

REFERENCES:

- Adam, A.M., Nasir, S.A.R., Merchant, A.Z., Rizvi, A.H., Rehan, A., Shaikh, A.T., Abbas, A.H., Godil, A., Khetpal, A., Mallick, M.S.A., Khan, M.S. & Lashari, M.N. (2018) Efficacy of serum blood urea nitrogen, creatinine and electrolytes in the diagnosis and mortality risk assessment of patients with acute coronary syndrome. *Indian heart journal*. 70 (3), 353–359. doi:10.1016/j.ihj.2017.09.009.
- Al-Reesi, A., Alzadjali, N., Perry, J., Fergusson, D.A., Al-Shamsi, M.M., Al-Thagafi, M. & Stiell, I.G. (2008) Do beta-blockers reduce short-term mortality following acute myocardial infarction? A systematic review and meta-analysis. *CJEM*. 10 3, 215–223. <https://api.semanticscholar.org/CorpusID:36048126>.
- Amsterdam, E.A., Wenger, N.K., Brindis, R.G., Casey, D.E., Ganiats, T.G., Holmes, D.R., Jaffe, A.S., Jneid, H., Kelly, R.F., Kontos, M.C., Levine, G.N., Liebson, P.R., Mukherjee, D., Peterson, E.D., Sabatine, M.S., Smalling, R.W. & Zieman, S.J. (2014) 2014 AHA/ACC Guideline for the Management of Patients With Non–ST-Elevation Acute Coronary Syndromes: Executive Summary. *Circulation*. 130 (25), 2354–2394. doi:10.1161/CIR.000000000000133.
- Anderson, J.L. (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. *Circulation*. 127 (4), 362–425. doi:10.1161/CIR.0b013e3182742cf6.
- Anon (2020) Global, regional, and national burden of chronic kidney disease, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. 395 (10225), 709–733. doi:10.1016/S0140-6736(20)30045-3.
- Antman, E.M., Cohen, M., Bernink, P.J., McCabe, C.H., Horacek, T., Papuchis, G., Mautner, B., Corbalan, R., Radley, D. & Braunwald, E. (2000) The TIMI risk score for unstable angina/non-ST elevation MI: A method for prognostication and therapeutic decision making. *JAMA*. 284 (7), 835–842. doi:10.1001/jama.284.7.835.
- de Araújo Gonçalves, P., Ferreira, J., Aguiar, C. & Seabra-Gomes, R. (2005) TIMI, PURSUIT, and GRACE risk scores: sustained prognostic value and interaction with revascularization in NSTEMI-ACS. *European heart journal*. 26 (9), 865–872. doi:10.1093/eurheartj/ehi187.
- Balachandran, V.P., Gonen, M., Smith, J.J. & DeMatteo, R.P. (2015) Nomograms in oncology: more than meets the eye. *The Lancet. Oncology*. 16 (4), e173-80. doi:10.1016/S1470-2045(14)71116-7.
- Baskaran, V., Quammie, S., Lawrence, H., Ashton, D., Lim, W.S. & McKeever, T.M. (2020) Meta-analysis of Acute Coronary Syndrome in Patients with Community-Acquired Pneumonia. *European Respiratory Journal*. <https://api.semanticscholar.org/CorpusID:229017770>.
- Biondi-Zoccai, G., Agostoni, P., Testa, L., Abbate, A., Parisi, Q., Burzotta, F., Trani, C., Mongiardo, R., Vassanelli, C. & Biasucci, L.M. (2004) Increased mortality after coronary stenting in patients treated with clopidogrel without loading dose. Evidence from a meta-analysis. *Minerva cardiologica*. 52 3, 195–208. <https://api.semanticscholar.org/CorpusID:37224734>.
- Bo, X., Liu, Y., Yang, M., Lu, Z., Zhao, Y. & Chen, L. (2021) Development and Validation of a Nomogram of In-hospital Major Adverse Cardiovascular and Cerebrovascular Events in Patients With Acute Coronary Syndrome. *Frontiers in Cardiovascular Medicine*. 8 (August), 1–11. doi:10.3389/fcvm.2021.699023.

- Bonello, L., Laine, M., Camoin-Jau, L., Noirot, F., Guieu, R., Dignat-George, F., Paganelli, F. & Frère, C. (2015) Onset of optimal P2Y₁₂-ADP receptor blockade after ticagrelor and prasugrel intake in Non-ST elevation acute coronary syndrome. *Thrombosis and Haemostasis*. 114, 702–707. <https://api.semanticscholar.org/CorpusID:13292133>.
- Brilakis, E., Wright, R.S., Kopecky, S.L., Mavrogiorgos, N.C., Reeder, G., Rihal, C.S., Gersh, B.J., Williams, B.A. & Clements, I. (2003) Association of the PURSUIT risk score with predischARGE ejection fraction, angiographic severity of coronary artery disease, and mortality in a nonselected, community-based population with non-ST-elevation acute myocardial infarction. *American Heart Journal*. 146, 811–818. doi:10.1067/S0002-8703(03)00455-1.
- Buelt, A., Richards, A. & Jones, A.L. (2021) Hypertension: New Guidelines from the International Society of Hypertension. *American family physician*. 103 (12), 763–765. <http://www.ncbi.nlm.nih.gov/pubmed/34128614>.
- Byrne, R.A., Rossello, X., Coughlan, J.J., Barbato, E., Berry, C., et al. (2023) 2023 ESC Guidelines for the management of acute coronary syndromes. *European Heart Journal*. 3720–3826. doi:10.1093/eurheartj/ehad191.
- Centers for Disease Control and Prevention (2017) *National Center for Health Statistics*. 2017. NCHS.
- Chatterjee, S., Chaudhuri, D., Vedanthan, R., Fuster, V., Ibanez, B., Bangalore, S. & Mukherjee, D. (2013) Early intravenous beta-blockers in patients with acute coronary syndrome-A meta-analysis of randomized trials. *International Journal of Cardiology*. 168 (2), 915–921. doi:10.1016/j.ijcard.2012.10.050.
- Chew, D.P., Hyun, K., Morton, E., Horsfall, M., Hillis, G.S., Chow, C.K., Quinn, S., D'Souza, M., Yan, A.T., Gale, C.P., Goodman, S.G., Fox, K. & Brieger, D. (2021) Objective Risk Assessment vs Standard Care for Acute Coronary Syndromes: A Randomized Clinical Trial. *JAMA cardiology*. 6 (3), 304–313. doi:10.1001/jamacardio.2020.6314.
- Collet, J.P., Thiele, H., Barbato, E., Bauersachs, J., Dendale, P., et al. (2021) 2020 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation. *European Heart Journal*. 42 (14), 1289–1367. doi:10.1093/eurheartj/ehaa575.
- D'Ascenzo, F., Biondi-Zoccai, G., Moretti, C., Bollati, M., Omedè, P., Sciuto, F., Presutti, D.G., Modena, M.G., Gasparini, M., Reed, M.J., Sheiban, I. & Gaita, F. (2012) TIMI, GRACE and alternative risk scores in Acute Coronary Syndromes: a meta-analysis of 40 derivation studies on 216,552 patients and of 42 validation studies on 31,625 patients. *Contemporary clinical trials*. 33 (3), 507–514. doi:10.1016/j.cct.2012.01.001.
- DeGeare, V.S., Boura, J.A., Grines, L.L., O'Neill, W.W. & Grines, C.L. (2001) Predictive value of the Killip classification in patients undergoing primary percutaneous coronary intervention for acute myocardial infarction. *American Journal of Cardiology*. 87 (9), 1035–1038. doi:10.1016/S0002-9149(01)01457-6.
- Demšar, J., Curk, T., Erjavec, A., Gorup, Č., Hočevar, T., Milutinovič, M., Možina, M., Polajnar, M., Toplak, M., Starič, A., Štajdohar, M., Umek, L., Žagar, L., Žbontar, J., Žitnik, M. & Zupan, B. (2013) Orange: Data mining toolbox in python. *Journal of Machine Learning Research*. 14 (October 2019), 2349–2353.
- Dodson, J.A., Hajduk, A.M., Murphy, T.E., Geda, M., Krumholz, H.M., Tsang, S., Nanna, M.G., Tinetti, M.E., Goldstein, D., Forman, D.E., Alexander, K.P., Gill, T.M. & Chaudhry, S.I. (2019) Thirty-Day Readmission Risk Model for Older Adults Hospitalized With Acute Myocardial Infarction. *Circulation. Cardiovascular quality and outcomes*. 12 (5), e005320. doi:10.1161/CIRCOUTCOMES.118.005320.

- Fan, F., Li, Y., Zhang, Y., Li, J., Liu, J., Hao, Y., Smith, S.C., Fonarow, G.C., Taubert, K.A., Ge, J., Zhao, D., Huo, Y. & null, null (2019) Chest Pain Center Accreditation Is Associated With Improved In-Hospital Outcomes of Acute Myocardial Infarction Patients in China: Findings From the CCC-ACS Project. *Journal of the American Heart Association*. 8 (21), e013384. doi:10.1161/JAHA.119.013384.
- Goldenberg, I. (2010) Relation Between Renal Function and Outcomes in Patients With Non-ST-Segment Elevation Acute Coronary Syndrome. *Archives of Internal Medicine*. 170 (10), 888. doi:10.1001/archinternmed.2010.95.
- Hall, T.S., von Lueder, T.G., Zannad, F., Rossignol, P., Duarte, K., Chouihed, T., Dickstein, K., Atar, D., Agewall, S. & Girerd, N. (2018) Relationship between left ventricular ejection fraction and mortality after myocardial infarction complicated by heart failure or left ventricular dysfunction. *International journal of cardiology*. 272, 260–266. doi:10.1016/j.ijcard.2018.07.137.
- Hong, S. & Lu, Y. (2013) Omega-3 fatty acid-derived resolvins and protectins in inflammation resolution and leukocyte functions: targeting novel lipid mediator pathways in mitigation of acute kidney injury. *Frontiers in immunology*. 4, 13. doi:10.3389/fimmu.2013.00013.
- Hu, M.-J., Wang, X.-N., Tan, J.-S. & Yang, Y.-J. (2022) Association of beta-blocker therapy at discharge with clinical outcomes in patients without heart failure or left ventricular systolic dysfunction after acute coronary syndrome: An updated systematic review and meta-analysis. *Archives of Cardiovascular Diseases*. 115 (12), 637–646. doi:https://doi.org/10.1016/j.acvd.2022.09.004.
- Huang, Z., Dong, W. & Duan, H. (2015) A probabilistic topic model for clinical risk stratification from electronic health records. *Journal of biomedical informatics*. 58, 28–36. doi:10.1016/j.jbi.2015.09.005.
- Ibanez, B., James, S., Agewall, S., Antunes, M.J., Bucciarelli-Ducci, C., et al. (2018) 2017 ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. *Euroheartj*. 39 (2), 119–177. doi:10.1093/eurheartj/ehx393.
- Imig, J.D. & Ryan, M.J. (2013) Immune and inflammatory role in renal disease. *Comprehensive Physiology*. 3 (2), 957–976. doi:10.1002/cphy.c120028.
- Islam, M.S., Ara, Mst.I., Rahman, M.H.A., Ullah, M., Rahman, M.M., Alam, M.S., Shikder, M.R., Kaiser, M.A., Khan, M.A.Z.M. & Rahman, M.M. (2022) Superiority of Admission Blood Urea Nitrogen over Serum Creatinine in Predicting In-Hospital Outcome of Patients with Acute Coronary Syndrome. *Cardiovascular Journal*. 14 (2), 135–142. doi:10.3329/cardio.v14i2.58778.
- Jung, R.G., Stotts, C., Gupta, A., Prosperi-Porta, G., Dhaliwal, S., et al. (2024) Prognostic Factors Associated with Mortality in Cardiogenic Shock - A Systematic Review and Meta-Analysis. *NEJM evidence*. 3 (11), EVIDo2300323. doi:10.1056/EVIDo2300323.
- Kain, V., Ingle, K.A., Colas, R.A., Dalli, J., Prabhu, S.D., Serhan, C.N., Joshi, M. & Halade, G. V (2015) Resolvin D1 activates the inflammation resolving response at splenic and ventricular site following myocardial infarction leading to improved ventricular function. *Journal of molecular and cellular cardiology*. 84, 24–35. doi:10.1016/j.yjmcc.2015.04.003.
- Komosa, A., Lesiak, M., Krasieński, Z., Grygier, M., Siniawski, A., Skorupski, W., Olasińska-Wiśniewska, A., Pyda, M., Araszkiwicz, A., Mitkowski, P., Grajek, S., Mularek-Kubzdela, T., Hengstenberg, C. & Siller-Matula, J.M. (2019) Optimal Timing of P2Y12 Inhibitor Loading in Patients Undergoing PCI: A Meta-Analysis. *Thrombosis and Haemostasis*. 119, 1000–1020. https://api.semanticscholar.org/CorpusID:85544616.

- Lawler, P.R., Filion, K.B., Dourian, T., Atallah, R., Garfinkle, M. & Eisenberg, M.J. (2013) Anemia and mortality in acute coronary syndromes: a systematic review and meta-analysis. *American heart journal*. 165 (2), 143-53.e5. doi:10.1016/j.ahj.2012.10.024.
- Leonardi, S., Gragnano, F., Carrara, G., Gargiulo, G., Frigoli, E., et al. (2021) Prognostic Implications of Declining Hemoglobin Content in Patients Hospitalized With Acute Coronary Syndromes. *Journal of the American College of Cardiology*. 77 (4), 375–388. doi:10.1016/j.jacc.2020.11.046.
- Li, F., Xin, H., Zhang, J., Fu, M., Zhou, J. & Lian, Z. (2021) Prediction model of in-hospital mortality in intensive care unit patients with heart failure: machine learning-based, retrospective analysis of the MIMIC-III database. *BMJ open*. 11 (7), e044779. doi:10.1136/bmjopen-2020-044779.
- Liu, Y.H., Liu, Y., Tan, N., Chen, J.-Y., Chen, J., Chen, S.-H., He, Y.-T., Ran, P., Ye, P. & Li, Y. (2014) Predictive value of GRACE risk scores for contrast-induced acute kidney injury in patients with ST-segment elevation myocardial infarction before undergoing primary percutaneous coronary intervention. *International urology and nephrology*. 46 (2), 417–426. doi:10.1007/s11255-013-0598-5.
- Ma, Q.Q., Fan, X. De, Li, T., Hao, Y.Y. & Ma, F. (2018) Short- and long-term prognostic value of hyponatremia in patients with acute coronary syndrome: A systematic review and metaanalysis. *PLoS ONE*. 13 (3), 1–16. doi:10.1371/journal.pone.0193857.
- Marenzi, G. (2012) Chronic kidney disease in acute coronary syndromes. *World Journal of Nephrology*. 1 (5), 134. doi:10.5527/wjn.v1.i5.134.
- Mathis, B.J., Tanaka, K. & Hiramatsu, Y. (2022) Factors of Obesity and Metabolically Healthy Obesity in Asia. *Medicina (Lithuania)*. 58 (9), 1–18. doi:10.3390/medicina58091271.
- McDonagh, T.A., Metra, M., Adamo, M., Baumach, A., Böhm, M., et al. (2021) 2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. *European Heart Journal*. 42 (36), 3599–3726. doi:10.1093/eurheartj/ehab368.
- de Mello, B.H.G., Oliveira, G.B.F., Ramos, R.F., Lopes, B.B.C., Barros, C.B.S., de Oliveira Carvalho, E., Teixeira, F.B.P., Arruda, G.D.S., Revelo, M.S.C. & Piegas, L.S. (2014) Validation of the killip–kimball classification and late mortality after acute myocardial infarction. *Arquivos Brasileiros de Cardiologia*. (2), 107–117. doi:10.5935/abc.20140091 LK.
- Meregildo-rodriguez, E.D., Asmat-rubio, M.G., Rojas-benites, M.J. & V, G.A. (2023) *Acute Coronary Syndrome , Stroke , and Mortality after Community-Acquired Pneumonia : Systematic Review and Meta-Analysis*.
- Morrow, D.A., Antman, E.M., Charlesworth, A., Cairns, R., Murphy, S.A., de Lemos, J.A., Giugliano, R.P., McCabe, C.H. & Braunwald, E. (2000) TIMI Risk Score for ST-Elevation Myocardial Infarction: A Convenient, Bedside, Clinical Score for Risk Assessment at Presentation . *Circulation*. 102 (17), 2031–2037. doi:10.1161/01.CIR.102.17.2031.
- Navarese, E.P., Verdoia, M., Schaffer, A., Suriano, P., Koziński, M., Castriota, F., Servi, S. De, Kubica, J. & Luca, G. De (2011a) Ischaemic and bleeding complications with new, compared to standard, ADP-antagonist regimens in acute coronary syndromes: a meta-analysis of randomized trials. *QJM : monthly journal of the Association of Physicians*. 104 7, 561–569. <https://api.semanticscholar.org/CorpusID:14707318>.
- O’Gara, P.T., Kushner, F.G., Ascheim, D.D., Casey, D.E.J., Chung, M.K., 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. *Circulation*. 127 (4), e362-425. doi:10.1161/CIR.0b013e3182742cf6.

- Ohira, T. & Iso, H. (2013) Cardiovascular disease epidemiology in Asia - An overview. *Circulation Journal*. 77 (7), 1646–1652. doi:10.1253/circj.CJ-13-0702.
- Ortega-Hernández, J., Springall, R., Sánchez-Muñoz, F., Arana-Martinez, J.C., González-Pacheco, H. & Bojalil, R. (2017) Acute coronary syndrome and acute kidney injury: Role of inflammation in worsening renal function. *BMC Cardiovascular Disorders*. 17 (1), 1–11. doi:10.1186/s12872-017-0640-0.
- Palmerini, T., Genereux, P., Caixeta, A., Cristea, E., Lansky, A., Mehran, R., Della Riva, D., Fahy, M., Xu, K. & Stone, G.W. (2012) A new score for risk stratification of patients with acute coronary syndromes undergoing percutaneous coronary intervention: the ACUITY-PCI (Acute Catheterization and Urgent Intervention Triage Strategy- Percutaneous Coronary Intervention) risk score. *JACC. Cardiovascular interventions*. 5 (11), 1108–1116. doi:10.1016/j.jcin.2012.07.011.
- Perelshtein Brezinov, O., Klempfner, R., Zekry, S. Ben, Goldenberg, I. & Kuperstein, R. (2017) Prognostic value of ejection fraction in patients admitted with acute coronary syndrome: A real world study. *Medicine*. 96 (9), e6226. doi:10.1097/MD.00000000000006226.
- Peyracchia, M., Errigo, D., Rubin, S.R., Conrotto, F., Dinicolantonio, J.J., Omede, P., Rettegno, S., Iannaccone, M., Moretti, C., Damico, M., Gait, F. & Dascenzo, F. (2018) Beta-blocker therapy reduces mortality in patients with coronary artery disease treated with percutaneous revascularization: A meta-analysis of adjusted results. *Journal of Cardiovascular Medicine*. 19 (7), 337–343. doi:10.2459/JCM.0000000000000662.
- Qanitha, A., Qalby, N., Amir, M., Uiterwaal, C.S.P.M., Henriques, J.P.S., de Mol, B.A.J.M. & Mappangara, I. (2022) Clinical Cardiology in South East Asia: Indonesian Lessons from the Present towards Improvement. *Global Heart*. 17 (1). doi:10.5334/GH.1133.
- Ran, P., Yang, J.-Q., Li, J., Li, G., Wang, Y., Qiu, J., Zhong, Q., Wang, Y., Wei, X.-B., Huang, J.-L., Siu, C.-W., Zhou, Y.-L., Zhao, D., Yu, D.-Q. & Chen, J.-Y. (2021) A risk score to predict in-hospital mortality in patients with acute coronary syndrome at early medical contact: results from the Improving Care for Cardiovascular Disease in China-Acute Coronary Syndrome (CCC-ACS) Project. *Annals of translational medicine*. 9 (2), 167. doi:10.21037/atm-21-31.
- Rangaswami, J., Bhalla, V., Blair, J.E.A., Chang, T.I., Costa, S., Lentine, K.L., Lerma, E. V., Mezue, K., Mollitch, M., Mullens, W., Ronco, C., Tang, W.H.W. & McCullough, P.A. (2019) *Cardiorenal Syndrome: Classification, Pathophysiology, Diagnosis, and Treatment Strategies: A Scientific Statement From the American Heart Association*. doi:10.1161/CIR.0000000000000664.
- Richardson, A.C.R., Borgeson, J.R., Harrison, R. Van, Wyckoff, J.A., Yoo, A.S., Consultants, P., Aikens, J.E., Griauzde, D.H., Tincopa, M.A., Harrison, G.O.R. Van, Proudlock, A.L. & Rew, K.T. (n.d.) *Management of Type 2 Diabetes Mellitus*. (Table 3).
- Roffi, M., Patrono, C., Collet, J.-P., Mueller, C., Valgimigli, M., et al. (2016) 2015 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation: Task Force for the Management of Acute Coronary Syndromes in Patients Presenting without Persistent ST-Segment Elevation of. *European heart journal*. 37 (3), 267–315. doi:10.1093/eurheartj/ehv320.
- Ronco, C., Cicoira, M. & McCullough, P.A. (2012) Cardiorenal syndrome type 1: pathophysiological crosstalk leading to combined heart and kidney dysfunction in the setting of acutely decompensated heart failure. *Journal of the American College of Cardiology*. 60 (12), 1031–1042. doi:10.1016/j.jacc.2012.01.077.
- Ronco, C., McCullough, P., Anker, S.D., Anand, I., Aspromonte, N., et al. (2010) Cardio-renal syndromes: report from the consensus conference of the acute dialysis quality initiative. *European heart journal*. 31 (6), 703–711. doi:10.1093/eurheartj/ehp507.

- Sánchez-Martínez, M., Flores-Blanco, P.J., López-Cuenca, Á.A., Sánchez-Galián, M.J., Gómez-Molina, M., Cambroner-Sánchez, F., Guerrero-Pérez, E., Valdés, M., Januzzi, J.L. & Manzano-Fernández, S. (2017) Evaluation of the CRUSADE Risk Score for Predicting Major Bleeding in Patients with Concomitant Kidney Dysfunction and Acute Coronary Syndromes. *Cardiorenal medicine*. 7 (3), 179–187. doi:10.1159/000455102.
- Scrutinio, D., Passantino, A., Santoro, D. & Catanzaro, R. (2011) The cardiorenal anaemia syndrome in systolic heart failure: prevalence, clinical correlates, and long-term survival. *European journal of heart failure*. 13 (1), 61–67. doi:10.1093/eurjhf/hfq167.
- Siller-Matula, J.M., Huber, K., Christ, G., Schrör, K., Kubica, J., Herkner, H. & Jilma, B. (2010) Impact of clopidogrel loading dose on clinical outcome in patients undergoing percutaneous coronary intervention: a systematic review and meta-analysis. *Heart*. 97, 105–198. <https://api.semanticscholar.org/CorpusID:43660309>.
- Solomon, A., Blum, A., Peleg, A., Lev, E.I., Leshem-Lev, D. & Hasin, Y. (2012) Endothelial progenitor cells are suppressed in anemic patients with acute coronary syndrome. *The American journal of medicine*. 125 (6), 604–611. doi:10.1016/j.amjmed.2011.10.025.
- Song, D., de Zoysa, J.R., Ng, A. & Chiu, W. (2012) Troponins in acute kidney injury. *Renal failure*. 34 (1), 35–39. doi:10.3109/0886022X.2011.623440.
- Steg, P.G., Goldberg, R.J., Gore, J.M., Fox, K.A.A., Eagle, K.A., Flather, M.D., Sadiq, I.R., Kasper, R., Rushton-Mellor, S.K. & Anderson, F.A. (2002) Baseline characteristics, management practices, and in-hospital outcomes of patients hospitalized with acute coronary syndromes in the Global Registry of Acute Coronary Events (GRACE). *The American journal of cardiology*. 90 4, 358–363. <https://api.semanticscholar.org/CorpusID:11218698>.
- Syyli, N., Hautamäki, M., Antila, K., Mahdiani, S., Eskola, M., Lehtimäki, T., Nikus, K., Lyytikäinen, L.-P., Oksala, N. & Hernesniemi, J. (2019) Left ventricular ejection fraction adds value over the GRACE score in prediction of 6-month mortality after ACS: the MADDEC study. *Open heart*. 6 (1), e001007. doi:10.1136/openhrt-2019-001007.
- Tikkanen, E., Havulinna, A.S., Palotie, A., Salomaa, V. & Ripatti, S. (2013) Genetic risk prediction and a 2-stage risk screening strategy for coronary heart disease. *Arteriosclerosis, thrombosis, and vascular biology*. 33 (9), 2261–2266. doi:10.1161/ATVBAHA.112.301120.
- Timóteo, A.T., Papoila, A.L., Rio, P., Miranda, F., Ferreira, M.L. & Ferreira, R.C. (2014) Prognostic impact of admission blood glucose for all-cause mortality in patients with acute coronary syndromes: added value on top of GRACE risk score. *European heart journal. Acute cardiovascular care*. 3 (3), 257–263. doi:10.1177/2048872614528858.
- Tonelli, M., Wiebe, N., Cullerton, B., House, A., Rabbat, C., Fok, M., McAlister, F. & Garg, A.X. (2006) Chronic kidney disease and mortality risk: a systematic review. *Journal of the American Society of Nephrology : JASN*. 17 (7), 2034–2047. doi:10.1681/ASN.2005101085.
- Tralhao, A. & Pova, P. (2020) Cardiovascular Events after Community-Acquired Pneumonia : A Global Perspective with Systematic Review and Meta-Analysis of Observational Studies. *Journal of Clinical Medicine*. 9 (414), 1–23. doi:<https://doi.org/10.3390/jcm9020414>.
- Tscherny, K., Kienbacher, C., Fuhrmann, V., van Tulder, R., Schreiber, W., Herkner, H. & Roth, D. (2020) Risk stratification in acute coronary syndrome: Evaluation of the GRACE and CRUSADE scores in the setting of a tertiary care centre. *International Journal of Clinical Practice*. 74 (2), 1–6. doi:10.1111/ijcp.13444.
- Vahdatpour, C., Collins, D. & Goldberg, S. (2019) Cardiogenic Shock. *J Am Heart Assoc*. 8, 11991. doi:10.1161/JAHA.119.011991.

- Violi, F., Cangemi, R., Falcone, M., Taliani, G., Pieralli, F., Vannucchi, V., Nozzoli, C., Venditti, M., Chirinos, J.A. & Corrales-Medina, V.F. (2017) Cardiovascular complications and short-term mortality risk in community-acquired pneumonia. *Clinical Infectious Diseases*. 64 (11), 1486–1493. doi:10.1093/cid/cix164.
- Vyas, A., Accaoui, R. El, Blevins, A.E. & Karrowni, W. (2014) Outcome Comparison of 600 mg versus 300 mg Loading dose of Clopidogrel for Patients with ST-Elevation Myocardial Infarction: A Meta-Analysis. *Postgraduate Medicine*. 126, 177–187. <https://api.semanticscholar.org/CorpusID:22042747>.
- Wasyanto, T. & Tridamayanti, A. (2019) Blood Urea Nitrogen as a Predictor of In-Hospital Mortality in Acute Coronary Syndrome Patients. *Indonesian Journal of Medicine*. <https://api.semanticscholar.org/CorpusID:203811719>.
- Van de Werf, F., Bax, J., Betriu, A., Blomstrom-Lundqvist, C., Crea, F., Falk, V., Filippatos, G., Fox, K., Huber, K., Kastrati, A., Rosengren, A., Steg, P.G., Tubaro, M., Verheugt, F., Weidinger, F. & Weis, M. (2008) Management of acute myocardial infarction in patients presenting with persistent ST-segment elevation: the Task Force on the Management of ST-Segment Elevation Acute Myocardial Infarction of the European Society of Cardiology. *European heart journal*. 29 (23), 2909–2945. doi:10.1093/eurheartj/ehn416.
- WHO (2020) *Health at a glance*.
- Widimsky, P. & Rychlik, I. (2010) Renal disease and acute coronary syndrome. *Heart*. 96 (1), 86–92. doi:10.1136/hrt.2008.161034.
- Wilson, P.W., D'Agostino, R.B., Levy, D., Belanger, A.M., Silbershatz, H. & Kannel, W.B. (1998) Prediction of coronary heart disease using risk factor categories. *Circulation*. 97 (18), 1837–1847. doi:10.1161/01.cir.97.18.1837.
- Wong, C.-K. & White, H.D. (2005) Value of community-derived risk models for stratifying patients with non-ST elevation acute coronary syndromes. *European heart journal*. 26 (9) pp.851–852. doi:10.1093/eurheartj/ehi214.
- Zamiri, N., Alradaddi, H., Adli, T., Jolly, S., Ainsworth, C., Whitlock, R., Panchal, P., Chen, M., Mehta, S. & Belley-Cote, E. (2020) Efficacy of betablockers in patients with acute coronary syndrome: a systematic review and meta analysis of randomized trials. *European Heart Journal*. 41 (Supplement_2), 2020. doi:10.1093/ehjci/ehaa946.1741.
- Zhang, X., Wang, X., Xu, L., Liu, J., Ren, P. & Wu, H. (2023) The predictive value of machine learning for mortality risk in patients with acute coronary syndromes: a systematic review and meta-analysis. *European Journal of Medical Research*. 28 (1), 1–13. doi:10.1186/s40001-023-01027-4.
- Zhao, D. (2021) Epidemiological Features of Cardiovascular Disease in Asia. *JACC: Asia*. 1 (1), 1–13. doi:<https://doi.org/10.1016/j.jacasi.2021.04.007>.