

DAFTAR PUSTAKA

- Arbab-Zadeh, A., 2016. What will it take to retire invasive coronary angiography?. *Journal of the American Collage of Cardiology : Cardiovascular Imaging*, 9(5): 565–567. doi:10.1016/j.jcmg.2015.09.013
- Ashley, E.A. and Niebauer, J., *Cardiology explained*. London: Remedica; 2004. Chapter 5. Coronary artery disease.< <http://www.ncbi.nlm.nih.gov/books/NBK2216>
- Bahrami, S. and Norouzi, M., 2018. A numerical study on hemodynamics in the left coronary bifurcation with normal and hypertension conditions. *Biomechanics and modeling in mechanobiology*, 17(6), pp.1785-1796.
- Berenson, G.S., Srinivasan, S.R., Bao, W., Newman, W.P., Tracy, R.E. and Wattigney, W.A., 1998. Association between multiple cardiovascular risk factors and atherosclerosis in children and young adults. *New England journal of medicine*, 338(23), pp.1650-1656.
- Betts, G.J., Young, K.A., Wise, J.A., Johnson, E., Poe, B., Kruse, D.H., Korol, O., Johnson, J.E., Womble, M., DeSaix, P., 2013. *Heart Anatomy* [Online] Available at :<https://openstax.org/books/anatomy-and-physiology/pages/19-1-heart-anatomy/> (Accessed : 14 June 2020)
- Cademartiri, F., La Grutta, L., Malagó, R., Alberghina, F., Palumbo, A., Belgrano, M., Maffei, E., Aldrovandi, A., Pugliese, F., Runza, G. and Weustink, A., 2009. Assessment of left main coronary artery atherosclerotic burden using 64-slice CT coronary angiography: correlation between dimensions and presence of plaques. *La radiologia medica*, 114(3), pp.358-369.
- Cecchi, E., Giglioli, C., Valente, S., Lazzeri, C., Gensini, G.F., Abbate, R. and Mannini, L., 2011. Role of hemodynamic shear stress in cardiovascular disease. *Atherosclerosis*, 214(2), pp.249-256.
- Cerqueira, M.D., Weissman nJ, Dilsizian V, Jacobs Ak, kaul S, laskey Wk, Pennell DJ, Rumberger JA, Ryan T, Verani MS. 2002. Standardized myocardial segmentation and nomenclature for tomographic imaging of the heart: a statement for healthcare professionals from the Cardiac Imaging Committee of the Council on Clinical Cardiology of the American Heart Association. *Circulation*, 105: 539-542.
- Chaichana, T., Sun, Z. and Jewkes, J., 2011. Computation of hemodynamics in the left coronary artery with variable angulations. *Journal of biomechanics*, 44(10), pp.1869-1878.
- Chen, N.X. and Moe, S.M., 2012. Vascular calcification: pathophysiology and risk factors. *Current hypertension reports*, 14(3), pp.228-237.
- Cheng, C., Tempel, D., Van Haperen, R., Van Der Baan, A., Grosveld, F., Daemen, M.J., Krams, R. and de Crom, R., 2006. Atherosclerotic lesion size and vulnerability are determined by patterns of fluid shear stress. *Circulation*, 113(23), pp.2744-2753.
- Collet, C., Capodanno, D., Onuma, Y., Banning, A., Stone, G.W., Taggart, D.P., Sabik, J. and Serruys, P.W., 2018. Left main coronary artery disease:

- pathophysiology, diagnosis, and treatment. *Nature Reviews Cardiology*, 15(6), pp.321-331.
- Csige, I., Ujvárosy, D., Szabó, Z., Lórinicz, I., Paragh, G., Harangi, M. and Somodi, S., 2018. The impact of obesity on the cardiovascular system. *Journal of Diabetes Research*, 2018.
- Cui, Y., Zeng, W., Yu, J., Lu, J., Hu, Y., Diao, N., Liang, B., Han, P. and Shi, H., 2017. Quantification of left coronary bifurcation angles and plaques by coronary computed tomography angiography for prediction of significant coronary stenosis: A preliminary study with dual-source CT. *PloS one*, 12(3), p.e0174352.
- Dahlan, M.S. 2012. *Langkah-langkah membuat proposal penelitian bidang kedokteran dan kesehatan*. kedua. Jakarta: CV Sagung Seto
- Davies, S.W., 2001. Clinical presentation and diagnosis of coronary artery disease: stable angina. *British medical bulletin*, 59(1), pp.17-27.
- Dowe, D.A., Fioranelli, M. and Pavone, P. eds., 2013. *Imaging coronary arteries*. 2nd ed., Springer Science & Business Media, Milan doi:10.1007/978-88-470-2682-7
- Fairweather, D., 2014. Sex differences in inflammation during atherosclerosis. *Clinical Medicine Insights: Cardiology*, 8, pp.CMC-S17068.
- Firdaus, I., 2019. Hari Jantung Sedunia (World Heart Day): Your Heart is Our Heart Too (PERKI) [Online]. Available at : http://www.inaheart.org/news_and_events/news/2019/9/26/press_release_world_heart_day_perki_2019 (Accessed: 22 May 2020)
- Givehchi, S., Safari, M.J., Tan, S.K., Shah, M.N.B.M., Sani, F.B.M., Azman, R.R., Sun, Z., Yeong, C.H., Ng, K.H. and Wong, J.H.D., 2018. Measurement of coronary bifurcation angle with coronary CT angiography: A phantom study. *Physica Medica*, 45, pp.198-204.
- Hajar, R., 2017. Risk factors for coronary artery disease: historical perspectives. *Heart views: the official journal of the Gulf Heart Association*, 18(3), p.109.
- Hanson, M.A., Fareed, M.T., Argenio, S.L., Agunwamba, A.O. and Hanson, T.R., 2013. Coronary artery disease. *Primary Care: Clinics in Office Practice*, 40(1): 1-16. doi:10.1016/j.pop.2012.12.001
- Hicks, Karen A., James E. Tcheng, Biykem Bozkurt, Bernard R. Chaitman, Donald E. Cutlip, Andrew Farb, Gregg C. Fonarow et al. "2014 ACC/AHA key data elements and definitions for cardiovascular endpoint events in clinical trials: a report of the American College of Cardiology/American Heart Association Task Force on Clinical Data Standards (Writing Committee to Develop Cardiovascular Endpoints Data Standards)." *Journal of the American College of Cardiology* 66, no. 4 (2015): 403-469.
- Imakita, M., Yutani, C., Strong, J.P., Sakurai, I., Sumiyoshi, A., Watanabe, T., Mitsumata, M., Kusumi, Y., Katayama, S., Mano, M. and Baba, S., 2001. Second nation-wide study of atherosclerosis in infants, children and young adults in Japan. *Atherosclerosis*, 155(2), pp.487-497.
- Juan, Y.H., Tsay, P.K., Shen, W.C., Yeh, C.S., Wen, M.S. and Wan, Y.L., 2017. Comparison of the left main coronary bifurcating angle among patients with normal, non-significantly and significantly stenosed left coronary arteries.

Scientific reports, 7(1), pp.1-8.

- Katakami, N., 2017. Mechanism of development of atherosclerosis and cardiovascular disease in diabetes mellitus. *Journal of atherosclerosis and thrombosis*, p.RV17014.
- Kawasaki, T., Koga, H., Serikawa, T., Orita, Y., Ikeda, S., Mito, T., Gotou, Y., Shintani, Y., Tanaka, A., Tanaka, H. and Fukuyama, T., 2009. The bifurcation study using 64 multislice computed tomography. *Catheterization and Cardiovascular Interventions*, 73(5), pp.653-658.
- Kementerian Kesehatan RI Badan Penelitian dan Pengembangan, 2018. RISKESDAS 2018. Kementerian Kesehatan. Republik Indonesia. doi:1 Desember 2013
- Kolossváry, M., Szilveszter, B., Merkely, B. and Maurovich-Horvat, P., 2017. Plaque imaging with CT—a comprehensive review on coronary CT angiography based risk assessment. *Cardiovascular diagnosis and therapy*, 7(5): 489-506. doi:10.21037/cdt.2016.11.06
- Laakso, M., Voutilainen, E., Pyörälä, K. and Sarlund, H., 1985. Association of low HDL and HDL2 cholesterol with coronary heart disease in noninsulin-dependent diabetics. *Arteriosclerosis: An Official Journal of the American Heart Association, Inc.*, 5(6), pp.653-658.
- Lacoste, L., Lam, J.Y., Hung, J., Letchacovski, G., Solymoss, C.B. and Waters, D., 1995. Hyperlipidemia and coronary disease: correction of the increased thrombogenic potential with cholesterol reduction. *Circulation*, 92(11), pp.3172-3177.
- Leipsic, J., Abbara, S., Achenbach, S., Cury, R., Earls, J.P., Mancini, G.J., Nieman, K., Pontone, G. and Raff, G.L., 2014. SCCT guidelines for the interpretation and reporting of coronary CT angiography: a report of the Society of Cardiovascular Computed Tomography Guidelines Committee. *Journal of cardiovascular computed tomography*, 8(5): 342-358. doi:10.1016/j.jcct.2014.07.003
- Lopez, A.D., Mathers, C.D., Ezzati, M., Jamison, D.T. and Murray, C.J., 2006. Global and regional burden of disease and risk factors, 2001: systematic analysis of population health data. *The lancet*, 367(9524), pp.1747-1757.
- Maas, A.H. and Appelman, Y.E., 2010. Gender differences in coronary heart disease. *Netherlands Heart Journal*, 18(12), pp.598-603.
- Meijboom, W.B., Meijjs, M.F., Schuijf, J.D., Cramer, M.J., Mollet, N.R., van Mieghem, C.A., Nieman, K., van Werkhoven, J.M., Pundziute, G., Weustink, A.C. and de Vos, A.M., 2008. Diagnostic accuracy of 64-slice computed tomography coronary angiography: a prospective, multicenter, multivendor study. *Journal of the American College of Cardiology*, 52(25): 2135-2144. doi:10.1016/j.jacc.2008.08.058
- Morbiducci, U., Kok, A.M., Kwak, B.R., Stone, P.H., Steinman, D.A. and Wentzel, J.J., 2016. Atherosclerosis at arterial bifurcations: evidence for the role of haemodynamics and geometry. *Thromb Haemost*, 115(3), pp.484-492.
- Oikonomou, E., Latsios, G., Vogiatzi, G., Tousoulis, D., 2017. Atherosclerotic plaque, in: *Coronary Artery Disease: From Biology to Clinical Practice*.

- Elsevier, pp. 31–41. doi:10.1016/B978-0-12-811908-2.00003-9
- Pfleiderer, T., Ludwig, J., Ropers, D., Daniel, W.G. and Achenbach, S., 2006. Measurement of coronary artery bifurcation angles by multidetector computed tomography. *Investigative radiology*, 41(11), pp.793-798.
- Popa, L.E., Petrescu, B., Cătană, C., Moldovanu, C.G., Feier, D.S., Lebovici, A., Schiau, C., Rancea, R.A., Molnar, A. and Buruian, M.M., 2020. Association between cardiovascular risk factors and coronary artery disease assessed using CAD-RADS classification: a cross-sectional study in Romanian population. *BMJ open*, 10(1), p.e031799.
- Rafieian-Kopaei, M., Setorki, M., Doudi, M., Baradaran, A. and Nasri, H., 2014. Atherosclerosis: process, indicators, risk factors and new hopes. *International journal of preventive medicine*, 5(8), p.927.
- Reig, J. and Petit, M., 2004. Main trunk of the left coronary artery: anatomic study of the parameters of clinical interest. *Clinical Anatomy: The Official Journal of the American Association of Clinical Anatomists and the British Association of Clinical Anatomists*, 17(1), pp.6-13.
- Rodriguez-Granillo, G.A., Rosales, M.A., Degrossi, E., Durbano, I. and Rodriguez, A.E., 2007. Multislice CT coronary angiography for the detection of burden, morphology and distribution of atherosclerotic plaques in the left main bifurcation. *The international journal of cardiovascular imaging*, 23(3), pp.389-392.
- Sanchis-Gomar, F., Perez-Quilis, C., Leischik, R. and Lucia, A., 2016. Epidemiology of coronary heart disease and acute coronary syndrome. *Annals of translational medicine*, 4(13).
- Sastroasmoro, S., Ismail, S., 1995. *Dasar-dasar Metodologi Penelitian Klinis*. Binarupa Aksara, Jakarta.
- Smuclovsky, C., 2010. *Coronary Artery CTA*. 2nd ed., Springer. doi:10.1007/978-1-4419-0431-7
- Sun, Z., 2013. *Coronary Computed Tomography Angiography in Coronary Artery Disease*, Nova Science Publishers, Inc., New York
- Sun, Z. and Cao, Y., 2011. Multislice CT angiography assessment of left coronary artery: correlation between bifurcation angle and dimensions and development of coronary artery disease. *European Journal of Radiology*, 79(2), pp.e90-e95.
- Tanaka, K., Masuda, J., Imamura, T., Sueishi, K., Nakashima, T., Sakurai, I., Shozawa, T., Hosoda, Y., Yoshida, Y., Nishiyama, Y. and Yutani, C., 1988. A nation-wide study of atherosclerosis in infants, children and young adults in Japan. *Atherosclerosis*, 72(2-3), pp.143-156.
- Temov, K. and Sun, Z., 2016. Coronary computed tomography angiography investigation of the association between left main coronary artery bifurcation angle and risk factors of coronary artery disease. *The international journal of cardiovascular imaging*, 32(1), pp.129-137.
- Thylstrup, A., Fejerskov, O., 1986. *Textbook of cardiology* [Online]. Available at: https://www.textbookofcardiology.org/wiki/Coronary_Disease (Accessed: 13 July 2020).
- Topol, E.J., Teirstein, P.S., 2016. *Textbook of Interventional Cardiology*, 7th ed,

- Elsevier, Inc., Philadelphia
- Wang, T., Palucci, D., Law, K., Yanagawa, B., Yam, J. and Butany, J., 2012. Atherosclerosis: pathogenesis and pathology. *Diagnostic Histopathology*, 18(11), pp.461-467.
- Wasilewski, J., Niedziela, J., Osadnik, T., Duszańska, A., Sraga, W., Desperak, P., Myga-Porosiło, J., Jackowska, Z., Nowakowski, A. and Głowacki, J., 2015. Predominant location of coronary artery atherosclerosis in the left anterior descending artery. The impact of septal perforators and the myocardial bridging effect. *Kardiochirurgia i torakochirurgia polska= Polish journal of cardio-thoracic surgery*, 12(4), p.379.
- World Health Organization, 2017. Fact sheet: Cardiovascular diseases (CVDs). [Online]. Available at: [https://www.who.int/news-room/fact-sheets/detail/cardiovascular-diseases-\(cvds\)](https://www.who.int/news-room/fact-sheets/detail/cardiovascular-diseases-(cvds)) / (Accessed: 27 May 2020)
- World Health Organization Noncommunicable Diseases. 2018. Indonesia. World Health Organization-Noncommunicable Diseases (NCD) Country Profile, 2018
- Wicaksono, S.H., Kasim, M., Nugroho, J. and Zamzami, C.A., 2016. Panduan Interpretasi dan Pelaporan Angiografi Koroner dengan Tomografi Komputer. *Jurnal Kardiologi Indonesia* • Vol, 37(2).
- Williams, M.C., Newby, D.E. and Nicol, E.D., 2019. Coronary atherosclerosis imaging by CT to improve clinical outcomes. *Journal of cardiovascular computed tomography*, 13(5), pp.281-287.
- Xu, L. and Sun, Z., 2015. Coronary CT angiography evaluation of calcified coronary plaques by measurement of left coronary bifurcation angle. *International journal of cardiology*, 182, pp.229-231.
- Zeb, I., Abbas, N., Nasir, K. and Budoff, M.J., 2014. Coronary computed tomography as a cost-effective test strategy for coronary artery disease assessment—a systematic review. *Atherosclerosis*, 234(2), pp.426-435.