., & Nissar, S. (2020). *Pathophysiology of diabetes: An overview*. <https://doi.org/10.4103/ajm.ajm>
- Biol, J. L., Maret, P. M. C., Bui, T. M., Wiesolek, H. L., & Sumagin, R. (2021). *ICAM-1: A master regulator of cellular responses in inflammation, injury resolution, and tumorigenesis*. <https://doi.org/10.1002/JLB.2MR0220-549R.ICAM-1>
- Biosource, M. (n.d.). *KIT ELISA ICAM-1* (Vol. 1, pp. 1–8).
- Bui, T. M., Wiesolek, H. L., & Sumagin, R. (2021). *ICAM-1: A master regulator of cellular responses in inflammation, injury resolution, and tumorigenesis*. 108(3), 787–799. <https://doi.org/10.1002/JLB.2MR0220-549R.ICAM-1>
- C.W., N., L.K., T., W., L., R.R.G., N., L., S., & S.T.H., C. (2016). A clinical score to predict acute kidney injury after cardiac surgery in a Southeast-Asian population. *Interactive Cardiovascular and Thoracic Surgery*, 23(5), 757–761.
- Casanova, A. G., Sancho-Martínez, S. M., Vicente-Vicente, L., Ruiz Bueno, P., Jorge-Monjas, P., Tamayo, E., Morales, A. I., & López-Hernández, F. J. (2022). Diagnosis of Cardiac Surgery-Associated Acute Kidney Injury: State of the Art and Perspectives. *Journal of Clinical Medicine*, 11(15). <https://doi.org/10.3390/jcm11154576>
- Case, J., Khan, S., Khalid, R., & Khan, A. (2013). Epidemiology of acute kidney injury in the intensive care unit. *Critical Care Research and Practice*, 2013. <https://doi.org/10.1155/2013/479730>
- Chakane, P. M., & Leballo, G. (2020). Cardiac surgery-associated acute kidney

- injury: pathophysiology and diagnostic modalities and management. *Cardiovascular Journal of Africa*, 31(4), 205–212.
- Cheng, Y., Nie, S., Li, L., Li, Y., Liu, D., Xiong, M., Wang, L., Ge, S., & Xu, G. (2019). Epidemiology and outcomes of acute kidney injury in hospitalized cancer patients in China. *International Journal of Cancer*, 144(11), 2644–2650. <https://doi.org/10.1002/ijc.31993>
- Demchuk, O. V., & Sukmanova, I. A. (2023). Acute kidney injury in patients with myocardial infarction and percutaneous coronary interventions: laboratory markers and the influence on the frequency of recurrent cardiovascular events. *Complex Issues of Cardiovascular Diseases*, 11(4), 25–34. <https://doi.org/10.17802/2306-1278-2022-11-4-25-34>
- Dr.Zezo. (2019). Pathophysiology of Acute Kidney Injury. *Nephrology*, 1–16. <https://abdominalkey.com/pathophysiology-of-acute-kidney-injury/>
- Forbes, J. M. dan Cooper, M. E. (2013) “Mechanisms of diabetic complications,” hal. 137–188. doi: 10.1152/physrev.00045.2011.
- Fuhrman, D. Y., & Kellum, J. A. (2017). Epidemiology and pathophysiology of cardiac surgery-associated acute kidney injury. *Current Opinion in Anaesthesiology*, 30(1), 60–65. <https://doi.org/10.1097/ACO.00412>
- Gaut, J. P., & Liapis, H. (2021). Acute kidney injury pathology and pathophysiology: A retrospective review. *Clinical Kidney Journal*, 14(2), 526–536. <https://doi.org/10.1093/ckj/sfaa142>
- Goyal, A., Daneshpajouhnejad, P., Hashmi, M. F., & Bashir, K. (2022). *Acute Kidney Injury - StatPearls - NCBI Bookshelf*.
- Gu, H. F., Ma, J., Gu, K. T., Brismar, K., March, M. I., & Israel, B. (2013). Association of intercellular adhesion molecule 1 (ICAM-1) with diabetes and diabetic nephropathy. 3(January), 1–7. <https://doi.org/10.3389/fendo.2012.00179>
- Gui, Y., Palanza, Z., Fu, H., & Zhou, D. (2023). Acute kidney injury in diabetes mellitus : Epidemiology , diagnostic , and therapeutic concepts. *FASEB Journal*. <https://doi.org/10.1096/fj.202201340RR>
- Han, W. K. (2012). *Biomarkers for early detection of acute kidney injury*. 77–85. <https://doi.org/https://doi.org/10.2147/CBF.S27898>
- Haydinger, C. D., Ashander, L. M., Chun, A., Tan, R., & Smith, J. R. (2023). *Adhesion Molecule*.
- Hinze, C., & Schmidt-Ott, K. M. (2022). Acute kidney injury biomarkers in the single-cell transcriptomic era. *American Journal of Physiology - Cell Physiology*, 323(5), C1430–C1443. <https://doi.org/10.1152/ajpcell.00079.2022>
- Hussain, M., Zafar, M., Babar, M., Akhtar, L., & Hussain, M. S. (2017). *Neutrophil lymphocyte ratio (NLR) : A well assessment tool of glycemic control in Type-2 diabetic patients*. 33(6), 1366–1370.
- Imtiaz F, Shafique K, Mirza SS, Ayoob Z, Vart P, Rao S. Neutrophil lymphocyte ratio as a measure of systemic inflammation in prevalent chronic diseases in Asian population. 2012;1–6.

- Infante, B., Conserva, F., Pontrelli, P., Leo, S., Stasi, A., Fiorentino, M., Troise, D., Strologo, A., Al, C., Gesualdo, L., Castellano, G., & Stallone, G. (2023). *Recent advances in molecular mechanisms of acute kidney injury in patients with diabetes mellitus*. *January*, 1–14. <https://doi.org/10.3389/fendo.2022.903970>
- Ivanov, D. I., & Savenkova, N. D. (2019). Acute Kidney Injury in the Newborn Infant: Classification, Causes and Epidemiology. *Nephrology (Saint-Petersburg)*, 23(5), 9–16. <https://doi.org/10.24884/1561-6274-2019-23-5-9-16>
- Jefferson, J. A., Thurman, J. M., & Schrier, R. W. (2016). Pathophysiology and Etiology of Acute Kidney Injury. *Nephrology*, 1–8.
- Jin, J., George, C., Pei, K., Fan, C., Han, T., Chieh, L., Yen, L., Chia, C., & Tian, Y. C. (2022). Neutrophil - to - lymphocyte ratio is a marker for acute kidney injury progression and mortality in critically ill populations : a population - based , multi - institutional study. *Journal of Nephrology*, 35(3), 911–920. <https://doi.org/10.1007/s40620-021-01162-3>
- Kaur, A., Sharma, G. S., & Kumbala, D. R. (2023). *Acute kidney injury in diabetic patients*. *May*, 1–6.
- Kellum, J. A., Romagnani, P., Ashuntantang, G., Ronco, C., Zarbock, A., & Anders, H.-J. (2021). Acute kidney injury. *Nature Reviews Disease Primers*, 7(1), 52. <https://doi.org/10.1038/s41572-021-00284-z>
- Kemenkes. (2020). *Pedoman Tata Laksana Diabetes Melitus Tipe 2 Dewasa*. 1–183. <https://www.kemkes.go.id/id/pnprk-2020---tata-laksana-diabetes-melitus-tipe-2-dewasa>
- Khandare SA, Chittawar S, Nahar N, Dubey TN, Qureshi Z. Study of Neutrophil - lymphocyte Ratio as Novel Marker for Diabetic Nephropathy in Type 2 Diabetes. 2017;
- Kiss, N., & Hamar, P. (2016). Histopathological Evaluation of Contrast-Induced Acute Kidney Injury Rodent Models. *BioMed Research International*, 2016. <https://doi.org/10.1155/2016/3763250>
- Kumar, R., Kumar, S., Kumar, A., Kumar, D., & Kumar, V. (2022). Exercise-Induced Rhabdomyolysis Causing Acute Kidney Injury: A Potential Threat to Gym Lovers. *Cureus*. <https://doi.org/10.7759/cureus.28046>
- Kushwah, S., Yadav, M., Hari, P., Meena, J., Sinha, A., & Bagga, A. (2019). Incidence and determinants of acute kidney injury in patients with nephrotic syndrome. *Asian Journal of Pediatric Nephrology*, 2(2), 75. https://doi.org/10.4103/ajpn.ajpn_25_19
- Lang, S. M. (2021). *The Neutrophil to Lymphocyte Ratio : An Ideal Marker for Early Diagnosis and Short-Term Prognosis of Acute Kidney Injury?* 241–243. <https://doi.org/10.1159/000512861>
- Laurens A T M Vissers , Eelco C Brand 1, Jasper F Kers, Femke M Molenaar, J. J. O. (2022). *Antibiotic-induced acute kidney injury*.
- Lin, C.-Y. (2012). Acute kidney injury classification: AKIN and RIFLE criteria in critical patients. *World Journal of Critical Care Medicine*, 1(2), 40. <https://doi.org/10.5492/wjccm.v1.i2.40>

- Madian, D. Y., Mosbah, A., Zakaria, M. M., Awadalla, A., El-kannishy, G., & Shemies, R. S. (2022). Postpartum acute kidney injury. *International Journal of Health Sciences*, 2134–2142. <https://doi.org/10.53730/ijhs.v6ns5.9103>
- Mercado, M. G., & Bremerton, N. H. (2019). *Acute Kidney Injury: Diagnosis and Management*. 687–694.
- Mo, M., Huang, Z., Gao, T., Luo, Y., Pan, X., Yang, Z., & Xia, N. (2022). Development and validation of short - term renal prognosis prediction model in diabetic patients with acute kidney injury. *Diabetology & Metabolic Syndrome*, 1, 1–11. <https://doi.org/10.1186/s13098-022-00971-1>
- Ng, J. H., Bijol, V., Sparks, M. A., Sise, M. E., Izzedine, H., & Jhaveri, K. D. (2020). Pathophysiology and Pathology of Acute Kidney Injury in Patients With COVID-19. *Advances in Chronic Kidney Disease*, 27(5), 365–376. <https://doi.org/10.1053/j.ackd.2020.09.003>
- Nuridin, Kalma, Hasnawati, & Nasir, H. (2021). *PROFIL NILAI Neutrophil Lymphocyte RATIO (NLR) PADA PENDERITA DIABETES MELITUS TIPE-2*. 12(1), 64–70.
- Patschan, D., & Müller, G. A. (2016). *Acute Kidney Injury in Diabetes Mellitus*. <https://doi.org/10.1155/2016/6232909>
- PERKENI. (2021). *Pedoman: Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa Di Indonesia* (S. A. Soelistijo, F. Prof. Dr. dr. Ketut Suastika, SpPI, K-EMD, F. Prof. Dr. dr. Dharma Lindarto, SpPD.K-EMD, F. Prof. Dr. dr. Eva Becroli, SpPD.K-EMD, F. Dr. dr. Hikmat Permana, SpPD.K-EMD, F. dr. Krishna W Sucipto, SpPD.K-EMD, F. dr. Yulianto Kusnadi, SpPO.K-EMD, F. Dr. dr. Budiman, SpPD.K-EMD, F. dr. M. Robikhul Ikhsan, SpPIK-EMD, M. Kes, F. dr. Laksmi Sasiarini, SpPD).K-EMD, F. Dr. dr. Himawan Sanusi. SpPI.K-EMD, F. Dr. dr. K. Heri Nugroho HS. SpPI, K-EMD, & F. dr. Hermawan Susanto, SpPD, K-EMD (eds.)). PB.PERKENI.
- PERNEFRI. (2023). *Konsensus Gangguan Ginjal Akut* (K. dr. Lilik Sukesi, SpPD-KGH. (ed.); Edisi I). PERNEFRI (Perhimpunan Nefrologi Indonesia).
- Plows, J. F., Stanley, J. L., Baker, P. N., Reynolds, C. M., & Vickers, M. H. (2018). *The Pathophysiology of Gestational Diabetes Mellitus*. 1–21. <https://doi.org/10.3390/ijms19113342>
- Purnamasari, D. (2014). Diagnosis dan Klasifikasi Diabetes Melitus. In S. Setiati, I. Alwi, A. W. Sudoyo, M. K. Simadibrata, B. Setiyohadi, & A. Fahrial Syam (Eds.), *BUKU AJAR ILMU PENYAKIT DALAM* (VI, pp. 2315–2322).
- Rahar, S., Marwah, S., & Kulshreshtha, B. (2021). *Rasio limfosit neutrofil (NLR) pada diabetes melitus tipe 2 dan korelasinya dengan fungsi ginjal: Pengalaman institusional*. <https://doi.org/10.4103/jdrntruhs.jdrntruhs>
- Rajagopal, M., Sikri, H., Ward, S. C., Sparks, M. A., & Farouk, S. S. (2022). Acute Kidney Injury in a Patient With a Kidney Transplant and Posttransplant Lymphoproliferative Disorder: A Quiz. *American Journal of Kidney Diseases*, 80(5), A20–A22. <https://doi.org/10.1053/j.ajkd.2022.05.019>
- Ryabova, T. S., & Rakityanskaya, I. A. (2024). *The Role of ICAM-1 Expression in Renal Tissue in the Progression of Diabetic Nephropathy in Patients with Type 2 Diabetes Mellitus*. 4(2), 1–8.

- Sadat, U. (2013). Radiographic Contrast-Media-Induced Acute Kidney Injury: Pathophysiology and Prophylactic Strategies. *ISRN Radiology*, 2013, 1–21. <https://doi.org/10.5402/2013/496438>
- Savenkova, N. D. (2018). Classification Perfection of Acute Kidney Injury and Chronic Kidney Disease in Pediatric Nephrology. *Nephrology (Saint-Petersburg)*, 22(3), 11–17. <https://doi.org/10.24884/1561-6274-2018-22-3-11-17>
- Scharnweber, T., Alhilali, L., & Fakhran, S. (2017). Contrast-Induced Acute Kidney Injury: Pathophysiology, Manifestations, Prevention, and Management. *Magnetic Resonance Imaging Clinics of North America*, 25(4), 743–753. <https://doi.org/10.1016/j.mric.2017.06.012>
- Schiff, H., & Lang, S. M. (2023). Neutrophil-to-lymphocyte ratio—a new diagnostic and prognostic marker of acute kidney injury. Barriers to broad clinical application. *International Urology and Nephrology*, 55(1), 101–106. <https://doi.org/10.1007/s11255-022-03297-z>
- Schrier, R. W., Manufacturing, S., & Beth, C. (2015). *MANUAL OF nephrology*.
- Shah, B., Burg, N., & Pillinger, M. H. (2027). Neutrophils. In *Kelley and Firestein's Textbook of Rheumatology, 2-Volume Set* (Tenth Edit). Elsevier Inc. <https://doi.org/10.1016/B978-0-323-31696-5.00011-5>
- Shiny A, Bibin YS, Shanthirani CS. Association of Neutrophil-Lymphocyte Ratio with Glucose Intolerance: An Indicator of Systemic Inflammation in Patients with Type 2 Diabetes. 2014;16(8):524–30.
- Surachno, R. G., & Ria Bandiara. (2014). Gangguan Ginjal Akut (Acute Kidney Injury). In S. Setiati, I. Alwi, A. W. Sudoyo, M. K. Simadibrata, B. Setiyohadi, & A. Fahrial Syam (Eds.), *BUKU AJAR ILMU PENYAKIT DALAM* (VI, pp. 2147–2158).
- Tan L, Chen L, Jia Y, Li L, Id JW, Huang X, et al. Impact of diabetes mellitus on short-term prognosis , length of stay , and costs in patients with acute kidney injury : A nationwide survey in China. 2021;08:1–14. Available from: <http://dx.doi.org/10.1371/journal.pone.0250934>
- Touzani, S., Al-Waili, N., Imtara, H., Aboulghazi, A., Hammas, N., Falcao, S., Vilas-Boas, M., El Arabi, I., Al-Waili, W., & Lyoussi, B. (2022). Arbutus Unedo Honey and Propolis Ameliorate Acute Kidney Injury, Acute Liver Injury, and Proteinuria via Hypoglycemic and Antioxidant Activity in Streptozotocin-Treated Rats. *Cellular Physiology and Biochemistry*, 56(1), 66–81. <https://doi.org/10.33594/000000496>
- Wang, Y., & Bellomo, R. (2017). Cardiac surgery-associated acute kidney injury: Risk factors, pathophysiology and treatment. *Nature Reviews Nephrology*, 13(11), 697–711. <https://doi.org/10.1038/nrneph.2017.119>
- Wei, W., Liu, C., Song, G., Yang, L., Li, J., Wang, B., & Yin, T. (2024). Prognostic value of neutrophil-to-lymphocyte ratio dynamics in patients with septic acute kidney injury: a cohort study. *Renal Failure*, 46(1). <https://doi.org/10.1080/0886022X.2024.2343818>

- Witkowska, A. M., & Borawska, M. H. (2014). *Soluble intercellular adhesion molecule-1 (sICAM-1): an overview*. 1(February).
- Wolf, S. I., & Lawson, C. (2012). ICAM-1 : Contribution to Vascular Inflammation and Early Atherosclerosis. In D. A. Squeri (Ed.), *Coronary Artery Disease* (pp. 65–90). INTECH. <https://cdn.intechopen.com/pdfs/32767.pdf>
- Zahorec, R. (2021). *Neutrophil-to-lymphocyte ratio , past , present and future perspectives*. 122(7), 474–488. <https://doi.org/10.4149/BLL>