

DAFTAR PUSTAKA

- Agatston, A.S., Janowitz, W.R., Hildner, F.J., Zusmer, N.R., Viamonte, M., *et al.*, 1990. Quantification of coronary artery calcium using ultrafast computed tomography. *J. Am. Coll. Cardiol.* 15: 827–832. doi:[https://doi.org/10.1016/0735-1097\(90\)90282-T](https://doi.org/10.1016/0735-1097(90)90282-T)
- Agha, A.M., Pacor, J., Grandhi, G.R., Mszar, R., Khan, S.U., *et al.*, 2022. The prognostic value of CAC zero among individuals presenting with chest pain: a meta-analysis. *Cardiovasc. Imaging* 15: 1745–1757.
- Allahverdiyan, S., Chehroudi, A.C., McManus, B.M., Abraham, T., & Francis, G.A., 2014. Contribution of intimal smooth muscle cells to cholesterol accumulation and macrophage-like cells in human atherosclerosis. *Circulation* 129: 1551–1559.
- Álvarez Tamargo, J.A., Barriales Álvarez, V., Sanmartín Pena, J.C., Hevia Nava, S., Veganzones Bayón, A., *et al.*, 2001. Correlación angiográfica de los criterios de alto riesgo para ergometría convencional y el índice de Duke. *Rev. Española Cardiol.* 54: 860–867. doi:10.1016/S0300-8932(01)76412-3
- Badan Kebijakan Pembangunan Kesehatan, 2024. Laporan Survei Kesehatan Indonesia (SKI) 2023. Kementerian Kesehatan Republik Indonesia, Jakarta.
- Barat, S., Turcan, A., Manica, Ş., Maksymyuk, V., Dombrovsky, D., *et al.*, 2024. Hybrid vascular approach reduces the intensive care unit stay in patients with chronically threatening limb ischemia and multilevel atherosclerotic lesions. *Neonatal. Surg. Perinat. Med.* 108–112.
- Björkegren, J.L.M., & Lusis, A.J., 2022. Atherosclerosis: recent developments. *Cell* 185: 1630–1645.
- Bourque, J.M., & Beller, G.A., 2015. Value of exercise ECG for risk stratification in suspected or known CAD in the era of advanced imaging technologies. *Cardiovasc. Imaging* 8: 1309–1321.
- Brix, G.S., Rasmussen, L.D., Rohde, P.D., Schmidt, S.E., Nyegaard, M., *et al.*, 2024. Calcium scoring improves clinical management in patients with low clinical likelihood of coronary artery disease. *Cardiovasc. Imaging* 17: 625–639.
- Brown, J.C., Gerhardt, T.E., & Kwon, E., 2023. Risk factors for coronary artery disease, in: StatPearls [Internet]. StatPearls Publishing.
- Budoff, M.J., Dowe, D., Jollis, J.G., Gitter, M., Sutherland, J., *et al.*, 2008. Diagnostic Performance of 64-Multidetector Row Coronary Computed Tomographic Angiography for Evaluation of Coronary Artery Stenosis in Individuals Without Known Coronary Artery Disease. *J. Am. Coll. Cardiol.* 52: 1724–1732. doi:10.1016/j.jacc.2008.07.031
- Chaitman, B.R., Bourassa, M.G., Davis, K., Rogers, W.J., Tyras, D.H., *et al.*, 1981. Angiographic prevalence of high-risk coronary artery disease in patient subsets (CASS). *Circulation* 64: 360–367.
- Cho, Y., Shimura, S., Aki, A., Furuya, H., Okada, K., *et al.*, 2016. The SYNTAX score is correlated with long-term outcomes of coronary artery bypass grafting for complex coronary artery lesions. *Interact. Cardiovasc. Thorac. Surg.* 23: 125–132. doi:10.1093/icvts/ivw057

- Cury, R.C., Leipsic, J., Abbara, S., Achenbach, S., Berman, D., *et al.*, 2022. CAD-RADS™ 2.0 - 2022 Coronary Artery Disease-Reporting and Data System: An Expert Consensus Document of the Society of Cardiovascular Computed Tomography (SCCT), the American College of Cardiology (ACC), the American College of Radiology (ACR), and the No. *J. Cardiovasc. Comput. Tomogr.* 16: 536–557. doi:<https://doi.org/10.1016/j.jcct.2022.07.002>
- De Bruyne, B., Pijls, N.H.J., Kalesan, B., Barbato, E., Tonino, P.A.L., *et al.*, 2012. Fractional flow reserve–guided PCI versus medical therapy in stable coronary disease. *N. Engl. J. Med.* 367: 991–1001.
- De Lemos, J., & Omland, T., 2017. Chronic Coronary Artery Disease: A Companion to Braunwald’s Heart Disease E-Book: A Companion to Braunwald’s Heart Disease. Elsevier Health Sciences.
- Demer, L.L., & Tintut, Y., 2008. Vascular calcification: pathobiology of a multifaceted disease. *Circulation* 117: 2938–2948.
- Douglas, P.S., Hoffmann, U., Patel, M.R., Mark, D.B., Al-Khalidi, H.R., *et al.*, 2015. Outcomes of Anatomical versus Functional Testing for Coronary Artery Disease. *N. Engl. J. Med.* 372: 1291–1300. doi:10.1056/NEJMoa1415516
- Douglas, P.S., Nanna, M.G., Kelsey, M.D., Yow, E., Mark, D.B., *et al.*, 2023. Comparison of an initial risk-based testing strategy vs usual testing in stable symptomatic patients with suspected coronary artery disease: the PRECISE randomized clinical trial. *JAMA Cardiol.* 8: 904–914.
- Escaned, J., Collet, C., Ryan, N., Luigi De Maria, G., Walsh, S., *et al.*, 2017. Clinical outcomes of state-of-the-art percutaneous coronary revascularization in patients with de novo three vessel disease: 1-year results of the SYNTAX II study. *Eur. Heart J.* 38: 3124–3134.
- Esper, R.J., Nordaby, R.A., Vilariño, J.O., Paragano, A., Cacharrón, J.L., *et al.*, 2006. Endothelial dysfunction: a comprehensive appraisal. *Cardiovasc. Diabetol.* 5: 4.
- Evans, C.H., & White, R.D., 2009. Exercise testing for primary care and sports medicine physicians. Springer Science & Business Media.
- Farooq, V., van Klaveren, D., Steyerberg, E.W., Meliga, E., Vergouwe, Y., *et al.*, 2013. Anatomical and clinical characteristics to guide decision making between coronary artery bypass surgery and percutaneous coronary intervention for individual patients: development and validation of SYNTAX score II. *Lancet* 381: 639–650. doi:10.1016/S0140-6736(13)60108-7
- Fearon, W.F., Nishi, T., De Bruyne, B., Boothroyd, D.B., Barbato, E., *et al.*, 2018. Clinical outcomes and cost-effectiveness of fractional flow reserve–guided percutaneous coronary intervention in patients with stable coronary artery disease: three-year follow-up of the FAME 2 trial (fractional flow reserve versus angiography for multive. *Circulation* 137: 480–487.
- Ferrari, R., Abergel, H., Ford, I., Fox, K.M., Greenlaw, N., *et al.*, 2013. Gender- and age-related differences in clinical presentation and management of outpatients with stable coronary artery disease. *Int. J. Cardiol.* 167: 2938–2943.
- Fihn, S.D., Blankenship, J.C., Alexander, K.P., Bittl, J.A., Byrne, J.G., *et al.*, 2014. 2014 ACC/AHA/AATS/PCNA/SCAI/STS focused update of the guideline for

- the diagnosis and management of patients with stable ischemic heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines, a. *J. Am. Coll. Cardiol.* 64: 1929–1949.
- Fisher, E.A., Feig, J.E., Hewing, B., Hazen, S.L., & Smith, J.D., 2012. High-density lipoprotein function, dysfunction, and reverse cholesterol transport. *Arterioscler. Thromb. Vasc. Biol.* 32: 2813–2820.
- Fletcher, G.F., Ades, P.A., Kligfield, P., Arena, R., Balady, G.J., *et al.*, 2013. Exercise standards for testing and training: a scientific statement from the American Heart Association. *Circulation* 128: 873–934.
- Froelicher, V.F., & Myers, J.N., 2006. Manual of Exercise Testing E-Book. Elsevier Health Sciences.
- Garg, S., Serruys, P.W., Silber, S., Wykrzykowska, J., van Geuns, R.J., *et al.*, 2011. The prognostic utility of the SYNTAX score on 1-year outcomes after revascularization with zotarolimus-and everolimus-eluting stents: a substudy of the RESOLUTE All Comers Trial. *JACC Cardiovasc. Interv.* 4: 432–441.
- Garner, M., Lehrenfeld, C., Metz, F., Klein-Wiele, O., Brandts, B., *et al.*, 2019. False-Positive Calcifications and Radiation Dose in Coronary Artery Calcium Scoring Using Iterative Reconstruction on The Basis of a Noise Threshold. *Radiol. Med. Diagnostic Imaging* 1–6. doi:10.31487/j.RDI.2019.04.01
- Gianrossi, R., Detrano, R., Mulvihill, D., Lehmann, K., Dubach, P., *et al.*, 1989. Exercise-induced ST depression in the diagnosis of coronary artery disease. A meta-analysis. *Circulation* 80: 87–98.
- Gibbons, R.J., & Antman, E.M., 2002. ACC/AHA 2002 guideline update for exercise testing. *Am. Coll. Cardiol. Found. Am. Hear. Assoc.*
- Gibbons, R.J., Balady, G.J., Timothy Bricker, J., Chaitman, B.R., Fletcher, G.F., *et al.*, 2002. ACC/AHA 2002 guideline update for exercise testing: summary article: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Committee to Update the 1997 Exercise Testing Guidelines). *J. Am. Coll. Cardiol.* 40: 1531–1540.
- Gottlieb, I., Miller, J.M., Arbab-Zadeh, A., Dewey, M., Clouse, M.E., *et al.*, 2010. The Absence of Coronary Calcification Does Not Exclude Obstructive Coronary Artery Disease or the Need for Revascularization in Patients Referred for Conventional Coronary Angiography. *J. Am. Coll. Cardiol.* 55: 627–634. doi:10.1016/j.jacc.2009.07.072
- Gross, M.-L., Meyer, H.-P., Ziebart, H., Rieger, P., Wenzel, U., *et al.*, 2007. Calcification of coronary intima and media: immunohistochemistry, backscatter imaging, and x-ray analysis in renal and nonrenal patients. *Clin. J. Am. Soc. Nephrol.* 2: 121–134.
- Günaydın, Z.Y., Bektaş, O., Gürel, Y.E., Karagöz, A., Kaya, A., *et al.*, 2016. The value of the Duke treadmill score in predicting the presence and severity of coronary artery disease. *Polish Hear. J. (Kardiologia Pol.* 74: 127–134.
- Hadi, N., Khan, L., Ahmad, F., & Javaid, M., 2025. The Impact of Coronary Calcium Scores on the Development of Myocardial Ischemia: An Analysis of Associated Risk Factors. *Cureus* 17.
- Hara, H., Shiomi, H., van Klaveren, D., Kent, D.M., Steyerberg, E.W., *et al.*, 2021. External Validation of the SYNTAX Score II 2020. *J. Am. Coll. Cardiol.* 78:

- 1227–1238. doi:10.1016/j.jacc.2021.07.027
- Hecht, H.S., Cronin, P., Blaha, M.J., Budoff, M.J., Kazerooni, E.A., *et al.*, 2017. 2016 SCCT/STR guidelines for coronary artery calcium scoring of noncontrast noncardiac chest CT scans: A report of the Society of Cardiovascular Computed Tomography and Society of Thoracic Radiology. *J. Cardiovasc. Comput. Tomogr.* 11: 74–84. doi:10.1016/j.jcct.2016.11.003
- Hermida, N., & Balligand, J.-L., 2014. Low-density lipoprotein-cholesterol-induced endothelial dysfunction and oxidative stress: the role of statins. *Antioxid. Redox Signal.* 20: 1216–1237.
- Horiguchi, J., Fukuda, H., Yamamoto, H., Hirai, N., Alam, F., *et al.*, 2007. The impact of motion artifacts on the reproducibility of repeated coronary artery calcium measurements. *Eur. Radiol.* 17: 81–86. doi:10.1007/s00330-006-0278-2
- Huang, W., Huang, Z., Koh, N.S.Y., Ho, J.S., Chua, T.S.J., *et al.*, 2020. Adding coronary calcium score to exercise treadmill test: An alternative to refine coronary artery disease risk stratification in patients with intermediate risk chest pain. *Glob. Heart* 15: 22.
- Jebari-Benslaiman, S., Galicia-García, U., Larrea-Sebal, A., Olaetxea, J.R., Alloza, I., *et al.*, 2022. Pathophysiology of atherosclerosis. *Int. J. Mol. Sci.* 23: 3346.
- Kalra, S.S., & Shanahan, C.M., 2012. Vascular calcification and hypertension: cause and effect. *Ann. Med.* 44: S85–S92.
- Knuuti, J., Ballo, H., Juarez-Orozco, L.E., Saraste, A., Kolh, P., *et al.*, 2018. The performance of non-invasive tests to rule-in and rule-out significant coronary artery stenosis in patients with stable angina: a meta-analysis focused on post-test disease probability. *Eur. Heart J.* 39: 3322–3330.
- Kruk, M., Noll, D., Achenbach, S., Mintz, G.S., Pręgowski, J., *et al.*, 2014. Impact of Coronary Artery Calcium Characteristics on Accuracy of CT Angiography. *JACC Cardiovasc. Imaging* 7: 49–58. doi:10.1016/j.jcmg.2013.07.013
- Lawton, J.S., Tamis-Holland, J.E., Bangalore, S., Bates, E.R., Beckie, T.M., *et al.*, 2022. 2021 ACC/AHA/SCAI Guideline for Coronary Artery Revascularization: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. *Circulation* 145. doi:10.1161/CIR.0000000000001038
- Libby, P., & Theroux, P., 2005. Pathophysiology of coronary artery disease. *Circulation* 111: 3481–3488.
- Lilly, L.S., 2016. Pathophysiology of Heart Disease: A Collaborative Project of Medical Students and Faculty, 6e. Lippincott Williams & Wilkins.
- Lilly, L.S., 2011. Pathophysiology of heart disease: a collaborative project of medical students and faculty. Lippincott Williams & Wilkins.
- Lin, T.-H., Lee, W.-L., Lee, W.-J., Sheu, W.H.-H., Liao, Y.-C., *et al.*, 2021. Dyslipidemia, Not Inflammatory Markers or Adipokines, Contributes Significantly to a Higher SYNTAX Score in Stable Coronary Artery Disease (from the Taichung CAD Study). *Acta Cardiol. Sin.* 37: 232–238. doi:10.6515/ACS.202105_37(3).20201116B
- Madhavan, M. V, Tarigopula, M., Mintz, G.S., Maehara, A., Stone, G.W., *et al.*, 2014. Coronary artery calcification: pathogenesis and prognostic implications.

- J. Am. Coll. Cardiol.* 63: 1703–1714.
- Mark, D.B., Hlatky, M.A., Harrell Jr, F.E., LEE, K.L., CALIFF, R.M., *et al.*, 1987. Exercise treadmill score for predicting prognosis in coronary artery disease. *Ann. Intern. Med.* 106: 793–800.
- Mayasari, N.M.E., Arso, I.A., & Maharani, E., 2017. Diagnostic Value of Duke Treadmill Score in Predicting Coronary Lesions Severity in Patients with Suspected Stable Coronary Artery Diseases. *Indones. J. Cardiol.* 65–74. doi:10.30701/ijc.v37i2.565
- Mehta, P.K., Bess, C., Elias-Smale, S., Vaccarino, V., Quyyumi, A., *et al.*, 2019. Gender in cardiovascular medicine: chest pain and coronary artery disease. *Eur. Heart J.* 40: 3819–3826.
- Modolo, R., Chichareon, P., van Klaveren, D., Dressler, O., Zhang, Y., *et al.*, 2020. Impact of non-respect of SYNTAX score II recommendation for surgery in patients with left main coronary artery disease treated by percutaneous coronary intervention: an EXCEL substudy. *Eur. J. Cardio-thoracic Surg.* 57: 676–683.
- Mohamed, M., Bossertdt, M., Wieske, V., Dubourg, B., Alkadhi, H., *et al.*, 2024. Combination of computed tomography angiography with coronary artery calcium score for improved diagnosis of coronary artery disease: a collaborative meta-analysis of stable chest pain patients referred for invasive coronary angiography. *Eur. Radiol.* 34: 2426–2436.
- Mohammad, M.A., Stone, G.W., Koul, S., Olivecrona, G.K., Bergman, S., *et al.*, 2022. On the Natural History of Coronary Artery Disease: A Longitudinal Nationwide Serial Angiography Study. *J. Am. Heart Assoc.* 11: e026396. doi:10.1161/JAHA.122.026396
- Mohr, F.W., Morice, M.-C., Kappetein, A.P., Feldman, T.E., Stähle, E., *et al.*, 2013. Coronary artery bypass graft surgery versus percutaneous coronary intervention in patients with three-vessel disease and left main coronary disease: 5-year follow-up of the randomised, clinical SYNTAX trial. *Lancet* 381: 629–638.
- Montalescot, G., Sechtem, U., Achenbach, S., Andreotti, F., Arden, C., *et al.*, 2013. 2013 ESC guidelines on the management of stable coronary artery disease: the Task Force on the management of stable coronary artery disease of the European Society of Cardiology. *Eur. Heart J.* 34: 2949–3003.
- Mortensen, M.B., Gaur, S., Frimmer, A., Bøtker, H.E., Sørensen, H.T., *et al.*, 2022. Association of Age With the Diagnostic Value of Coronary Artery Calcium Score for Ruling Out Coronary Stenosis in Symptomatic Patients. *JAMA Cardiol.* 7: 36. doi:10.1001/jamacardio.2021.4406
- Mundi, S., Massaro, M., Scoditti, E., Carluccio, M.A., Van Hinsbergh, V.W.M., *et al.*, 2018. Endothelial permeability, LDL deposition, and cardiovascular risk factors—A review. *Cardiovasc. Res.* 114: 35–52.
- Nakamura, S., Ishibashi-Ueda, H., Niizuma, S., Yoshihara, F., Horio, T., *et al.*, 2009. Coronary calcification in patients with chronic kidney disease and coronary artery disease. *Clin. J. Am. Soc. Nephrol.* 4: 1892–1900.
- Neumann, F.-J., Sousa-Uva, M., Ahlsson, A., Alfonso, F., Banning, A.P., *et al.*, 2019. 2018 ESC/EACTS Guidelines on myocardial revascularization. *Eur.*

Heart J. 40: 87–165.

- Neves, P.O., Andrade, J., & Monção, H., 2017. Coronary artery calcium score: current status. *Radiol. Bras.* 50: 182–189.
- Newby, D.E., Adamson, P.D., Berry, C., Boon, N., Dweck, M.R., *et al.*, 2015. CT coronary angiography in patients with suspected angina due to coronary heart disease (SCOT-HEART): an open-label, parallel-group, multicentre trial. *Lancet* 385: 2383–2391. doi:10.1016/S0140-6736(15)60291-4
- Nicoll, R., Wiklund, U., Zhao, Y., Diederichsen, A., Mickley, H., *et al.*, 2016. The coronary calcium score is a more accurate predictor of significant coronary stenosis than conventional risk factors in symptomatic patients: Euro-CCAD study. *Int. J. Cardiol.* 207: 13–19.
- Onnis, C., Virmani, R., Kawai, K., Nardi, V., Lerman, A., *et al.*, 2024. Coronary artery calcification: current concepts and clinical implications. *Circulation* 149: 251–266.
- Özyılmaz, S., Alışır, M.F., Serdar, O.A., & Uzaslan, E., 2016. The value of coronary artery calcium score in the early diagnosis of coronary artery disease in patients with stable chronic obstructive pulmonary disease. *Anatol. J. Cardiol. Kardiyol. Derg.* 16.
- Pack, J.D., Xu, M., Wang, G., Baskaran, L., Min, J., *et al.*, 2022. Cardiac CT blooming artifacts: clinical significance, root causes and potential solutions. *Vis. Comput. Ind. Biomed. art* 5: 29.
- Peterson, P.N., Magid, D.J., Ross, C., Ho, P.M., Rumsfeld, J.S., *et al.*, 2008. Association of exercise capacity on treadmill with future cardiac events in patients referred for exercise testing. *Arch. Intern. Med.* 168: 174–179.
- Pignone, M., Fowler-Brown, A., Pletcher, M., & Tice, J.A., 2003. Screening for Asymptomatic Coronary Artery Disease. U.S. Preventive Services Task Force Evidence Syntheses, formerly Systematic Evidence Reviews.
- Pinkstaff, S., Peberdy, M.A., Kontos, M.C., Fabiato, A., Finucane, S., *et al.*, 2011. Overestimation of Aerobic Capacity With the Bruce Treadmill Protocol in Patients Being Assessed for Suspected Myocardial Ischemia. *J. Cardiopulm. Rehabil. Prev.* 31: 254–260. doi:10.1097/HCR.0b013e318211e3ed
- Proudfoot, D., & Shanahan, C.M., 2001. Biology of calcification in vascular cells: intima versus media. *Herz* 26: 245–251.
- Puri, R., Nissen, S.E., Ballantyne, C.M., Barter, P.J., Chapman, M.J., *et al.*, 2013. Factors underlying regression of coronary atheroma with potent statin therapy. *Eur. Heart J.* 34: 1818–1825.
- Radi, B., Arso, I.A., Sarvasti, D., Tadjoeidin, Y., & Tjahjono, C.T., 2016. PEDOMAN UJI LATIH JANTUNG : Prosedur dan Interpretasi, Edisi 1. ed. PERKI, Jakarta.
- Rasmussen, L.D., Schmidt, S.E., Knuuti, J., Newby, D.E., Singh, T., *et al.*, 2024. Exercise electrocardiography for pre-test assessment of the likelihood of coronary artery disease. *Heart* 110: 263–270.
- Rasmussen, L.D., Williams, M.C., Newby, D.E., Dahl, J.N., Schmidt, S.E., *et al.*, 2023. External validation of novel clinical likelihood models to predict obstructive coronary artery disease and prognosis. *Open Hear.* 10: e002457.
- Reeh, J., Therning, C.B., Heitmann, M., Højberg, S., Sørup, C., *et al.*, 2019.

- Prediction of obstructive coronary artery disease and prognosis in patients with suspected stable angina. *Eur. Heart J.* 40: 1426–1435.
- Roger, V.L., Weston, S.A., Killian, J.M., Pfeifer, E.A., Belau, P.G., *et al.*, 2001. Time trends in the prevalence of atherosclerosis: a population-based autopsy study. *Am. J. Med.* 110: 267–273.
- Sarwar, A., Shaw, L.J., Shapiro, M.D., Blankstein, R., Hoffman, U., *et al.*, 2009. Diagnostic and prognostic value of absence of coronary artery calcification. *JACC Cardiovasc. Imaging* 2: 675–688.
- Serruys, P.W., Hara, H., Garg, S., Kawashima, H., Nørgaard, B.L., *et al.*, 2021. Coronary computed tomographic angiography for complete assessment of coronary artery disease: JACC state-of-the-art review. *J. Am. Coll. Cardiol.* 78: 713–736.
- Serruys, P.W., Morice, M.-C., Kappetein, A.P., Colombo, A., Holmes, D.R., *et al.*, 2009. Percutaneous Coronary Intervention versus Coronary-Artery Bypass Grafting for Severe Coronary Artery Disease. *N. Engl. J. Med.* 360: 961–972. doi:10.1056/NEJMoa0804626
- Shaw, L.J., Blankstein, R., Bax, J.J., Ferencik, M., Bittencourt, M.S., *et al.*, 2021. Society of Cardiovascular Computed Tomography / North American Society of Cardiovascular Imaging – Expert Consensus Document on Coronary CT Imaging of Atherosclerotic Plaque. *J. Cardiovasc. Comput. Tomogr.* 15: 93–109. doi:10.1016/j.jcct.2020.11.002
- Shaw, L.J., Peterson, E.D., Shaw, L.K., Kesler, K.L., DeLong, E.R., *et al.*, 1998. Use of a prognostic treadmill score in identifying diagnostic coronary disease subgroups. *Circulation* 98: 1622–1630.
- Sianos, G., Morel, M.-A., Kappetein, A.P., Morice, M.-C., Colombo, A., *et al.*, 2005. The SYNTAX Score: an angiographic tool grading the complexity of coronary artery disease. *EuroIntervention* 1: 219–227.
- Singh, T., Bing, R., Dweck, M.R., van Beek, E.J.R., Mills, N.L., *et al.*, 2020. Exercise electrocardiography and computed tomography coronary angiography for patients with suspected stable angina pectoris: a post hoc analysis of the randomized SCOT-HEART trial. *JAMA Cardiol.* 5: 920–928.
- Strydom, H.C., Chandler, A.B., Glagov, S., Guyton, J.R., Insull Jr, W., *et al.*, 1994. A definition of initial, fatty streak, and intermediate lesions of atherosclerosis. A report from the Committee on Vascular Lesions of the Council on Arteriosclerosis, American Heart Association. *Circulation* 89: 2462–2478.
- Sung, W.-T., Chuang, M.-J., Tsai, Y.-L., Chou, R.-H., Chang, C.-C., *et al.*, 2024. Impacts of the SYNTAX score I, II and SYNTAX score II 2020 on left main revascularization. *Sci. Rep.* 14: 1073.
- Symons, R., Zimmerman, S.L., & Bluemke, D.A., 2019. CMR and CT of the Patient With Cardiac Devices. *JACC Cardiovasc. Imaging* 12: 890–903. doi:10.1016/j.jcmg.2018.09.030
- Takahashi, K., Serruys, P.W., Fuster, V., Farkouh, M.E., Spertus, J.A., *et al.*, 2020. Redevelopment and validation of the SYNTAX score II to individualise decision making between percutaneous and surgical revascularisation in patients with complex coronary artery disease: secondary analysis of the multicentre randomised controlled SYNTAXES. *Lancet* 396: 1399–1412.

- Vella, C.A., & Robergs, R.A., 2005. A review of the stroke volume response to upright exercise in healthy subjects. *Br. J. Sports Med.* 39: 190–195.
- Vrints, C., Andreotti, F., Koskinas, K.C., Rossello, X., Adamo, M., *et al.*, 2024. 2024 ESC guidelines for the management of chronic coronary syndromes: developed by the task force for the management of chronic coronary syndromes of the European Society of Cardiology (ESC) endorsed by the European Association for Cardio-Thoracic Surgery. *Eur. Heart J.* 45: 3415–3537.
- Williams, M.C., Kwiecinski, J., Doris, M., McElhinney, P., D’Souza, M.S., *et al.*, 2020. Low-Attenuation Noncalcified Plaque on Coronary Computed Tomography Angiography Predicts Myocardial Infarction. *Circulation* 141: 1452–1462. doi:10.1161/CIRCULATIONAHA.119.044720
- Winther, S., Schmidt, S.E., Mayrhofer, T., Bøtker, H.E., Hoffmann, U., *et al.*, 2020. Incorporating coronary calcification into pre-test assessment of the likelihood of coronary artery disease. *J. Am. Coll. Cardiol.* 76: 2421–2432.
- Winther, S., Schmidt, S.E., Rasmussen, L.D., Juárez Orozco, L.E., Steffensen, F.H., *et al.*, 2021. Validation of the European Society of Cardiology pre-test probability model for obstructive coronary artery disease. *Eur. Heart J.* 42: 1401–1411.
- Wykrzykowska, J.J., Garg, S., Girasis, C., De Vries, T., Morel, M.-A., *et al.*, 2010. Value of the SYNTAX score for risk assessment in the all-comers population of the randomized multicenter LEADERS (Limus Eluted from A Durable versus ERodable Stent coating) trial. *J. Am. Coll. Cardiol.* 56: 272–277.
- Xie, Z., Hou, J., Yu, H., Jia, H., Du, H., *et al.*, 2016. Patterns of coronary plaque progression. *Coron. Artery Dis.* 27: 658–666. doi:10.1097/MCA.0000000000000420
- Yan, L., Guo, L., Zhang, F., & Gao, W., 2011. The Relationship Between Kidney Function and Angiographically-Derived SYNTAX Score. *Can. J. Cardiol.* 27: 768–772. doi:10.1016/j.cjca.2011.04.004
- Yu, X.-H., Fu, Y.-C., Zhang, D.-W., Yin, K., & Tang, C.-K., 2013. Foam cells in atherosclerosis. *Clin. Chim. acta* 424: 245–252.
- Zhang, B., Gu, J., Qian, M., Niu, L., Zhou, H., *et al.*, 2017. Correlation between quantitative analysis of wall shear stress and intima-media thickness in atherosclerosis development in carotid arteries. *Biomed. Eng. Online* 16: 137.
- Zhang, Y.-J., Iqbal, J., Campos, C.M., Klaveren, D. V, Bourantas, C. V, *et al.*, 2014. Prognostic value of site SYNTAX score and rationale for combining anatomic and clinical factors in decision making: insights from the SYNTAX trial. *J. Am. Coll. Cardiol.* 64: 423–432.
- Zhou, J., Li, C., Cong, H., Duan, L., Wang, H., *et al.*, 2022. Comparison of different investigation strategies to defer cardiac testing in patients with stable chest pain. *Cardiovasc. Imaging* 15: 91–104.