

DAFTAR PUSTAKA

- Abreu, D., Cabral, M. S., & Ribeiro, F. 2014. *IJC Heart & Vessels Factors associated with longer delays in reperfusion in ST-segment elevation myocardial infarction*. 4, 97–101.
- Adler, Y., Zafrir, N., Ben-Gal, T., Lulu, O. B., Maynard, C., Sclarovsky, S., *et al.* 2000. Relation between evolutionary ST segment and T-wave direction and electrocardiographic prediction of myocardial infarct size and left ventricular function among patients with anterior wall Q-wave acute myocardial infarction who received reperfusion therapy. *The American journal of cardiology*, 85, 927-933.
- Arso, I.A., Setianto, B.Y., Taufiq, N., Hartopo, A.B., 2014. In-hospital major cardiovascular events between STEMI receiving thrombolysis therapy and primary PCI. *Acta Med. Indones.* 46: 124–130.
- Arsana, P. M., Rosandi, R., Manaf, A., Budhiarta, A., Permana, H., Sucipta, K. W., Lindarto, D., Adi, S., Pramono, B., Harbuwono, D. S., Shahab, A., Sugiarto, Karimi, J., Purnomo, L. B., Yuwono, A., & Suhartono, T. (2019). *Panduan Pengelolaan Dislipidemia* (third). PB. PERKENI.
- Antman, E.M., and Braunwald E., 2008. *ST Elevation Myocardial Infarction: Pathology, Pathophysiology and Clinical Feature. Braunwald's Heart Disease: A Textbook of Cardiovascular*. McGraw-Hill. New York. U.S.A.
- Apple, F.S., Henry, T.D., Berger, C.R., Landt, Y.A., 1995. Early Monitoring of Serum Cardiac Troponin I for Assessment of Coronary Reperfusion Following Thrombolytic Therapy. *Am. J. Clin. Pathol.* 105.
- BALITBANGKES. (2018). *Hasil Utama RISKESDAS 2018*.
- Bailey, K. R., Armstrong, P. W., Zheng, Y., Brass, N., Tyrrell, B. D., Leung, R., *et al.* 2019. Pharmacoinvasive strategy versus primary percutaneous coronary intervention in ST-elevation myocardial infarction in clinical practice: insights from the vital heart response registry. *Circulation: Cardiovascular Interventions*, 12, e008059.
- Baltazar, R. 2009. Acute Coronary Syndrome: ST Elevation Myocardial Infarction. *Basic and bedside electrocardiography. 1st edition. Baltimore: Lippincott Williams and Wilkins*, 337-339.
- Bang, L. E., Ripa, R. S., Grande, P., Kastrup, J., Clemmensen, P. M. dan Wagner, G. S. 2008. Comparison of infarct size changes with delayed contrast-enhanced magnetic resonance imaging and electrocardiogram QRS scoring during the 6 months after acutely reperfused myocardial infarction. *Journal of electrocardiology*, 41, 609-613.
- Bender, J., Russell, K., Rosenfeld, L. dan Chaundry, S. 2011. Risk factors for coronary artery disease: Preventive cardiology. Oxford American Handbook of Cardiology. New York: Oxford.
- Birnbaum, Y. dan Strasberg, B. 2000. The predischarge electrocardiographic pattern in anterior acute myocardial infarction: relation between evolutionary ST segment and T-wave configuration and prediction of myocardial infarct size and left ventricular systolic function by the QRS Selvester score. *Journal of electrocardiology*, 33, 73-80.
- Borgia, F., Goodman, S. G., Halvorsen, S., Cantor, W. J., Piscione, F., Le May, M. R., *et al.* 2010. Early routine percutaneous coronary intervention after fibrinolysis vs. standard therapy in ST-segment elevation myocardial infarction: a meta-analysis. *European heart journal*, 31, 2156-2169.

- Carlsen, E. A., Bang, L. E., Ahtarovski, K. A., Engstrøm, T., Køber, L., Kelbæk, H., *et al.* 2012. Comparison of Selvester QRS score with magnetic resonance imaging measured infarct size in patients with ST elevation myocardial infarction. *Journal of electrocardiology*, 45, 414-419.
- Cham, B. E. dan Chase, T. R. 2013. Intravascular infusion of autologous delipidated plasma induces antiatherogenic lipoproteins and causes regression of atherosclerosis—Studies in non-primates, monkeys and humans.
- Dahlan, M. S. 2009. Besar sampel dan cara pengambilan sampel dalam penelitian kedokteran dan kesehatan. *Jakarta: Salemba Medika*, 34.
- De Sutter, J., Van de Wiele, C., Gheeraert, P., De Buyzere, M., Gevaert, S., Taeymans, Y., *et al.* 1999. The Selvester 32-point QRS score for evaluation of myocardial infarct size after primary coronary angioplasty. *American Journal of Cardiology*, 83, 255-257.
- Delewi, R., IJff, G., van de Hoef, T. P., Hirsch, A., Robbers, L. F., Nijveldt, R., *et al.* 2013. Pathological Q waves in myocardial infarction in patients treated by primary PCI. *JACC: Cardiovascular Imaging*, 6, 324-331.
- Dharma, S., Andriantoro, H., Purnawan, I., Dakota, I., Basalamah, F., Hartono, B., Rasmin, R., Isnaniyah, H., Yamin, M., Wijaya, I.P., Pratama, V., Gunarto, T.B., Juwana, Y.B., Suling, F.R.W., Witjaksono, A.M.O., Lasanudin, H.F., Iskandarsyah, K., Priatna, H., Tedjasukmana, P., Wahyumandradi, U., Kosasih, A., Budhiarti, I.A., Pribadi, W., Wirianta, J., Lubiantoro, U., Pramesti, R., Widowati, D.R., Aminda, S.K., Basalamah, M.A., Rao, S. V., 2016. Characteristics, treatment and in-hospital outcomes of patients with STEMI in a metropolitan area of a developing country: an initial report of the extended Jakarta Acute Coronary Syndrome registry. *BMJ Open* 6: e012193.
- Ellis, S. G., Armstrong, P., Betriu, A., Brodie, B., Herrmann, H., Montalescot, G., *et al.* 2004. Facilitated percutaneous coronary intervention versus primary percutaneous coronary intervention: design and rationale of the Facilitated Intervention with Enhanced Reperfusion Speed to Stop Events (FINESSE) trial. *American heart journal*, 147, 684.
- Engblom, H., Hedström, E., Heiberg, E., Wagner, G. S., Pahlm, O. dan Arheden, H. 2005. Size and transmural extent of first-time reperfused myocardial infarction assessed by cardiac magnetic resonance can be estimated by 12-lead electrocardiogram. *American heart journal*, 150, 920. e1-920. e9.
- Falk, E., Nakano, M., Bentzon, J. F., Finn, A. V. dan Virmani, R. 2013. Update on acute coronary syndromes: the pathologists' view. *European heart journal*, 34, 719-728.
- Farkouh, M. E., Reiffel, J., Dressler, O., Nikolsky, E., Parise, H., Cristea, E., *et al.* 2013. Relationship between ST-segment recovery and clinical outcomes after primary percutaneous coronary intervention: the HORIZONS-AMI ECG substudy report. *Circulation: Cardiovascular Interventions*, 6, 216-223.
- Fernandez-Aviles, F., Alonso, J.J., Pena, G., Blanco, J., Alonso-Briales, J., Lopez-Mesa, J., Fernandez-Vazquez, F., Moreu, J., Hernandez, R.A., Castro-Beiras, A., Gabriel, R., Gibson, C.M., Sanchez, P.L., 2007. Primary angioplasty vs . early routine post-fibrinolysis angioplasty for acute myocardial infarction with ST-segment elevation : the GRACIA-2 non-inferiority , randomized , controlled trial. *Eur. Heart J.* 28: 949–960.
- Firman, D. 2010. Intervensi Koroner Perkutan Primer. *Indonesian Journal of Cardiology*, 112-117.
- Geerse, D. A., Wu, K. C., Gorgels, A. P., Zimmet, J., Wagner, G. S. dan Miller, J. M. 2009.

- Comparison between contrast-enhanced magnetic resonance imaging and Selvester QRS scoring system in estimating changes in infarct size between the acute and chronic phases of myocardial infarction. *Annals of Noninvasive Electrocardiology*, 14, 360-365.
- Ghaffari, S., Kazemi, B., Saeidi, G., Sepehrvand, N. dan Pourafkari, L. 2014. The Value of Simplified Selvester QRS Scoring System in Predicting ST-segment Resolution after Thrombolysis in Patients with Acute Myocardial Infarction. *European Journal of Cardiovascular Medicine*, 3.
- Goldberger, A.L., Goldberger, Z.D., Shvilkin, A., 2013. *'s Clinical Electrocardiographic: A Simplified Approach*. Eight edition. CV Mosby. St Louis, U.S.A.
- Ibanez, B., James, S., Agewall, S., Antunes, M. J., Bucciarelli-Ducci, C., Bueno, H., *et al.* 2018. 2017 ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation: The Task Force for the management of acute myocardial infarction in patients presenting with ST-segment elevation of the European Society of Cardiology (ESC). *European heart journal*, 39, 119-177.
- Jinatongthai, P., Kongwatcharapong, J., Foo, C. Y., Phrommintikul, A., Nathisuwan, S., Thakkestian, A., *et al.* 2017. Comparative efficacy and safety of reperfusion therapy with fibrinolytic agents in patients with ST-segment elevation myocardial infarction: a systematic review and network meta-analysis. *The Lancet*, 390, 747-759.
- Kaandorp, T. A., Bax, J. J., Lamb, H. J., Viergever, E. P., Boersma, E., Poldermans, D., *et al.* 2005. Which parameters on magnetic resonance imaging determine Q waves on the electrocardiogram? *The American journal of cardiology*, 95, 925-929.
- Keeley, E. C. dan Hillis, L. D. 2007. Primary PCI for myocardial infarction with ST-segment elevation. *New England Journal of Medicine*, 356, 47-54.
- Knippenberg, S. A., Wagner, G. S., Ubachs, J. F., Gorgels, A., Hedström, E., Arheden, H., *et al.* 2010. Consideration of the impact of reperfusion therapy on the quantitative relationship between the Selvester QRS score and infarct size by cardiac MRI. *Annals of Noninvasive Electrocardiology*, 15, 238-244.
- Kochav, J. D., Okin, P. M., Wilson, S., Afroz, A., Renilla, A. dan Weinsaft, J. W. 2013. Usefulness of Q-wave area for threshold-based stratification of global left ventricular myocardial infarct size. *The American journal of cardiology*, 112, 174-180.
- Kumar, A. dan Akal, R. S. 2015. Influence of time to treatment and other risk factors on infarct size and transmural extent in the case of ST-elevated myocardial infarction managed by primary angioplasty and assessed by delayed enhancement magnetic resonance imaging. *Medical Journal of Dr. DY Patil University*, 8, 702.
- Kumbhani, D.J., Alexander, T., Nallamothu, B.K., Menon, V., Ayers, C., 2019. Pharmacoinvasive Approach with Streptokinase in Low to Intermediate Risk ST - Elevation Myocardial Infarction Patients : Insights from the Tamil Nadu - STEMI Initiative. *Am. J. Cardiovasc. Drugs*.
- KSM Jantung RSUP dr. Sardjito, 2017. Pedoman Praktik Klinik Infark Miokard dengan Elevasi Segmen ST (No. 408.P.003). Yogyakarta.
- Lee, D. C., Albert, C. M., Narula, D., Kadish, A. H., Panicker, G. K., Wu, E., *et al.* 2020. Estimating myocardial infarction size with a simple electrocardiographic marker score. *Journal of the American Heart Association*, 9, e014205.
- Libby, P. 2001. Current concepts of the pathogenesis of the acute coronary syndromes. *Circulation*, 104, 365-372.

- Libby, P. dan Theroux, P. 2005. Pathophysiology of coronary artery disease. *Circulation*, 111, 3481-3488.
- Lilly, L.S., 2011. *Pathophysiology of Heart Disease*, 5th Edition. Lippincott Williams & Wilkins. Philadelphia. USA.
- Loring, Z., Chelliah, S., Selvester, R. H., Wagner, G. dan Strauss, D. G. 2011. A detailed guide for quantification of myocardial scar with the Selvester QRS score in the presence of electrocardiogram confounders. *Journal of electrocardiology*, 44, 544-554.
- Mani, A. J., Edep, M. E. dan Brown, D. L. 2010. Pathophysiology of Acute Coronary Syndromes: Plaque Rupture and Atherothrombosis. *Cardiac intensive Care*. Elsevier Inc.
- Members, W. C., Antman, E. M., Anbe, D. T., Armstrong, P. W., Bates, E. R., Green, L. A., et al. 2004. ACC/AHA guidelines for the management of patients with ST-elevation myocardial infarction—executive summary: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Writing Committee to Revise the 1999 Guidelines for the Management of Patients With Acute Myocardial Infarction). *Journal of the American College of Cardiology*, 44, 671-719.
- Moon, J. C., De Arenaza, D. P., Elkington, A. G., Taneja, A. K., John, A. S., Wang, D., et al. 2004. The pathologic basis of Q-wave and non-Q-wave myocardial infarction: a cardiovascular magnetic resonance study. *Journal of the American College of Cardiology*, 44, 554-560.
- Nijveldt, R., van der Vleuten, P. A., Hirsch, A., Beek, A. M., Tio, R. A., Tijssen, J. G., et al. 2009. Early electrocardiographic findings and MR imaging-verified microvascular injury and myocardial infarct size. *JACC: Cardiovascular Imaging*, 2, 1187-1194.
- O'Gara, P. T., Kushner, F. G., Ascheim, D. D., Casey, D. E., Chung, M. K., De Lemos, J. A., et al. 2013. 2013 ACCF/AHA guideline for the management of ST-elevation myocardial infarction: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. *Journal of the American college of cardiology*, 61, e78-e140.
- Padro, T., Manfrini, O., Bugiardini, R., Canty, J., Cenko, E., De Luca, G., et al. 2020. ESC Working Group on Coronary Pathophysiology and Microcirculation position paper on 'coronary microvascular dysfunction in cardiovascular disease'. *Cardiovascular research*, 116, 741-755.
- Pahlm, O., Haisty Jr, W. K., Wagner, N. B., Pope, J. E. dan Wagner, G. S. 1991. Specificity and sensitivity of QRS criteria for diagnosis of single and multiple myocardial infarcts. *The American journal of cardiology*, 68, 1300-1304.
- Pahlm, U. S., Chaitman, B. R., Rautaharju, P. M., Selvester, R. H. dan Wagner, G. S. 1998. Comparison of the various electrocardiographic scoring codes for estimating anatomically documented sizes of single and multiple infarcts of the left ventricle. *The American journal of cardiology*, 81, 809-815.
- Pasceri, V., Andreotti, F., Maseri, A., 1996. Clinical markers of thrombolytic success. *Eur. Heart J.* 17: 35-41.
- Rampengan, S. H., Adriana, I. dan Panda, A. L. 2017. Role of selvester scores in patients with acute coronary syndrome. *BALI MEDICAL JOURNAL*, 6, 178-185.
- Regitz-Zagrosek, V., Oertelt-Prigione, S., Prescott, E., Franconi, F., Gerdts, E., Foryst-Ludwig, A., Maas, A.H.E.M., Kautzky-Willer, A., Knappe-Wegner, D., Kintscher, U., Ladwig, K.H., Schenck-Gustafsson, K., Stangl, V., 2016. Gender in cardiovascular diseases:

- Impact on clinical manifestations, management, and outcomes. *Eur. Heart J.* 37: 24–34.
- Ripa, R. S., Nilsson, J. C., Wang, Y., Søndergaard, L., Jørgensen, E. dan Kastrup, J. 2007. Short-and long-term changes in myocardial function, morphology, edema, and infarct mass after ST-segment elevation myocardial infarction evaluated by serial magnetic resonance imaging. *American heart journal*, 154, 929-936.
- Rovai, D., Di Bella, G., Rossi, G., Lombardi, M., Aquaro, G. D., L'Abbate, A., *et al.* 2007. Q-wave prediction of myocardial infarct location, size and transmural extent at magnetic resonance imaging. *Coronary artery disease*, 18, 381-389.
- Rovers, W. C., van Boreen, M. C., Robinson, M., Martin, T. N., Maynard, C., Wagner, G. S., *et al.* 2009. Comparison of the correlation of the Selvester QRS scoring system with cardiac contrast-enhanced magnetic resonance imaging-measured acute myocardial infarct size in patients with and without thrombolytic therapy. *Journal of electrocardiology*, 42, 139-144.
- Selvester, R. H., Wagner, G. S. dan Hindman, N. B. 1985. The Selvester QRS scoring system for estimating myocardial infarct size: the development and application of the system. *Archives of Internal Medicine*, 145, 1877-1881.
- Sevilla, D. C., Wagner, N. B., Pegues, R., Peck, S. L., Mikat, E. M., Ideker, R. E., *et al.* 1992. Correlation of the complete version of the Selvester QRS scoring system with quantitative anatomic findings for multiple left ventricular myocardial infarcts. *The American journal of cardiology*, 69, 465-469.
- Shiomi, H., Kosuge, M., Morimoto, T., Watanabe, H., Taniguchi, T., Nakatsuma, K., *et al.* 2017. QRS score at presentation electrocardiogram is correlated with infarct size and mortality in ST-segment elevation myocardial infarction patients undergoing primary percutaneous coronary intervention. *Circulation Journal*, CJ-16-1255.
- Sinnaeve, P. R., Armstrong, P. W., Gershlick, A. H., Goldstein, P., Wilcox, R., Lambert, Y., *et al.* 2014. ST-Segment-Elevation Myocardial Infarction Patients Randomized to a Pharmacologic Invasive Strategy or Primary Percutaneous Coronary Intervention: Strategic Reperfusion Early After Myocardial Infarction (STREAM) 1-Year Mortality Follow-Up. *Circulation*, 130, 1139-1145.
- Spinler, S. A. dan de Denus, S. 2016. Acute coronary syndrome.
- Sulistya, I.H., Bagaswoto, H.P., Taufiq, N., Setianto, B. Y. 2018. *Predictor of Hospital Length of Stay Prolongation in Patients with ST Segment Elevation Myocardial Infarction in Cardiovascular Care Unit Sardjito General Hospital*
- Surawicz, B. 2008. *Chou's Electrocardiography In Clinical Practice Sixth Edition*.
- Taneja, A. K., Mallick, U. dan Flather, M. D. 2004. Antiplatelet agents. *Handbook of Acute Coronary Syndromes*, Bhatt DE, Flather MD, eds. Remedica Publishing, 57-88.
- Thygesen, K., Alpert, J. S., Jaffe, A. S., Chaitman, B. R., Bax, J. J., Morrow, D. A., *et al.* 2019. Fourth universal definition of myocardial infarction (2018). *European heart journal*, 40, 237-269.
- Tiller, C., Reindl, M., Reinstadler, S. J., Holzkecht, M., Schreinlechner, M., Peherstorfer, A., *et al.* 2019. Complete versus simplified Selvester QRS score for infarct severity assessment in ST-elevation myocardial infarction. *BMC Cardiovascular Disorders*, 19, 1-7.
- Van de Werf, F., Ross, A., Armstrong, P. dan Granger, C. 2006. Primary versus tenecteplase-facilitated percutaneous coronary intervention in patients with ST-segment elevation

- acute myocardial infarction (ASSENT-4 PCI): randomised trial. *Lancet*, 367, 569-578.
- Wagner, G. S., Freye, C. J., Palmeri, S. T., Roark, S., Stack, N., Ideker, R., *et al.* 1982. Evaluation of a QRS scoring system for estimating myocardial infarct size. I. Specificity and observer agreement. *Circulation*, 65, 342-347.
- Ward, R. M., White, R. D., Ideker, R. E., Hindman, N. B., Alonso, D. R., Bishop, S. P., *et al.* 1984. Evaluation of a QRS scoring system for estimating myocardial infarct size: IV. Correlation with quantitative anatomic findings for posterolateral infarcts. *The American journal of cardiology*, 53, 706-714.
- Weir, R. A., Martin, T. N., Murphy, C. A., Petrie, C. J., Clements, S., Steedman, T., *et al.* 2010. Comparison of serial measurements of infarct size and left ventricular ejection fraction by contrast-enhanced cardiac magnetic resonance imaging and electrocardiographic QRS scoring in reperfused anterior ST-elevation myocardial infarction. *Journal of electrocardiology*, 43, 230-236.
- Widimsky, P., Groch, L. dan Zelisko, M. 2000. Multicenter randomized trial comparing transport to primary angioplasty vs combined strategy for patients with acute myocardial infarction presenting to a community hospital without a catheterization laboratory: the PRAGUE study. *Eur Heart J*, 21, 823-831.
- Willerson, J. T. dan Holmes Jr, D. R. 2015. *Coronary artery disease*, Springer.
- Yun, K. H., Oh, S. K., Rhee, S. J., Yoo, N. J., Kim, N.-H. dan Jeong, J.-W. 2011. 12-month follow-up results of high dose rosuvastatin loading before percutaneous coronary intervention in patients with acute coronary syndrome. *International journal of cardiology*, 146, 68-72.
- Zimarino, M., Sacchetta, D., Renda, G. dan De Caterina, R. 2008. Facilitated PCI: rationale, current evidence, open questions, and future directions. *Journal of cardiovascular pharmacology*, 51, 3-10.
- Zheng, H., Pek, P.P., Ho, A.F.H., Wah, W., Foo, L.L., *et al.* 2019. Ethnic Differences and Trends in ST-Segment Elevation Myocardial Infarction Incidence and Mortality in a Multi-Ethnic Population. *Annals Academy of Medicine*. 2019;48:75-85.
- Zuhdi1, A.S.M, Ahmad, W.A.W., Zaki, R.A., Mariapun, J., Ali, R.M., *et al.* 2016. Acute coronary syndrome in the elderly: the Malaysian National Cardiovascular Disease Database-Acute Coronary Syndrome registry. *Singapore Med J*, 2016; 57(4): 191-197.