

DAFTAR PUSTAKA

1. Juzar DA, Muzakkir AF, Ilhami YR, Taufiq N, Astiawati T, Junior IM, et al. Management of Acute Coronary Syndrome in Indonesia: Insight from One ACS Multicenter Registry. *Indones J Cardiol*. 2021;42(3):45–55.
2. Lawton JS, Tamis-Holland JE, Bangalore S, Bates ER, Beckie TM, Bischoff JM, et al. 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. Vol. 145, *Circulation*. 2022. 18–114 p.
3. Gilard M, Hinterbuchner L, Leosdottir M, Lorusso R, Pedretti RF, Rigopoulos AG, et al. 2023 ESC Guidelines for the management of acute coronary syndromes Developed by the task force on the management of acute coronary syndromes of the European Society of Cardiology (ESC). *Eur Heart J [Internet]*. 2023;44:3720–826. Available from: <https://doi.org/10.1093/eurheartj/ehad191>
4. Omeludike EK, Alakwe-ojimba CE, Akpovona OL, Paola Y, Sucari O, Saggi SK, et al. Comprehensive review of ST-segment elevation myocardial infarction. *Medicine (Baltimore)*. 2023;43(September):1–7.
5. Sharafi M, Dehghan A, Mouseli A, Fatemian H, Jamali L, Afrashteh S, et al. A cross-sectional study determining prevalence and factors associated with ST-segment elevation myocardial infarction and non-ST segment elevation myocardial infarction in Iran: results from fasa registry on acute myocardial infarction (FaRMI). *BMC Public Health*. 2024;24(1):1–8.
6. Hasan A, Iqbal A, Tawab S, Hussain I. Correlation of TIMI score with severity of coronary artery disease in acute coronary syndrome. *Pakistan J Cardiovasc Interv*. 2022;2(2):52–9.
7. Sistem Informasi RS Wahidin. Database Informasi RSUP dr. Wahidin Sudirohusodo Makassar. Makassar; 2024.
8. Abreu LM. Time is muscle. *Arq Bras Cardiol*. 2019;112(4):408–9.
9. Chen YH, Huang SS, Lin SJ. TIMI and GRACE risk scores predict both short-term and long-term outcomes in chinese patients with acute myocardial infarction. *Acta Cardiol Sin*. 2018;34(1):4–12.
10. Alavi-Moghaddam M, Safari S, Alavi-Moghaddam H. Screening characteristics of timi score in predicting acute coronary syndrome outcome; A diagnostic accuracy study. *Arch Acad Emerg Med*. 2019;7(1):6–10.
11. Asrial AA, Pudjiastuti A, Herry Y, Bahrudin U. Validation and comparison of Zwolle, TIMI, and GRACE risk scores for STEMI patients undergoing primary percutaneous coronary intervention in the indonesian population. *Indones J Cardiol*. 2021;42(3):56–63.
12. Ababneh MJ, Smadi MM, Al-Kasasbeh A, Jawarneh QA, Nofal M, El-Bashir M, et al. Validity of TIMI Risk Score and HEART Score for Risk Assessment of Patients with Unstable Angina/ Non-ST Elevation Myocardial Infarction Presented to an Emergency Department in Jordan. *Open Access Emerg Med*. 2023;15(December):465–71.
13. Aragam KG, Tamhane UU, Kline-Rogers E, Li J, Fox KAA, Goodman SG, et al. Does simplicity compromise accuracy in ACS risk prediction? A retrospective analysis of the TIMI and GRACE risk scores. *PLoS One*. 2009;4(11):1–9.
14. Yanqiao L, Shen L, Yutong M, Linghong S, Ben H. Comparison of GRACE and TIMI

- risk scores in the prediction of in-hospital and long-term outcomes among East Asian non-ST-elevation myocardial infarction patients. *BMC Cardiovasc Disord* [Internet]. 2022;22(1):1–9. Available from: <https://doi.org/10.1186/s12872-021-02311-z>
15. Salari N, Morddarvanjoghi F, Abdolmaleki A, Rasoulpoor S, Khaleghi AA, Hezarkhani LA, et al. The global prevalence of myocardial infarction: a systematic review and meta-analysis. *BMC Cardiovasc Disord* [Internet]. 2023;23(1):1–12. Available from: <https://doi.org/10.1186/s12872-023-03231-w>
 16. Devon HA, Mirzaei S, Zègre-Hemsey J. Typical and atypical symptoms of acute coronary syndrome: Time to retire the terms? *J Am Heart Assoc*. 2020;9(7):1–4.
 17. Shamaki GR, Safiriyu I, Antia A, Abd El-Radi WK, Tinago CB, Ilonze O. Prevalence, predictors, and in-hospital outcomes of ST-elevation myocardial infarction among young adults without traditional cardiovascular risk factors in the United States. *Am Hear J Plus Cardiol Res Pract*. 2024;43(March).
 18. Lilly LS. *Patofisiologi Penyakit Jantung: Kolaborasi Mahasiswa dan Dosen*. Edisi 6. Penerbit Buku Kedokteran Medik; 2019. 490 p.
 19. Morrow DA, Antman EM, Charlesworth A, Cairns R, Murphy SA, De Lemos JA, et al. TIMI risk score for ST-elevation myocardial infarction: A convenient, bedside, clinical score for risk assessment at presentation: An Intravenous nPA for Treatment of Infarcting Myocardium Early II trial substudy. *Circulation*. 2000;102(17):2031–7.
 20. Khan R, Zarak MS, Munir U, Ahmed K, Ullah A. Thrombolysis in Myocardial Infarction (TIMI) Risk Score Assessment for Complications in Acute Anterior Wall ST Elevation Myocardial Infarction. *Cureus*. 2020;0(6):6–13.
 21. Ababneh MJ, Smadi MM, Al-Kasasbeh A, Jawarneh QA, Nofal M, El-Bashir M, et al. Validity of TIMI Risk Score and HEART Score for Risk Assessment of Patients with Unstable Angina/ Non-ST Elevation Myocardial Infarction Presented to an Emergency Department in Jordan. *Open Access Emerg Med*. 2023;15:465–71.
 22. Alligood MR. *Pakar Teori Keperawatan dan Karya Mereka*. Singapore: Elseiver; 2017.
 23. Ardiansyah F, Nurachmah E, Adam M, Anjarwati N, Hardika R, Baedlawi A. Penerapan Konservasi Energi Myra Levine Pasien Acutely Decompensated Heart Failure (ADHF). *J Kesehat Mercusuar*. 2022;5(1):42–55.
 24. Baidhowy AS, Nurachmah E, Herawati T, Erwin, Sulistiowati E, Mutiasari H. Nursing Care in Acute Decompensated Heart Failure (ADHF) Based on Levine’s Conservation Model: A Case Study [Internet]. Vol. 1. Atlantis Press International BV; 2023. 397–406 p. Available from: http://dx.doi.org/10.2991/978-94-6463-132-6_45
 25. Byrne RA, Rossello X, Coughlan JJ, Barbato E, Berry C, Chieffo A, et al. 2023 ESC Guidelines for the management of acute coronary syndromes. *Eur Heart J*. 2023;44(38):3720–826.
 26. PPNI. *Standar Intervensi Keperawatan Indonesia: Defenisi dan Tindakan Keperawatan*. 1st ed. Jakarta: DPP PPNI; 2018.
 27. Gopinath B, Kumar A, Sah R, Bhoi S, Jamshed N, Ekka M, et al. Strengthening emergency care systems to improve patient care for ST-elevation myocardial infarction (STEMI) at a high-volume tertiary care centre in India. *BMJ Open Qual*. 2022;11(e001764):1–8.

28. Blakerman JR, Kim MJ, Eckhardt AL, Stapleton SJ, Devon HA, Normal IL, et al. A Nationwide Study of Emergency Nurses Triage Decisions for Potential Acute Coronary Syndrome. *J Emerg Nurs* [Internet]. 2020;46(1):2–7. Available from: <https://doi.org/10.1016/j.jen.2019.11.009>
29. Saban M, Zaretsky L, Patito H, Salama R, Darawsha A. Round-off decision-making: Why do triage nurses assign STEMI patients with an average priority? *Int Emerg Nurs* [Internet]. 2019;43(June):34–9. Available from: <https://doi.org/10.1016/j.ienj.2018.07.001>
30. Hashmi KA, Adnan F, Ahmed O, Yaqeen SR, Ali J, Irfan M, et al. Risk Assessment of Patients After ST-Segment Elevation Myocardial Infarction by Killip Classification: An Institutional Experience. *Cureus*. 2020;12(12).
31. Zamel AA. Comparing the accuracy of thrombolysis in myocardial infarction score and the global registry of acute coronary events score in predicting in-hospital , short and long-term outcomes among patients with acute coronary. An-Najah National University; 2023.
32. Lämås K, Lindholm L, Stenlund H, Engström B, Jacobsson C. Effects of abdominal massage in management of constipation-A randomized controlled trial. *Int J Nurs Stud*. 2009;46(6):759–67.
33. Chair SY. Early mobilisation after transfemoral catheterisation is not associated with increased vascular incidents, and reduces back pain. *Evid Based Nurs*. 2015;18(1):20.
34. Maqsood MH, Pancholy S, Tuozzo KA, Moskowitz N, Rao S V., Bangalore S. Optimal Hemostatic Band Duration after Transradial Angiography or Intervention: Insights from a Mixed Treatment Comparison Meta-Analysis of Randomized Trials. *Circ Cardiovasc Interv*. 2023;16(2):E012781.
35. John T jess, Doubell A, Kyriakakis C, Zachariah D. -elevation myocardial infarction managed with a pharmacoinvasive strategy and conservative management of delayed atrioventricular block : classical case report. *Eur Heart J*. 2020;4:1–7.
36. Sharifi H, Zeydi AE. When is the best time to mobilize patients after myocardial infarction ? An issue that merits further research. *Anatol J Cardiol*. 2016;16:14744.
37. Opincariu D, Hodas R. Mobilization of Patients Suffering from Acute Myocardial Infarction – When Is It Too Early ? 2019;5(3):99–103.
38. Khalfallah M, Abdelmageed R, Elgendy E, Hafez YM. Incidence, predictors and outcomes of stress hyperglycemia in patients with ST elevation myocardial infarction undergoing primary percutaneous coronary intervention. *Diabetes Vasc Dis Res*. 2020;17(1).
39. Al-Bayati KK, Al-Kassar RAH. Effect of Change Position and Back Massage on Physiological Parameters for Patients with Back Pain Post-Cardiac Catheterization. *Kufa J Nurs Sci*. 2023;13(2):111–23.
40. Kardan M, Zarei B, BahramiTaghanaki H, Vagharseyyedin SA, Azdaki N. The effects of foot reflexology on back pain after coronary angiography: A randomized controlled trial. *Complement Ther Clin Pract* [Internet]. 2020;38(August 2019):101068. Available from: <https://doi.org/10.1016/j.ctcp.2019.101068>
41. Makalesi A, Solmaz G. The Effect of Post-Coronary Angiography Foot Massage on Back Pain: A Randomized Controlled Study. *Mas Japs* [Internet]. 2023;8:1001–10. Available from: <http://dx.doi.org/10.5281/zenodo.10010920>
42. Hirsch KG, Abella BS, Amorim E, Bader MK, Barletta JF, Berg K, et al. Critical Care

- Management of Patients after Cardiac Arrest: A Scientific Statement from the American Heart Association and Neurocritical Care Society. Vol. 149, *Circulation*. 2024. 168–200 p.
43. Putranto MY, Putra HT, Soedarsono W. Coronary Artery Disease , Acute Coronary Syndromes , Acute Cardiac Care - Acute Coronary Syndromes - Epidemiology , Prognosis , Outcome Gender distribution in STEMI patients and how does it affect primary PCI performances. *Eur Heart J*. 2023;4(Supplement_1):779.
 44. Xiang D, Liu Y, Zhou S, Zhou E, Wang Y. Protective Effects of Estrogen on Cardiovascular Disease Mediated by Oxidative Stress. *Oxid Med Cell Longev*. 2021;2021.
 45. Rodgers JL, Jones J, Bolleddu SI, Vanthenapalli S, Rodgers LE, Shah K, et al. Cardiovascular Risks Associated with Gender and Aging. *J Cardiovasc Dev Dis*. 2019;6(2):19.
 46. Szczepańska E, Białek-Dratwa A, Filipów K, Kowalski O. Lifestyle and the risk of acute coronary event: a retrospective study of patients after myocardial infarction. *Front Nutr*. 2023;10(September):1–14.
 47. Toluey M, Ghaffari S, Tajlil A, Nasiri B, Rostami A. The impact of cigarette smoking on infarct location and in-hospital outcome following acute ST-elevation myocardial infarction. *J Cardiovasc Thorac Res [Internet]*. 2019;11(3):209–15. Available from: <https://doi.org/10.15171/jcvtr.2019.35>
 48. Rastogi A, Shah P, Talwar T, Gupta N, Singh V V, Manzoor S. Preponderance of Inferior Wall Myocardial Infarction in Smokers with no other Cardiovascular Risk Factors. *Int J Contemp Med Res [IJCMR]*. 2019;6(9):1–3.
 49. Rodriguez-Araujo G, Nakagami H. Pathophysiology of cardiovascular disease in diabetes mellitus. *Cardiovasc Endocrinol Metab*. 2018;7(1):4–9.
 50. Konstantinou K, Tsioufis C, Koumelli A, Mantzouranis M, Kasiakogias A, Doulas M, et al. Hypertension and patients with acute coronary syndrome: Putting blood pressure levels into perspective. *J Clin Hypertens*. 2019;21(8):1135–43.
 51. Crea F, Montone RA, Rinaldi R. Pathophysiology of Coronary Microvascular Dysfunction. *Circ J*. 2022;86(9):1319–28.
 52. Abera A, Worede A, Hirigo AT, Alemayehu R, Ambachew S. Dyslipidemia and associated factors among adult cardiac patients: a hospital-based comparative cross-sectional study. *Eur J Med Res [Internet]*. 2024;29(1):1–12. Available from: <https://doi.org/10.1186/s40001-024-01802-x>
 53. Velásquez-Rodríguez J, Vicent L, Díez-Delhoyo F, Valero Masa MJ, Bruña V, Sousa-Casasnovas I, et al. Prognostic Implications of High-Degree Atrio-Ventricular Block in Patients with Acute Myocardial Infarction in the Contemporary Era. *J Clin Med*. 2023;12(14).
 54. Zuraida E, Syahrul S, Said S. Monitoring the Evolution of ST Elevation Myocardial Infarction (STEMI) Complicated by Total Atrioventricular (AV) Block : A Case Study. 2024;10(September):135–43.
 55. Mahendra DAY, Yuliani ED. Evolution of Electrocardiogram (ECG) in Inferior ST-Segment Elevation Myocardial Infarction (STEMI) with Total Atrioventricular Block Complications. *Contin Med Educ*. 2022;131–9.
 56. Greco A, Capodanno D. Therapeutic uncertainties : first finding of atrial fibrillation in acute coronary syndrome. *Eur Hear J Supplements*. 2022;24(Supplement I):43–6.

57. Lilly LS. Pathophysiology of Heart Disease: A Collaborative Project of Medical Students. Six Editio. Vol. 3. Philadelphia: Lippincott Williams & Wilkins; 2016.
58. Neumann JT, Twerenbold R, Ojeda F, Sørensen NA, Chapman AR, Shah ASV, et al. Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. *N Engl J Med*. 2019;380(26):2529–40.
59. Lei Z, Li B, Li B, Peng W. Predictors and prognostic impact of left ventricular ejection fraction trajectories in patients with ST-segment elevation myocardial infarction. *Aging Clin Exp Res*. 2022;34(6):1429–38.
60. Baker RW, Kinon BJ, Maguire GA, Liu H, Hill AL. Effectiveness of rapid initial dose escalation of up to forty milligrams per day of oral olanzapine in acute agitation. *J Clin Psychopharmacol*. 2003;23(4):342–8.
61. Mohebi R, Karimi Galougahi K, Garcia JJ, Horst J, Ben-Yehuda O, Radhakrishnan J, et al. Long-Term Clinical Impact of Contrast-Associated Acute Kidney Injury Following PCI: An ADAPT-DES Substudy. *JACC Cardiovasc Interv*. 2022;15(7):753–66.
62. Santosa Y, Harca AD, Yuwono A, Hermanto A, Oliver MS, Sukmadja E, et al. Is It Safe to Do Percutaneous Coronary Intervention in Moderate to Severe Chronic Kidney Disease Patients? A Prospective Cohort Study. *Cureus*. 2022;14(1):1–6.
63. Jasiewicz M, Siedlaczek M, Kasprzak M, Gorog DA, Jilma B, Siller-Matula J, et al. Elevated serum transaminases in patients with acute coronary syndromes: Do we need a revision of exclusion criteria for clinical trials? *Cardiol J*. 2023;30(5):747–52.
64. Koskinas KC. What is the role of lipids in atherosclerosis and how low should we decrease lipid levels ? e-Journal *Cardiol Pract*. 2021;19(Ldl):1–15.
65. Aulia T, Halimuddin, Nurhidayah I. Stres Hiperglikemia Pasien Sindrom Koroner Akut di RSUD dr . Zainoel Abidin Banda Aceh Stress Hyperglycemia of Acute Coronary Syndrome Patients In dr . Zainoel Abidin Regional Public Hospital Of Banda Aceh melitus mengakibatkan peningkatan kadar gula kond. *JIM FKep*. 2022;VI(3).
66. Oliva A, Mehran R. Prolonging anticoagulation after primary percutaneous coronary intervention in ST-segment elevation myocardial infarction (STEMI) patients: still looking for the RIGHT path. *AME Clin Trials Rev*. 2024;2(20):45–45.
67. Castini D, Persampieri S, Sabatelli L, Erba M, Ferrante G, Valli F, et al. Utility of the HAS-BLED score for risk stratification of patients with acute coronary syndrome. *Heart Vessels* [Internet]. 2019;34(10):1621–30. Available from: <https://doi.org/10.1007/s00380-019-01405-1>
68. Chen TY, Chung WJ, Lee CH, Wu PJ, Hsueh SK, Tsai TH, et al. Evaluation of bleeding risk in patients with acute myocardial infarction undergoing transradial percutaneous coronary intervention. *Int Heart J*. 2019;60(3):577–85.
69. Lee ZV, Lam H. Aggressive lipid-lowering therapy after percutaneous coronary intervention - for whom and how? *AsiaIntervention*. 2022;8(1):24–31.
70. Jafary FH. Anticoagulants and Primary PCI. *Prim Angioplasty*. 2018;109–18.
71. Zuin M, Conte L, Picariello C, Pastore G, Vassiliev D, Lanza D, et al. TIMI Risk Index as a Predictor of 30-Day Outcomes in Patients With Acute Pulmonary Embolism. *Hear Lung Circ* [Internet]. 2018;27(2):190–8. Available from: <http://dx.doi.org/10.1016/j.hlc.2017.02.035>
72. Ibanez B, James S, Agewall S, Antunes MJ, Bucciarelli-Ducci C, Bueno H, et al. 2017 ESC Guidelines for the management of acute myocardial infarction in patients

- presenting with ST-segment elevation. *Eur Heart J*. 2018;39(2):119–77.
73. Gu Y, Zhang Y, Yao D, Shen H, Pan X, Gong K. Prognostic value of TIMI risk score combined with systemic immune-inflammation index and lipoprotein(a) in patients with ST-Segment elevation myocardial infarction after percutaneous coronary intervention. *IJC Hear Vasc [Internet]*. 2025;56(December 2024):101599. Available from: <https://doi.org/10.1016/j.ijcha.2025.101599>