

DAFTAR PUSTAKA

- Alexander, M.R. (2017). *Hypertension Guidelines*. Diunduh dari <https://emedicine.medscape.com/article/241381-guidelines>
- Al-daydamony, M. M., & Mustafa, T. M. (2017). Egyptian Society of Cardiology The relation between coronary artery disease severity and fragmented QRS complex in patients with left bundle branch block. *The Egyptian Heart Journal*, 69(2), pp. 119–126. <http://doi.org/10.1016/j.ehj.2016.09.003>
- Astrand H, Stalhand J, Karlsson J, Karlsson M, Sonesson B, Lanne T. (2011). In vivo estimation of the contribution of elastin and collagen to the mechanical properties in the human abdominal aorta: effect of age and sex. *J Appl Physiol*, 110, pp. 176–187. <https://www.physiology.org/doi/pdf/10.1152/japplphysiol.00579.2010>
- Badimon, L., & Vilahur, G. (2014). Thrombosis formation on atherosclerotic lesions and plaque ruptur. *Journal of Internal Medicine*, 276(6), pp. 618–632. <http://doi.org/10.1111/joim.12296>
- Bagheri, B., Radmard, N., Faghani-makrani, A., & Rasouli, M. (2019). *Serum Creatinine and Occurrence and Severity of Coronary Artery Disease*. 73(3), 154–156. <https://doi.org/10.5455/medarh.2019.73.154-156>
- Benjamin, E.J., Blaha, M.J., Chiuve, S. et al. (2017). *Heart Disease and Stroke Statistics - 2017 Update: A Report From the American Heart Association*. *Circulation* 2017;Jan25 <https://www.ahajournals.org/doi/full/10.1161/CIR.0000000000000485>
- Bolton, E., Rajkumar, C. (2010). The aging cardiovascular system. *Rev Clinical Gerontol*, 21, pp. 99–109
- Brownlee, M. 2005. The pathobiology of diabetic complications: a unifying mechanism. *Diabetes*, 54, pp. 1615–1625. <http://diabetes.diabetesjournals.org/content/54/6/1615.long>
- Campbell, Khalsa, T., Daniel, T. et al. (2016). High Blood Pressure 2016: Why Prevention and Control Are Urgent and Important. The World Hypertension League, International Society of Hypertension, World Stroke Organization, International Diabetes Foundation, International Council of Cardiovascular Prev. *Journal of Clinical Hypertension*, 18(8), pp. 714–717. <https://doi.org/10.1111/jch.12840>
- Chagas, P., Mazocco, L., Piccoli, J. da C. E. et al. (2017). Association of alcohol consumption with coronary artery disease severity. *Clinical Nutrition*, 36(4), 1036–1039. <https://doi.org/10.1016/j.clnu.2016.06.017>

- Chieng, D., Pang, J., Ellis, K. L., Hillis, G. S., Watts, G. F., & Schultz, C. J. (2018). Elevated lipoprotein(a) and low-density lipoprotein cholesterol as predictors of the severity and complexity of angiographic lesions in patients with premature coronary artery disease. *Journal of Clinical Lipidology*, 12(4), 1019–1026. <https://doi.org/10.1016/j.jacl.2018.03.090>
- Chobanian, A. V., Bakris, G. L., Black, H. R. *et al.* (2003). Seventh Report Of The Joint National Committee On Prevention , *Detection*, pp. 1206–1252. <http://doi.org/10.1161/01.HYP.0000107251.49515.c2>
- Dasu, M.R., Devaraj, S., Jialal, I. (2007). High glucose induces IL-1 beta expression in human monocytes: mechanistic insights. *Am J Physiol Endocrinol Metab*, 299, pp. E337–E346. <https://dx.doi.org/10.1152%2Fajpendo.00718.2006>
- Davi, G., Patrono, C. (2007). Platelet activation and atherothrombosis. *N Engl J Med*, 357, pp. 2482–2494. https://www.nejm.org/doi/full/10.1056/NEJMr071014?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed
- Drago, J., Williams, G.H., Lilly, L.S. (2016). Hypertension. Pathophysiology of Heart Disease, pp. 314.
- Fuster, V., Badimon, L., Badimon, J., & Chesebro, J. (1992). The Pathogenesis of Coronary Artery Disease and the Acute Coronary Syndromes. *The New England Journal of Medicine*, 326(5), pp. 310–318. https://www.nejm.org/doi/full/10.1056/NEJM199201303260506?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed
- Gandhi, S.K., Powers, J.C., Nomeir, A.M. *et al.* (2001). The pathogenesis of acute pulmonary edema associated with hypertension. *N Engl J Med.*, 344(1), pp. 17–22. https://www.nejm.org/doi/10.1056/NEJM200101043440103?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dwww.ncbi.nlm.nih.gov
- Gensini, G.G. (1983). A more meaningful scoring system for determining the severity of coronary heart disease. *Am J Cardiol*, 51, pp. 606. [https://doi.org/10.1016/S0002-9149\(83\)80105-2](https://doi.org/10.1016/S0002-9149(83)80105-2)
- Graettinger, W. (2013). Systemic Hypertension. In *Crawford M. Current Diagnosis and Treatment Cardiology 4th Edition*. San Fransisco, McGraw Hill.
- Gray, et al. (2005). Lecture Notes Kardiologi edisi 4. Jakarta, *Erlangga Medical Series*

Harrison, D., Griendling, K.K., Landmesser, U., Horning, B., Drexler, H. (2003). Role of oxidative stress in atherosclerosis. *Am J Cardiol*, 91(supp), pp. 7A – 11A. [https://doi.org/10.1016/S0002-9149\(02\)03144-2](https://doi.org/10.1016/S0002-9149(02)03144-2)

Michael, H.C., (2003). *Current Diagnosis & Treatment in Cardiology*. Edisi II. San Fransisco, McGraw Hill.

Ittaman, S. V., VanWormer, J. J., & Rezkalla, S. H. (2014). The role of aspirin in the prevention of cardiovascular disease. *Clinical Medicine and Research*, 12(3–4), 147–154. <https://doi.org/10.3121/cmr.2013.1197>

Jhon, S., Schmieder, R.E. (2000). Impaired endothelial function in arterial hypertension and hypercholesterolemia: potential mechanism and differences. *J Hypertension*, 18(4), pp. 363-374. https://journals.lww.com/jhypertension/Abstract/2000/18040/Impaired_endothelial_function_in_arterial.2.aspx

Jiangping, S., Zhe, Z., Wei, W. *et al* (2013). Assessment of Coronary Artery Stenosis by Coronary Angiography. *Circulation: Cardiovascular Interventions*, 6, pp. 262–268. <http://doi.org/10.1161/CIRCINTERVENTIONS.112.000205>

Kashani, H., Zeraati, H., Mohammad, K. *et al*. (2016). Analyzing gensini score as a semi-continuous outcome. *Journal of Tehran University Heart Center*, 11(2), 55–61.

Kementerian Kesehatan Republik Indonesia. (2017). Penyakit Jantung Penyebab Kematian Tertinggi, *Kemenkes Ingatkan CERDIK*. Dikunjungi pada Oktober 31, 2018, dari <http://www.depkes.go.id/article/view/17073100005/penyakit-jantung-penyebab-kematian-tertinggi-kemenkes-ingatkan-cerdik-.html>

Kementerian Kesehatan Republik Indonesia. (2014). *Kondisi Kesehatan Jantung*. Jakarta, Kementerian Kesehatan Republik Indonesia.

Kern, M. (2009). Clinical Editor's Corner: what is the syntax score and how should we use it?. *Cath lab digest*, 17(8).

Lambrechtsen, J., Gerke, O., Egstrup, K. *et al*. (2012). The relation between coronary artery calcification in asymptomatic subjects and both traditional risk factors and living in the city centre: A DanRisk substudy. *Journal of Internal Medicine*, 271(5), 444–450. <https://doi.org/10.1111/j.1365-2796.2011.02486.x>

Iyer, A. S., Ahmed, M. I., Filippatos, G. S. *et al*. (2010). Uncontrolled hypertension and increased risk for incident heart failure in older adults with hypertension: findings from a propensity-matched prospective population study. *Journal of*

the American Society of Hypertension, 4(1), 22–31.
<https://doi.org/10.1016/j.jash.2010.02.002>

Mahalle, N., Garg, M. K., Naik, S. S., & Kulkarni, M. V. (2016). Association of dietary factors with severity of coronary artery disease. *Clinical Nutrition ESPEN*, 15, 75–79. <https://doi.org/10.1016/j.clnesp.2016.06.004>

Manish Barman, B. D. (2014). Clinical Spectrum of Acute Coronary Syndromes in Qatar. *Journal of Cardiovascular Diseases & Diagnosis*.
<https://doi.org/10.4172/2329-9517.1000149>

Mathur, P., Ostadal, B., Romeo, F. et al. (2015) *Cardiovasc Drugs Ther.* 29, pp. 319. <https://doi.org/10.1007/s10557-015-6596-3>

Mayet, J., & Hughes, A. (2003). Pathophysiology In Hypertension. *Heart (British Cardiac Society)*, 89(9), pp. 1104-1109.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1767863/#!po=2.50000>

Mazzone T., A. Chait, and J. Plutzky. (2008). Cardiovascular disease risk in type 2 diabetes melitus: insights from mechanistic studies. *Lancet*, 371, pp. 1800–1809. [https://dx.doi.org/10.1016%2FS0140-6736\(08\)60768-0](https://dx.doi.org/10.1016%2FS0140-6736(08)60768-0)

Meutia, F., Putranto, J.N.E. (2015). Correlation Between Plasma Nitric Oxide Level and Coronary Artery Stenosis Severity Based on Sullivan Scoring System in Stable Angina Patients. *FMI* 51:22-30.

Millar, J. A., & Lever, A. F. (2000). Implications of pulse pressure as a predictor of cardiac risk in patients with hypertension. *Hypertension*, 36(5), 907–911.
<https://doi.org/10.1161/01.HYP.36.5.907>

Nakanishi, R., Baskaran, L., Gransar, H. et al. (2017). Relationship of Hypertension to Coronary Atherosclerosis and Cardiac Events in Patients with Coronary Computed Tomographic Angiography. *Hypertension*.
<https://doi.org/10.1161/HYPERTENSIONAHA.117.09402>

Neeland, I. J., Patel, R. S., Eshtehardi, P. et al. (2012). Coronary angiographic scoring systems: An evaluation of their equivalence and validity. *American Heart Journal*, 164(4), 547–552. <https://doi.org/10.1016/j.ahj.2012.07.007>

Nicol, E. D., Schultz, C., Stirrup, J. et al. (2010). Defining the appropriate CTA stenosis threshold for gatekeeping to invasive angiography: 50% or 70%?. *International Journal of Cardiology*, 144(2), 297–298.
<https://doi.org/10.1016/j.ijcard.2009.02.031>

Rafieian-Kopaei, M., Setorki, M., Doudi, M., Baradaran, A., & Nasri, H. (2014). Atherosclerosis: process, indicators, risk factors and new hopes. *International*

journal of preventive medicine, 5(8), pp. 927-946.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4258672/>

Ramandika, E. A. (2012). *Hubungan Faktor Risiko Mayor Penyakit Jantung Koroner Dengan Skor Pembuluh Darah Koroner Dari Hasil Angiografi Koroner Di Rsup Dr. Kariadi Semarang*. Universitas Diponegoro: Semarang.

Ramandityo, D. F. (2012). *Hubungan Hipertensi Dengan Keparahan Penyakit Jantung Koroner Berdasarkan Sullivan Vessel Score*. Universitas Islam Negeri Syarif Hidayatullah: Jakarta.

Rampersaud, E., Bielak, L. F., Parsa, A. *et al.* (2008). The association of coronary artery calcification and carotid artery intima-media thickness with distinct, traditional coronary artery disease risk factors in asymptomatic adults. *American Journal of Epidemiology*, 168(9), 1016–1023.
<https://doi.org/10.1093/aje/kwn211>

Rosendorff, C., Lackland, D. T., Allison, M. *et al.* (2015). Treatment of Hypertension in Patients With Coronary Artery Disease. *Circulation*, 131(19).
<https://doi.org/10.1161/CIR.0000000000000207>

Rosenthal, R. L. (2015). The 50% coronary stenosis. *American Journal of Cardiology*, 115(8), 1162–1165.
<https://doi.org/10.1016/j.amjcard.2015.01.553>

Sastroasmoro, S. (2014). *Dasar-Dasar Metodologi Penelitian Klinis*. Jakarta: Sagung Seto

Sparrow, C.P., Olszewski J. (1993). Cellular oxidation of low density lipoprotein is caused by thiol production in media containing transition metal ions. *J Lipid Res*, 34, pp. 1219-1228

Spence, J. D., & Pilote, L. (2015). Importance of sex and gender in atherosclerosis and cardiovascular disease. *Atherosclerosis*, 241(1), pp. 208–210.
<http://doi.org/10.1016/j.atherosclerosis.2015.04.806>

The Internet stroke center. (2007). Atherosclerosis and thrombus formation, Role of monocyte and T lymphocytes in the transformation to foam cell. (diunduh dari http://www.strokecenter.org/education/ais_pathogenesis/03_role_monocytes.htm)

Tian, J., Gu, X., Sun, Y. *et al.* (2012). Effect of statin therapy on the progression of coronary atherosclerosis. *BMC Cardiovascular Disorders*, 12.
<https://doi.org/10.1186/1471-2261-12-70>

- Tomizawa, N., Nojo, T., Inoh, S., & Nakamura, S. (2014). Difference of coronary artery disease severity, extent and plaque characteristics between patients with hypertension, diabetes melitus or dislipidemia. *International Journal of Cardiovascular Imaging*, 31(1), 205–212. <https://doi.org/10.1007/s10554-014-0542-5>
- Welt FGP, Simon DI. (2001). Atherosclerosis and plaque ruptur. *Catheter Cardiovasc Interv*, 53, pp. 56–63.
- Wexler, R., Feldman, D. (2006). Initiation of therapy for patients with essential hypertension or comorbid conditions. *Primary Care: Clinics in Office Practice*, 33(4), pp.887-901
- Zand Parsa, A. F., Ziai, H., & Haghighi, L. (2012). The impact of cardiovascular risk factors on the site and extent of coronary artery disease. *Cardiovascular Journal of Africa*, 23(4), 197–199. <https://doi.org/10.5830/CVJA-2011-052>
- Zeller, T., Seiffert, M., Müller, C. (2017). Genome-Wide Association Analysis for Severity of Coronary Artery Disease Using the Gensini Scoring System. *Frontiers in Cardiovascular Medicine*, 4(September), 1–6. <https://doi.org/10.3389/fcvm.2017.00057>
- Zieman S, Kass D. (2004). Advanced glycation end product cross-linking: pathophysiologic role and therapeutic target in cardiovascular disease. *Congest Heart Fail*, 10, pp. 144 –149. <https://onlinelibrary.wiley.com/doi/full/10.1111/j.1527-5299.2004.03223.x>