

## DAFTAR PUSTAKA

- Adam, S.S., Key, N.S. and Greenberg, C.S., 2009. *D-dimer antigen: current concepts and future prospects*. Blood, The Journal of the American Society of Hematology, 113(13), pp.2878-2887.
- Ahmed, M.M., Ghauri, S.K., Javaeed, A., Rafique, N., Hussain, W. and Khan, N., 2020. *Trends of utilization of Complete Blood Count parameters for patient management among doctors in Azad Kashmir*. Pakistan Journal of Medical Sciences, 36(5), p.999.
- Albrandt-Salmeron, A., Espejo-Fonseca, R., & Roldan-Valadez, E. 2021. Correlation between Chest X-Ray Severity in COVID-19 and Age in Mexican-Mestizo Patients: An Observational Cross-Sectional Study. BioMed research international, 2021, 5571144. <https://doi.org/10.1155/2021/5571144>
- Alipoor SD, Jamaati H, Tabarsi P, Mortaz E. *Immunopathogenesis of Pneumonia in COVID-19*. Tanaffos. 2020 Nov;19(2):79-82. PMID: 33262791; PMCID: PMC7680509. Berman, L., De Lacey, G. and Morley, S., 2008. Chest X-Ray: A Survival Guide. Elsevier.
- Bonanad C, García-Blas S, Tarazona-Santabalbina F, Sanchis J, Bertomeu-González V, Fácila L, Ariza A, Núñez J, Cordero A. *The Effect of Age on Mortality in Patients With COVID-19: A Meta-Analysis With 611,583 Subjects*. J Am Med Dir Assoc. 2020 Jul;21(7):915-918. doi: 10.1016/j.jamda.2020.05.045. Epub 2020 May 25. PMID: 32674819; PMCID: PMC7247470.
- Bonetti, P. O., Lerman, L. O., & Lerman, A. (2003). Endothelial dysfunction: a marker of atherosclerotic risk. *Arteriosclerosis, thrombosis, and vascular biology*, 23(2), 168–175. <https://doi.org/10.1161/01.atv.0000051384.43104.fc>
- Bounds, E. and Kok, S., 2021. *D Dimer*. [online] Ncbi.nlm.nih.gov. Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK431064/>> [Accessed 14 January 2022].
- Bwire G. M. (2020). *Coronavirus: Why Men are More Vulnerable to Covid-19 Than Women?*. SN comprehensive clinical medicine, 2(7), 874–876. <https://doi.org/10.1007/s42399-020-00341-w>
- Cascella M, Rajnik M, Aleem A, et al. *Features, Evaluation, and Treatment of Coronavirus (COVID-19)* [Updated 2021 Jul 30]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-.

- Chen, W. and Pan, J., 2021. *Anatomical and Pathological Observation and Analysis of SARS and COVID-19: Microthrombosis Is the Main Cause of Death*. Biological Procedures Online, 23(1).
- Clarke, C. and Dux, A., 2011. *Chest x-rays for medical students*. Oxford: Wiley-Blackwell.
- Cozzi, D., Albanesi, M., Cavigli, E., Moroni, C., Bindi, A., Luvarà, S., Lucarini, S., Busoni, S., Mazzoni, L. and Miele, V., 2020. *Chest X-ray in new Coronavirus Disease 2019 (COVID-19) infection: findings and correlation with clinical outcome*. La radiologia medica, 125(8), pp.730-737.
- Dawkes, S. and O'Reilly, M., 2019. *Chest X-ray interpretation*. British Journal of Cardiac Nursing, 14(5), pp.1-9.
- Douma RA, le Gal G, Söhne M, et al. *Potential of an age adjusted D-dimer cut-off value to improve the exclusion of pulmonary embolism in older patients: a retrospective analysis of three large cohorts*. BMJ. 2010;340:c1475. Published 2010 Mar 30. doi:10.1136/bmj.c1475
- Gomez-Mesa JE, Galindo-Coral S, Montes MC, Muñoz Martin AJ. *Thrombosis and Coagulopathy in COVID-19*. Curr Probl Cardiol. 2021;46(3):100742. doi:10.1016/j.cpcardiol.2020.100742
- Guan, C., Wei, L., Xie, R., Lv, Z., Yan, S., Zhang, Z. and Chen, B., 2020. *CT findings of COVID-19 in follow-up: comparison between progression and recovery*. Diagnostic and Interventional Radiology, 26(4), pp.301-307.
- Guo, H., Sheng, Y., Li, W., Li, F., Xie, Z., Li, J., Zhu, Y., Geng, J., Liu, G., Wang, L., Li, J. and Wang, F., 2020. *Coagulopathy as a Prodrome of Cytokine Storm in COVID-19-Infected Patients*. Frontiers in Medicine, 7.
- Hager K., Platt D. *Fibrin degeneration product concentrations (D-dimers) in the course of ageing*. Gerontology. 1995;41:159–165. doi: 10.1159/000213677.
- Han, X., 2020. *On Statistical Measures for Data Quality Evaluation*. Journal of Geographic Information System, 12(03), pp.178-187.
- He, X., Yao, F., Chen, J., Wang, Y., Fang, X., Lin, X., Long, H., Wang, Q. and Wu, Q., 2021. *The poor prognosis and influencing factors of high D-dimer levels for COVID-19 patients*. Scientific Reports, 11(1).
- Hesselvik, J.F., Blombäck, M., Brodin, B. and Maller, R., 1989. *Coagulation, fibrinolysis, and kallikrein systems in sepsis: relation to outcome*. Critical care medicine, 17(8), pp.724-733.

- Hwang, E., Kim, K., Kim, J., Lim, J., Nam, J., Choi, H., Kim, H., Yoon, S., Goo, J. and Park, C., 2021. *COVID-19 pneumonia on chest X-rays: Performance of a deep learning-based computer-aided detection system*. PLOS ONE, 16(6), p.e0252440.
- Jin JM, Bai P, He W, Wu F, Liu XF, Han DM, Liu S, Yang JK. *Gender Differences in Patients With COVID-19: Focus on Severity and Mortality*. Front Public Health. 2020 Apr 29;8:152. doi: 10.3389/fpubh.2020.00152. PMID: 32411652; PMCID: PMC7201103.
- Kaur, S., Bansal, R., Kollimuttathuillam, S., Gowda, A. M., Singh, B., Mehta, D., & Maroules, M. (2021). *The looming storm: Blood and cytokines in COVID-19*. Blood reviews, 46, 100743. <https://doi.org/10.1016/j.blre.2020.100743>
- 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), p.e0244886.
- Kurniawan, L.B. and Arif, M., 2016. *Hemostasis Berlandaskan Sel Hidup (In Vivo)*. Indonesian Journal Of Clinical Pathology And Medical Laboratory, 19(3), pp.204-210.
- Lee, K., Han, J., Chung, M. and Jeong, Y., 2013. *Consolidation*. Radiology Illustrated, pp.221-233.
- Levani, Y., Prastya, A. and Mawaddatunnadila, S., 2021. *Coronavirus Disease 2019 (COVID-19): Patogenesis, Manifestasi Klinis dan Pilihan Terapi*. Jurnal Kedokteran Dan Kesehatan, 17(1).
- Litmanovich, D., Chung, M., R. Kirkbride, R., Kicska, G. and P. Kanne, J., 2020. *Review of Chest Radiograph Findings of COVID-19 Pneumonia and Suggested Reporting Language*. Journal of Thoracic Imaging, Publish Ahead of Print.
- Mishra, Y., Pathak, B.K., Mohakuda, S.S., Tilak, T.V.S.V.G.K., Sen, S., P, H., Singh, R. and Singh, A.R. (2020). *Relation of D-dimer levels of COVID-19 patients with diabetes mellitus*. Diabetes & Metabolic Syndrome: Clinical Research & Reviews, 14(6), pp.1927–1930. doi:10.1016/j.dsx.2020.09.035.
- Nordstrom SM, Weiss EJ. *Sex differences in thrombosis*. Expert Rev Hematol. 2008 Oct;1(1):3-8. doi: 10.1586/17474086.1.1.3. PMID: 21083002.

- Palareti G, Legnani C, Antonucci E, Cosmi B, Poli D, Testa S, Toso A, Ageno W, Falanga A, Ferrini PM, Pengo V, Prandoni P; DULCIS (D-dimer and ULtrasonography in Combination Italian Study) Investigators. *D-dimer testing, with gender-specific cutoff levels, is of value to assess the individual risk of venous thromboembolic recurrence in non-elderly patients of both genders: a post hoc analysis of the DULCIS study*. Intern Emerg Med. 2020 Apr;15(3):453-462. doi: 10.1007/s11739-019-02216-y. Epub 2019 Nov 5. PMID: 31691119; PMCID: PMC7165144.
- Paliogiannis, P., Mangoni, A., Dettori, P., Nasrallah, G., Pintus, G. and Zinellu, A., 2020. *D-Dimer Concentrations and COVID-19 Severity: A Systematic Review and Meta-Analysis*. Frontiers in Public Health, 8.
- Parasher, A., 2020. *COVID-19: Current understanding of its Pathophysiology, Clinical presentation and Treatment*. Postgraduate Medical Journal, 97(1147), pp.312-320.
- Sakthivel-Wainford, K., 2019. *Chest x-ray interpretation for radiographers, nurses and allied health professionals*. Keswick: M & K Publishing.
- Pang L, Liu Y, Shen M, Ye J, Chen R, Lan Z, Wu Z, Guo Y, Zhang P. *Influence of aging on deterioration of patients with COVID-19*. Aging (Albany NY). 2020 Nov 24;12(24):26248-26262. doi: 10.18632/aging.202136. Epub 2020 Nov 24. PMID: 33232272; PMCID: PMC7803552.
- Patwa, U. and Sathe, P., 2014. D Dimer in acute care. *International Journal of Critical Illness and Injury Science*, 4(3), p.229.
- Savla, S., Prabhavalkar, K. and Bhatt, L., 2021. *Cytokine storm associated coagulation complications in COVID-19 patients: Pathogenesis and Management*. Expert Review of Anti-infective Therapy, 19(11), pp.1397-1413.
- Schutte T, Thijs A, Smulders YM. *Never ignore extremely elevated D-dimer levels: they are specific for serious illness*. Neth J Med. 2016;74(10):443-448.
- Sensusiati, A., Amin, M., Nasronudin, N., Rosyid, A., Ramadhan, N., Lathifah, R., Puspitasari, E., Wahyuningtyas, R. and Soebakti, E., 2021. *Age, neutrophil lymphocyte ratio, and radiographic assessment of the quantity of lung edema (RALE) Score to predict in-hospital mortality in COVID-19 patients: a retrospective study*. F1000Research, 9, p.1286.
- Setiawati, R., Widyoningroem, A., Handarini, T., Hayati, F., Basja, A. T., Surya, A. R. D., Putri, Jaya, M. G., Andriani, J., Tanadi, M. R., & Kamal, I. H. 2021. *Modified chest X-ray scoring system in evaluating severity of COVID-19 patient in dr. Soetomo general hospital Surabaya, Indonesia*. International

Journal of General Medicine, 14, 2407-2412.  
<https://doi.org/10.2147/IJGM.S310577>

Speets, A., Hoes, A., van der Graaf, Y., Kalmijn, S., Sachs, A. and Mali, W., 2006. *Chest radiography and pneumonia in primary care: diagnostic yield and consequences for patient management*. European Respiratory Journal, 28(5), pp.933-938.

Tang, Y., Liu, J., Zhang, D., Xu, Z., Ji, J. and Wen, C., 2020. *Cytokine Storm in COVID-19: The Current Evidence and Treatment Strategies*. Frontiers in Immunology, 11.

Teuwen, L., Geldhof, V., Pasut, A. and Carmeliet, P., 2020. *COVID-19: the vasculature unleashed*. Nature Reviews Immunology, 20(7), pp.389-391.

Tita-Nwa F, Bos A, Adjei A, Ershler WB, Longo DL, Ferrucci L. *Correlates of D-dimer in older persons*. Aging Clin Exp Res. 2010 Feb;22(1):20-3. doi: 10.1007/BF03324810. PMID: 20305364; PMCID: PMC2863304.

Umar, I dan RW Sujud. *Hemostasis dan Disseminated Intravascular Coagulation (DIC)*. Journal of Anaesthesia and Pain. 2020;1(2): 19-32

Varga, Z., Flammer, A. J., Steiger, P., Haberecker, M., Andermatt, R., Zinkernagel, A. S., Mehra, M. R., Schuepbach, R. A., Ruschitzka, F., & Moch, H. (2020). *Endothelial cell infection and endotheliitis in COVID-19*. Lancet (London, England), 395(10234), 1417–1418. [https://doi.org/10.1016/S0140-6736\(20\)30937-5](https://doi.org/10.1016/S0140-6736(20)30937-5)

Vidali, S., Morosetti, D., Cossu, E., Luisi, M., Pancani, S., Semeraro, V. and Consales, G., 2020. *D-dimer as an indicator of prognosis in SARS-CoV-2 infection: a systematic review*. ERJ Open Research, 6(2), pp.00260-2020.

World Health Organization, *Advice on the use of point-of-care immunodiagnostic tests for COVID-19*. Available online: <https://www.who.int/news-room/commentaries/detail/advice-on-the-use-of-point-of-care-immunodiagnostic-tests-for-covid-19> (accessed on August 25, 2021).

Yasin, R. and Gouda, W., 2020. *Chest X-ray findings monitoring COVID-19 disease course and severity*. Egyptian Journal of Radiology and Nuclear Medicine, 51(1).

Yao, Y., Cao, J., Wang, Q., Shi, Q., Liu, K., Luo, Z., Chen, X., Chen, S., Yu, K., Huang, Z. and Hu, B., 2020. *D-dimer as a biomarker for disease severity and mortality in COVID-19 patients: a case control study*. Journal of Intensive Care, 8(1).



Zimatore, C., Pisani, L., Lippolis, V., Calfee, C., Ware, L., Algera, A., Smit, M., Grasso, S. and Schultz, M., 2019. *The radiographic assessment of lung edema (RALE) Score has excellent diagnostic accuracy for ARDS*. Acute critical care,.