

## DAFTAR PUSTAKA

- 2023 ESC Guidelines for the management of acute coronary syndromes [WWW Document], n.d. URL <https://www.escardio.org/Guidelines/Clinical-Practice-Guidelines/Acute-Coronary-Syndromes-ACS-Guidelines> (accessed 11.6.25).
- Adem, F., Abdi, S., Amare, F., Mohammed, M.A., 2023. In-hospital mortality from acute coronary syndrome in Africa: a systematic review and meta-analysis. *SAGE Open Med.* 11, 20503121221143646. <https://doi.org/10.1177/20503121221143646>
- Akbar, H., Mountfort, S., 2025. Acute ST-Segment Elevation Myocardial Infarction (STEMI), in: *StatPearls*. StatPearls Publishing, Treasure Island (FL).
- Babes, E.E., Radu, A.-F., Cretu, N.A., Bungau, G., Diaconu, C.C., Tit, D.M., Babes, V.V., 2025. Risk Stratification in Acute Coronary Syndromes: The Systemic Immune-Inflammation Index as Prognostic Marker. *Med. Sci.* 13, 116. <https://doi.org/10.3390/medsci13030116>
- Basit, H., Malik, A., Huecker, M.R., 2025. Non-ST-Segment Elevation Myocardial Infarction, in: *StatPearls*. StatPearls Publishing, Treasure Island (FL).
- Bornfeldt, K.E., Tabas, I., 2011. Insulin Resistance, Hyperglycemia, and Atherosclerosis. *Cell Metab.* 14, 575–585. <https://doi.org/10.1016/j.cmet.2011.07.015>
- Definition of inflammation - NCI Dictionary of Cancer Terms - NCI [WWW Document], 2011. URL <https://www.cancer.gov/publications/dictionaries/cancer-terms/def/inflammation> (accessed 11.6.25).
- Fanta, K., Daba, F.B., Asefa, E.T., Melaku, T., Chelkeba, L., Fekadu, G., Gudina, E.K., 2021. Management and 30-Day Mortality of Acute Coronary Syndrome in a Resource-Limited Setting: Insight From Ethiopia. A Prospective Cohort Study. *Front. Cardiovasc. Med.* 8. <https://doi.org/10.3389/fcvm.2021.707700>
- Fuster, V., Kovacic, J.C., 2014. Acute Coronary Syndromes. *Circ. Res.* 114, 1847–1851. <https://doi.org/10.1161/CIRCRESAHA.114.302806>

- Gao Y, Li Y, Chen X, Wu C, Guo Z, Bai G, et al. The systemic inflammation index predicts poor clinical prognosis in patients with initially diagnosed acute coronary syndrome undergoing primary coronary angiography. *J Inflamm Res.* 2023;16:5205–5219.
- Go, A.S., Chertow, G.M., Fan, D., McCulloch, C.E., Hsu, C., 2004. Chronic Kidney Disease and the Risks of Death, Cardiovascular Events, and Hospitalization. *N. Engl. J. Med.* 351, 1296–1305. <https://doi.org/10.1056/NEJMoa041031>
- Harrison, D.G., Coffman, T.M., Wilcox, C.S., 2021. Pathophysiology of Hypertension. *Circ. Res.* 128, 847–863. <https://doi.org/10.1161/CIRCRESAHA.121.318082>
- Huilcaman, R., Venturini, W., Fuenzalida, L., Cayo, A., Segovia, R., Valenzuela, C., Brown, N., Moore-Carrasco, R., 2022. Platelets, a Key Cell in Inflammation and Atherosclerosis Progression. *Cells* 11, 1014. <https://doi.org/10.3390/cells11061014>
- Jennings, L.K., 2009. Role of Platelets in Atherothrombosis. *Am. J. Cardiol.* 103, 4A-10A. <https://doi.org/10.1016/j.amjcard.2008.11.017>
- Libby, P., Ridker, P.M., Maseri, A., 2002. Inflammation and Atherosclerosis. *Circulation* 105, 1135–1143. <https://doi.org/10.1161/hc0902.104353>
- Liu A, Sun N, Gao F, Wang X, Zhu H, Pan D. The prognostic value of dynamic changes in SII for the patients with STEMI undergoing PPCI. *BMC Cardiovasc Disord.* 2024;24:67.
- Lluberas, N., Trías, N., Brugnini, A., Mila, R., Vignolo, G., Trujillo, P., Durán, A., Grille, S., Lluberas, R., Lens, D., 2015. Lymphocyte subpopulations in myocardial infarction: a comparison between peripheral and intracoronary blood. *SpringerPlus* 4, 744. <https://doi.org/10.1186/s40064-015-1532-3>
- Maas, A.H.E.M., Appelman, Y.E.A., 2010. Gender differences in coronary heart disease. *Neth. Heart J.* 18, 598–603. <https://doi.org/10.1007/s12471-010-0841-y>
- Mendelsohn, M.E., Karas, R.H., 2005. Molecular and cellular basis of cardiovascular gender differences. *Science* 308, 1583–1587. <https://doi.org/10.1126/science.1112062>
- Michelson, A.D., 2010. Antiplatelet therapies for the treatment of cardiovascular disease. *Nat. Rev. Drug Discov.* 9, 154–169. <https://doi.org/10.1038/nrd2957>

- Naruko, T., Ueda, M., Haze, K., van der Wal, A.C., van der Loos, C.M., Itoh, A., Komatsu, R., Ikura, Y., Ogami, M., Shimada, Y., Ehara, S., Yoshiyama, M., Takeuchi, K., Yoshikawa, J., Becker, A.E., 2002. Neutrophil Infiltration of Culprit Lesions in Acute Coronary Syndromes. *Circulation* 106, 2894–2900. <https://doi.org/10.1161/01.CIR.0000042674.89762.20>
- North, B.J., Sinclair, D.A., 2012. The intersection between aging and cardiovascular disease. *Circ. Res.* 110, 1097–1108. <https://doi.org/10.1161/CIRCRESAHA.111.246876>
- Pircher, J., Engelmann, B., Massberg, S., Schulz, C., 2019. Platelet–Neutrophil Crosstalk in Atherothrombosis. *Thromb. Haemost.* 119, 1274–1282. <https://doi.org/10.1055/s-0039-1692983>
- Qalby, N., Arsyad, D.S., Qanitha, A., Cramer, M.J., Appelman, Y., Pabittei, D.R., Doevendans, P.A., Mappangara, I., Muzakkir, A.F., 2024. In-hospital mortality of patients with acute coronary syndrome (ACS) after implementation of national health insurance (NHI) in Indonesia. *BMC Health Serv. Res.* 24, 284. <https://doi.org/10.1186/s12913-024-10637-5>
- Ramos-González, E.J., Bitzer-Quintero, O.K., Ortiz, G., Hernández-Cruz, J.J., Ramírez-Jirano, L.J., 2024. Relationship between inflammation and oxidative stress and its effect on multiple sclerosis. *Neurología* 39, 292–301. <https://doi.org/10.1016/j.nrl.2021.10.003>
- Rask-Madsen, C., King, G.L., 2013. Vascular Complications of Diabetes: Mechanisms of Injury and Protective Factors. *Cell Metab.* 17, 20–33. <https://doi.org/10.1016/j.cmet.2012.11.012>
- Sarkees, M.L., Bavry, A.A., 2010. Non ST-elevation acute coronary syndrome. *BMJ Clin. Evid.* 2010, 0209.
- Strzelak, A., Ratajczak, A., Adamiec, A., Feleszko, W., 2018. Tobacco Smoke Induces and Alters Immune Responses in the Lung Triggering Inflammation, Allergy, Asthma and Other Lung Diseases: A Mechanistic Review. *Int. J. Environ. Res. Public. Health* 15, 1033. <https://doi.org/10.3390/ijerph15051033>
- Tonelli, M., Pfeffer, M.A., 2007. Kidney disease and cardiovascular risk. *Annu. Rev. Med.* 58, 123–139. <https://doi.org/10.1146/annurev.med.58.071105.111123>

- Wang, J., Duan, Y., Sluijter, J.P., Xiao, J., 2019. Lymphocytic subsets play distinct roles in heart diseases. *Theranostics* 9, 4030–4046. <https://doi.org/10.7150/thno.33112>
- Wang, J.C., Bennett, M., 2012. Aging and atherosclerosis: mechanisms, functional consequences, and potential therapeutics for cellular senescence. *Circ. Res.* 111, 245–259. <https://doi.org/10.1161/CIRCRESAHA.111.261388>
- Yang, Y.-L., Wu, C.-H., Hsu, P.-F., Chen, S.-C., Huang, S.-S., Chan, W.L., Lin, S.-J., Chou, C.-Y., Chen, J.-W., Pan, J.-P., Charng, M.-J., Chen, Y.-H., Wu, T.-C., Lu, T.-M., Huang, P.-H., Cheng, H.-M., Huang, C.-C., Sung, S.-H., Lin, Y.-J., Leu, H.-B., 2020. Systemic immune-inflammation index (SII) predicted clinical outcome in patients with coronary artery disease. *Eur. J. Clin. Invest.* 50, e13230. <https://doi.org/10.1111/eci.13230>
- North, B.J. & Sinclair, D.A., 2012. The intersection between aging and cardiovascular disease. *Circulation Research*, 110(8), pp.1097–1108. <https://doi.org/10.1161/CIRCRESAHA.111.246876>