

DAFTAR PUSTAKA

- Amgalan A, Othman M. Hemostatic laboratory derangements in COVID-19 with a focus on platelet count. *Platelets*. 2020;32(6):740-5.
- Baranovskii DS, Klabukov ID, Krasilnikova OA, Nikogosov DA, Polekhiva NV, et al. Prolonged prothrombin time as an early prognostic indicator of severe acute respiratory distress syndrome in patients with COVID-19 related pneumonia. *CMRO J* (2020)
- Barbar S, Noventa F, Rossetto V, Ferrari A, Brandolin B, et al. A risk assessment model for the identification of hospitalized medical patients at risk for venous thromboembolism: the padua prediction score. *J Thromb Haemost*. 2010;8:2450-57.
- Becker RC. COVID-19 update: COVID-19-associated coagulopathy. *J TT*. 2020; 50; p.54-67.
- Cascella M, Rajnik M, et al. Features, evaluation and treatment
- Chan NC, Weitz JI. COVID-19 coagulopathy, thrombosis, and bleeding. *Blood*. 2020;136(4); p.381-3.
- Chen G, Wu D, Guo W, Cao Y, Huang D, et al. Clinical and immunological features of severe and moderate coronavirus disease 2019. *J Clin Invest*. 2020;130(5): 2620-9.
- Chen N, Zhou M, Dong X, Qu J, Gong F, et al. Epidemiological and clinical characteristics of 99 cases of 2019 novel coronavirus pneumonia in Wuhan, China: a descriptive study. *Lancet* 395:507-513.
- Chung M, Bernheim A, Mei X, Zhang N, Huang M, et al. CT imaging features of 2019 novelcoronavirus (2019-nCoV). *Radiology*. 2020;295(1):202-7
- Coronavirus (COVID-19) [Updated 2020 Apr 6]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan-. Available from:<https://www.ncbi.nlm.nih.gov/books/NBK554776/>.
- Definition Task Force ARDS, Ranieri VM, Rubenfeld GD, Thompson BT, Ferguson ND, Caldwell E, et al. Acuterespiratory distress syndrome: the Berlin definition. *JAMA*. 2012;307:2526-33 Gattinoni L, Chiumello D, Rossi S. COVID-19 pneumonia: ARDS or not?. *Crit Care*. 2020;24(1):1-3.

- Geissenberger F, Schwarz F, Probst M, Heberl S, Gruetzner S, et al. D-Dimer Predicts Disease Severity but Not Long-Term Prognosis in Acute Pulmonary Embolism. *Clin and App Thromb/Hemostasis*. 2019;25:1-7.
- Guan WJ, Ni ZY, Hu Y, Liang W, Ou C, et al. Clinical characteristics of coronavirus disease2019 in China. *N Engl J Med*. 2020. <https://doi.org/10.1056/NEJMoa200203>.
- Guclu E, Kocayigit H, Okan HD, Erkorkmaz U, Yurumez Y, et al. Effect of COVID-19 on platelet count and its indices. 2020. <http://dx.doi.org/10.1590/1806-9282.66.8.1122>
- Gupta N, Zhao YY, Evans CE. The stimulation of thrombosis by hypoxia. *Thromb Res*. 2019;181:77-83.
- Hadid T, Kafri Z, Al-Katib A. Coagulation and anticoagulation in COVID-19. *Blood rev*. 2020. <http://doi.org/10.1016Zj.blre.2020.100761>.
- Han H, Yang L, Liu R, Liu F, Wu KL. Prominent changes in blood coagulation of patients with SARS-CoV-2 infection. *Clin Chem Lab Med*. 2020;58(7): 1116-20.
- Harper PL, Theakston E, Ahmed J, Ockelford P. D-dimer concentration increases with age reducing the clinical value of the D-dimer assay in the elderly. *Intern Med J*. 2007;37:607-613.
- Helms J, Tacquard C, Severac F, Leonard-Lorant I, Ohana M, et al. High risk of thrombosis in patients with severe SARS-CoV-2 infections: A multicenter prospective cohort study. *Intensive Care Med*. 2020. <https://doi.org/10.1007/s00134-020-06062-x>.
- Hematological findings and complications of COVID-19. *Am J Hematol* 2020;95:834-847.
- Hematology Basic Principles and Practice, 7th Ed. Philadelphia. Elsevier. 2018; p 1870
- Hess K, Grant PJ, Inflammation and Thrombosis in diabetes. *Thromb Haemost*. 2011;105:s43-54 .
- Hoffman R, Benz EJ, Silberstein LE, Heslop HE, Weitz JI, et al.
- Huang C, Wang Y, Li X, Ren L, Zhao J, et al. Clinical features of patients with 2019 novelcoronavirus in Wuhan, China. *Lancet*. 2020;395(10223):497-506

- Iba T, Levy JH, Warkentin TE, Thachil J, van der poll T, Levy M. Diagnosis and management of sepsis-induced coagulopathy and disseminated intravascular coagulation. *J Thromb Haemost*. 2019;17:1989-94.
- Levi M, van der poll T. Coagulation and sepsis. *Thromb Res*. 2017;149:38-44.
- Levy JH, Szlam F, Wolberg AS, Winkler A. Clinical use of the activated partial thromboplastin time and prothrombin time for screening. *Clin Lab Med*. 2014;34:453-477
- Levy JH. Anticoagulants. in: Flood P, Rathmell JP, Shafer S. Stoelting's Pharmacology Physiology in Anesthetic Practice, 5th Ed. Philadelphia. Wolters Kluwer. 2015; p. 648-60.
- Li XY, Du B, Wang YS, Kang HYJ, Wang F, et al. The keypoints in treatment of the critical coronavirus disease 2019 patient. *Chinese J TB resp dis*. 2020;43(4):277-81
- Liao D, Zhou F, Luo L, Xu M, Wang H, et al. Haematological characteristics and risk factors in the classification and
- Long H, Nie L, Xiang X, Li H, Zhang X, et al. D-Dimer and prothrombin time are the significant indicators of severe COVID-19 and poor prognosis. *Biomed Res Int* (2020), <http://doi.org/10.1155/2020/6159720>
- Luo HC, You CY, Lu SW, Fu YQ. Characteristic of coagulation alteration in patients with COVID-19. *Ann Hematol*. 2021;100:45-52.
- prognosis evaluation of COVID-19: a retrospective cohort study. *Lancet Haematology* 2020. [https://doi.org/10.1016/s2352-3026\(20\)30217-9](https://doi.org/10.1016/s2352-3026(20)30217-9).
- Querol-Ribelles JM, Tenias JM, Grau E, Climent JL, Gomez E, et al. Plasm D-dimer levels correlate with outcomes in patients with community acquired pneumonia. *Chest J*. 2004;126:1087-92.
- Szigeti RG, Staros EB. D-Dimer.[Updated Nov 18 2019]Medscape. Available from: <https://emedicine.medscape.com/article/2085111-overview#showall>
- Tang N, Bai H, Chen X, Gong J, Li D, Sun Z. Anticoagulant treatment is associated with decreased mortality in severe coronavirus disease 2019 patients with coagulopathy. *J Thromb Haemost*. 2020; 18:1094-1099.

- Tang N, Li D, Wang X, Sun Z. Abnormal coagulation parameters are associated with poor prognosis in patients with novel coronavirus pneumonia. *J Thromb Haemost*. 2020;18:844-847.
- Terpos E, Ntanasis-Stathopoulos I, Elalamy I, Kastritis E, Sergentanis TN.
- Vabret N, Britton GJ, et al. Immunology of COVID-19: Current State of the Science. *Immunity*. 2020;1.
- Wahed A, Dasgupta A, Hematology and Coagulation, A Comprehensive Review for Board Preparation, Certification and Clinical Practice. Waltham. Elsevier. 2015; p 231-45
- Wang D, Hu B, Hu C, Zhu F, Liu X, et al. Clinical characteristics of 138 hospitalized patients with 2019 novel coronavirus-infected pneumonia in Wuhan, China. *JAMA*. 2020 Feb 7;323(11):1061 - 1069.
- Wang L, He WB, Yu XM, Hu DL, Jiang H. Prolonged prothrombin time at admission predicts poor clinical outcome in COVID-19 patients. *World J Clin Cases*. 2020;8(19):4370-9 .
- Weitz JI, Fredenburgh JC, Eikelboom JW. A Test in Context: D-Dimer. *JACC*. 2017;70:2411-20.
- Wiersinga WJ, Rhodes A, et al. Pathophysiology, Transmission, Diagnosis, and Treatment of Coronavirus Disease 2019 (COVID-19): A Review. *Jama* [Internet]. 2020;2019:1-13. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/32648899>
- Wong JP, Visnawathan S, Wang M, Sun LQ, Clark GC, D'Elia RV. Current and future developments in the treatment of virus-induced hypercytokinemia. *Future Med Chem*. 2017;9:169-178.
- Wool GD, Miller JL, The impact of COVID-19 disease on platelets and coagulation. *Pathobiology* (2020). <http://doi.org/10.1159/000512007>
- Yao Y, Cao J, Wang Q, Shi Q, Liu K, et al. D-dimer as a biomarker for disease severity and mortality in COVID-19 patients: a case control study. *J. Int. Care*. 2020;8:49
- Yu H, Qin C, Chen M, Wang W, Tian D. D-dimer level associated with the severity of COVID-19. *Thromb Res*. 2020;195:219-25.
- Yuki K, Fujiogi M, Koutsogiannaki S. COVID-19 pathophysiology: a review. 2020. *Clin Immunology*;215(108427);1-7.

Zhang H, Wang X, et al. Potential Factors for Prediction of Disease Severity of COVID-19 Patients. medRxiv. 2020;2020.03.20.20039818.

Zhang L, Yan X, Fan Q, Liu H, Lu X, et al. D-dimer level on admission to predict in-hospital mortality in patients with Covid-19. J Thromb Haemost.2020; 18:1324-1329

Zhou F, Yu T, Du R, Fan G, Liu Y, et al. Clinical course and risk factors for mortality of adult inpatients with COVID-19 in Wuhan, China: a retrospective cohort study. Lancet.2020.

[https://doi.org/10.1016/S0140-6736\(20\)30566-3](https://doi.org/10.1016/S0140-6736(20)30566-3)