

## DAFTAR PUSTAKA

- Agrawal, N., Chougale, S., Jedge, P., Iyer, S. and Dsouza, J., 2021. Brixia Chest X-ray Scoring System in Critically Ill Patients with COVID-19 Pneumonia for Determining Outcomes. *Journal of Clinical and Diagnostic Research*. Vol-15(8): OC15-OC17.
- Bastug, A., Bodur, H., Erdogan, S., Gokcinar, D., Kazancioglu, S., Kosovali, B.D., et al. 2020. Clinical and laboratory features of COVID-19: Predictors of severe prognosis. *International Immunopharmacology*. 88, p.106950.
- Borghesi, A., Zigliani, A., Golemi, S., Carapella, N., Maculotti, P., Farina, D. and Maroldi, R., 2020. Chest X-ray severity index as a predictor of in-hospital mortality in coronavirus disease 2019: A study of 302 patients from Italy. *International Journal of Infectious Diseases*. 96, pp.291-293.
- Borghesi, A., Zigliani, A., Masciullo, R., Golemi, S., Maculotti, P., Farina, D. and Maroldi, R. 2020. Radiographic severity index in COVID-19 pneumonia: relationship to age and sex in 783 Italian patients. *La Radiologia Medica*, 125(5), pp.461-464.
- Chams, N., Chams, S., Badran, R., Shams, A., Araj, A., Raad, M., et al. 2020. COVID-19: A Multidisciplinary Review. *Frontiers in Public Health*, 8:383.
- Chaudhry, R., Bordoni B. 2020, *Anatomy, Toraks, Lungs, in StatPearls*, dilihat pada 21 Agustus 2021.
- Chen, H., Li, M., Liu, L., Dang, X., Zhu, D. and Tian, G., 2019. Monocyte/lymphocyte ratio is related to the severity of coronary artery disease and clinical outcome in patients with non-ST-elevation myocardial infarction. *Medicine*. 98:26(e16267)
- Citu, C., Gorun, F., Motoc, A., Sas, I., Gorun, O.M., Burlea, B., et al. 2022. The predictive role of NLR, D-NLR, MLR, and Siri in covid-19 mortality. *Diagnostics*. 12(1), p.122.
- Dahlan, S., 2010a. Besar Sampel Dan Cara Pengambilan Sampel, 3rd ed. *Salemba Medika*, Jakarta.
- Damar Çakırca, T., Torun, A., Çakırca, G. and Portakal, R. 2021. Role of NLR, PLR, ELR and CLR in differentiating COVID-19 patients with and without pneumonia. *International Journal of Clinical Practice*. 75(11).
- Dávila-Collado, R., Jarquín-Durán, O., Solís-Vallejo, A., Nguyen, M.A., and Espinoza, J.L., 2021. Elevated monocyte to lymphocyte ratio and increased mortality

among patients with chronic kidney disease hospitalized for covid-19. *Journal of Personalized Medicine*. 11(3), p.224.

De Wit, E., van Doremalen, N., Falzarano, D. and Munster, V., 2016. SARS and MERS: recent insights into emerging coronaviruses. *Nature Reviews Microbiology*, 14(8), pp.523-534.

Farias, L., Fonseca, E., Strabelli, D., Loureiro, B., Neves, Y., Rodrigues, T., et al. 2020. Imaging findings in COVID-19 pneumonia. *Clinics*, 75:e2027.p1-8.

Ghosh, S., Deshwal, H., Saeedan, M., Khanna, V., Raoof, S. and Mehta, A., 2021. Imaging algorithm for COVID-19: A practical approach. *Clinical Imaging*, 72, pp.22-30.

<https://covid19.go.id/peta-sebaran-covid19>. diakses 22 Januari 2022

<https://www.cdc.gov/coronavirus/2019-ncov/variants/variant-info.html#Interest>. diakses 20 Agustus 2021.

Kaleemi, R., Hilal, K., Arshad, A., Martins, R., Nankani, A., TU, H., Basharat, S. and Ansar, Z., 2021. The association of chest radiographic findings and severity scoring with clinical outcomes in patients with COVID-19 presenting to the emergency department of a tertiary care hospital in Pakistan. *Plos One*, 16(1), e0244886, pp 1-11.

Kementrian Kesehatan (Kemenkes) RI. 2020. *Pedoman Tatalaksana COVID-19*, pp. 1-101.

Kim, H. W., Capaccione, K. M., Li, G., Luk, L., Widemon, R. S., Rahman, O., et al. 2020. The role of initial chest X-ray in triaging patients with suspected COVID-19 during the pandemic. *Emergency Radiology*, 27(6), 617–621.

Knoll, R., Schultze, J.L., Schulte-Schrepping, J., 2021. Monocytes and macrophages in COVID-19. *Frontiers in Immunology*. 12, 1-12.

Lai, C., Lam, W., 2021. Laboratory testing for the diagnosis of COVID-19. *Biochemical and Biophysical Research Communications*, 538, pp.226-230.

Li, G., Fan, Y., Lai, Y., Han, T., Li, Z., Zhou, P., et al. 2020. Coronavirus infections and immune responses. *Journal of Medical Virology*, 92(4), pp.424-432.

Li, Q., Guan, X., Wu, P., Wang, X., Zhou, L., Tong, Y., et al. 2020. Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus–Infected Pneumonia. *New England Journal of Medicine*, 382(13), pp.1199-1207.

- Meidaninikjeh, S., Sabouni, N., Marzouni, H.Z., Bengar, S., Khalili, A., and Jafari, R., 2021. Monocytes and macrophages in COVID-19: Friends and foes. *Life Sciences*. 269, p.119010.
- Mohamadian, M., Chiti, H., Shoghli, A., Biglari, S., Parsamanesh, N. and Esmaeilzadeh, A. 2021. COVID-19: Virology, biology and novel laboratory diagnosis. *The Journal of Gene Medicine*, 23:e3303, pp 1-11.
- Ramos-Peñafiel, C., Santos-González, B., Flores-López, E., Galván-Flores, F., Hernández-Vázquez, L., Santoyo-Sánchez, A., et al. 2020. Usefulness of the neutrophil-to-lymphocyte, monocyte-to-lymphocyte and lymphocyte-to-platelet ratios for the prognosis of COVID-19-associated complications. *Gaceta de Mexico*. 156(5).
- Prabhu, S and Patil, N., 2021. Study correlating lymphocyte to monocyte ratio and platelet to lymphocyte ratio with the severity in COVID-19 patients: a cross sectional study. *International Journal of Advances in Medicine*. 8(2), p.201.
- Qu, R., Ling, Y., Zhang, Y., Wei, L., Chen, X., Li, X., et al. 2020. Platelet-to-lymphocyte ratio is associated with prognosis in patients with coronavirus disease-19. *Journal of Medical Virology*. 92(9), pp.1533–1541.
- Reeves, R., Pomeranz, C., Gomella, A., Gulati, A., Metra, B., Hage, A., et al. 2021. Performance of a Severity Score on Admission Chest Radiography in Predicting Clinical Outcomes in Hospitalized Patients With Coronavirus Disease (COVID-19). *American Journal of Roentgenology*, pp 1-10.
- Sastroasmoro, S., Ismael, S., 2011. *Dasar-dasar Metodologi Penelitian Klinis*, 4th ed. Sagung Seto, Jakarta.
- Setiati, S. and Azwar, M. K. 2020. COVID-19 and Indonesia. *Acta Medica Indonesiana* 52 (1) : pp 84-89.
- Suhartono, Wijaya I., Dalimoenthe NZ. 2021. The correlation of neutrophil-to-lymphocyte ratio (NLR) and monocytes-to-lymphocytes ratio (MLR) with disease severity in hospitalized patients with Coronavirus disease 2019 (COVID-19). *Bali Medical Journal*. 2021. 10, 2: 653-658.
- Sun, S., Cai, X., Wang, H., He, G., Lin, Y., Lu, B., et al. 2020. Abnormalities of peripheral blood system in patients with COVID-19 in Wenzhou, China. *Clinica Chimica Acta*. 507, pp.174-180.

- Taylor, E., Haven, K., Reed, P., Bissielo, A., Harvey, D., McArthur, C., et al. 2015. A chest radiograph scoring system in patients with severe acute respiratory infection: a validation study. *BMC Medical Imaging*, 15:61, pp 1-10.
- Toussie, D., Voutsinas, N., Finkelstein, M., Cedillo, M., Manna, S., Maron, S., et al., 2020. Clinical and Chest Radiography Features Determine Patient Outcomes in Young and Middle-aged Adults with COVID-19. *Radiology*, 297(1), pp.E197-E206.
- Thevarajan, I., Nguyen, T., Koutsakos, M., Druce, J., Caly, L., van de Sandt, C., et al. 2020. Breadth of concomitant immune responses prior to patient recovery: a case report of non-severe COVID-19. *Nature Medicine*, 26(4), pp.453-455.
- Wang, D., Hu, B., Hu, C., Zhu, F., Liu, X., Zhang, J., et al. 2020. Clinical Characteristics of 138 Hospitalized Patients With 2019 Novel Coronavirus–Infected Pneumonia in Wuhan, China. *JAMA*, 323(11), p.1061.
- Wasilewski, P., Mruk, B., Mazur, S., Póltorak-Szymczak, G., Sklinda, K. and Walecki, J., 2020. COVID-19 severity scoring systems in radiological imaging – a review. *Polish Journal of Radiology*, 85(1), pp.361-368.
- Wong, H., Lam, H., Fong, A., Leung, S., Chin, T., Lo, C., et al. 2020. Frequency and Distribution of Chest Radiographic Findings in Patients Positive for COVID-19. *Radiology*, 296(2), pp.E72-E78.
- Xiao, N., Cooper, J., Godbe, J., Bechel, M., Scott, M., Nguyen, E., et al. 2020. Chest radiograph at admission predicts early intubation among inpatient COVID-19 patients. *European Radiology*, 31(5), pp.2825-2832.
- Yang, Z., Shi, J., He, Z., Lü, Y., Xu, Q., Ye, C., et al. 2020. Predictors for imaging progression on chest CT from coronavirus disease 2019 (COVID-19) patients. *Aging*. 12(7) pp.6037-6048.
- Yang, W., Sirajuddin, A., Zhang, X., Liu, G., Teng, Z., Zhao, S., et al. 2020. The role of imaging in 2019 novel coronavirus pneumonia (COVID-19). *European Radiology*, 30(9), pp.4874-4882.
- Yang, A., Liu, J., Tao, W. and Li, H., 2020. The diagnostic and predictive role of NLR, d-NLR and PLR in COVID-19 patients. *International Immunopharmacology*. 84, p.106504.
- Yüce, M., Filiztekin, E. and Özkaya, K. 2021. COVID-19 diagnosis —A review of current methods. *Biosensors and Bioelectronics*, 172.112752.pp.1-15.

- Zhang, T., Wu, Q. and Zhang, Z., 2020. Probable Pangolin Origin of SARS-CoV-2 Associated with the COVID-19 Outbreak. *Current Biology*, 30(7), pp.1346-1351.e2.
- Zhou, F., Yu, T., Du, R., Fan, G., Liu, Y., Liu, Z., et al. 2020. Clinical course and risk factors for mortality of adult inpatients with COVID-19 in Wuhan, China: a retrospective cohort study. *The Lancet*, 395(10229), pp.1054-1062.