

DAFTAR PUSTAKA

- Abu-Assi, E., Bernal, J., Raposeiras-Roubin, S., Elola, F., Fernández Pérez, C., dan Íñiguez-Romo, A., (2019). Temporal trends and prognostic impact of length of hospital stay in uncomplicated ST-segment elevation myocardial infarction in Spain. *Rev Esp Cardiol (English ed.)*, S1885-5857(19), pp.30368-8.
- Agustina, R., Dartanto, T., Sitompul, R., Susiloretni, K. A., Suparmi, Achadi, E.L., Taher, A., Wirawan, F., Sungkar, S., Sudarmono, P., Shankar, A. H., Thabrany, H., dan Indonesian Health System Group (2019). Universal health coverage in Indonesia: concept, progress, and challenges. *Lancet*, 393 (10166), pp.75-102.
- Alnajashi, M., Almasoud, M., Aldaham, S., Acuña, J. and Zevallos, J., 2016. Association of gender and length of stay among Puerto Ricans hospitalized with decompensated heart failure. *Medicine*, 95(29), p.e4255.
- Amsterdam, E., Wenger, N., Brindis, R., Casey, D., Ganiats, T., Holmes, D., Jaffe, A., Jneid, H., Kelly, R., Kontos, M., Levine, G., Liebson, P., Mukherjee, D., Peterson, E., Sabatine, M., Smalling, R., dan Zieman, S. (2014). 2014 AHA/ACC guideline for the management of patients with non-ST-elevation acute coronary syndromes. *Circulation*, 130(25), pp.e139-228.
- Austin, S., Wong, Y., Uzzo, R., Beck, J. and Egleston, B., 2015. Why Summary Comorbidity Measures Such As the Charlson Comorbidity Index and Elixhauser Score Work. *Med Care*, 53(9), pp.e65-e72.
- Badan Penelitian dan Pengembangan Kesehatan Republik Indonesia. (2013). Riset Kesehatan Dasar. Jakarta: Kementerian Kesehatan RI.
- Baek, H., Cho, M., Kim, S., Hwang, H., Song, M., dan Yoo, S., 2018. Analysis of length of hospital stay using electronic health records: A statistical and data mining approach. *PLOS ONE*, 13(4), p.e0195901.
- Bastante, T., Rivero, F., Cuesta, J., Benedicto, A., Restrepo, J. dan Alfonso, F. (2014). Nonatherosclerotic causes of acute coronary syndrome: recognition and management. *Curr Cardiol Rep*, 16(11), p.543.
- Berger, A., Duval, S., Jacobs, D., Barber, C., Vazquez, G., Lee, S. dan Luepker, R. (2008). Relation of Length of Hospital Stay in Acute Myocardial Infarction to Postdischarge Mortality. *Am J Cardiol*, 101(4), pp. 428-434.

- Bramkamp, M., Radovanovic, D., Erne, P. dan Szucs, T. (2007). Determinants of costs and the length of stay in acute coronary syndromes: a real life analysis of more than 10 000 patients. *Cardiovasc Drugs and Ther*, 21(5), pp. 389-398.
- Butler, M., Collins, R., Drennan, J., Halligan, P., O'Mathúna, D., Schultz, T., Sheridan, A. dan Vilis, E., (2011). Hospital nurse staffing models and patient and staff-related outcomes. *Cochrane Database Syst Rev.*, 6(7), p.CD007019.
- Charlson, M., Pompei, P., Ales, K., dan MacKenzie, C., (1987). A new method of classifying prognostic comorbidity in longitudinal studies: Development and validation. *J Chron Dis*, 40(5), pp.373-383.
- Christensen, D., Strange, J., Gislason, G., Torp-Pedersen, C., Gerds, T., Fosbøl, E. dan Phelps, M., 2020. Charlson comorbidity index score and risk of severe outcome and death in danish covid-19 patients. *J Gen Intern Med*, 35(9), pp.2801-2803.
- Davignon, J. dan Ganz, P., (2004). Role of endothelial dysfunction in atherosclerosis. *Circulation*, 109(suppl), pp. III-27-III-32.
- De Groot, V., Beckerman, H., Lankhorst, G., Bouter, L. (2003). How to measure comorbidity. A critical review of available methods. *J Clin Epidemiol*, 56(3), pp.221-229.
- Dharma, S., Andriantoro, H., Purnawan, I., Dakota, I., Basalamah, F., Hartono, B., Rasmin, R., Isnaniyah, H., Yamin, M., Wijaya, I., Pratama, V., Gunawan, T., Juwana, Y., Suling, F., Witjaksono, A., Lasanudin, H., Iskandarsyah, K., Priatna, H., Tedjasukmana, P., Wahyumandradi, U., Kosasih, A., Budhiarti, I., Pribadi, W., Wirianta, J., Lubiantoro, U., Pramesti, R., Widowati, D., Aminda, S., Basalamah, M. dan Rao, S., (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(8), p. e012193.
- Elixhauser, A., Steiner, C., Harris, D., dan Coffey, R., (1998). Comorbidity measures for use with administrative data. *Med Care*, 36(1), pp.8-27.
- Fasipe, O., Akhideno, P. and Owhin, O., 2019. The observed effect of adverse drug reactions on the length of hospital stay among medical inpatients in a Nigerian University Teaching Hospital. *Toxicology Research and Application*, 3, p.239784731985045.
- Feinstein, A. (1970). Pre-therapeutic classification of co-morbidity in chronic disease. *J Chronic Dis*, 23(7), pp.455-468

- Gaziano, T. (2005). Cardiovascular disease in the developing world and its cost-effective management. *Circulation*, 112(23), pp. 3547-3553.
- GBD 2017 Cause of Deaths Collaborators. (2018). Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet*, 392(10159), pp. 1736-1788.
- Gimbrone, M. dan García-Cardena, G. (2016). Endothelial Cell Dysfunction and the Pathobiology of Atherosclerosis. *Circ Res*, 118(4), pp. 620-636.
- Goodwill, A., Dick, G., Kiel, A. and Tune, J. (2017). Regulation of coronary blood flow. *Compr Physio*, 7(2), pp. 321-382.
- Guterman, S. dan Dobson, A. (1986). Impact of Medicare prospective payment system for hospitals. *Health Care Financ Rev*, 7(3), pp. 97-114.
- Hamada, H., Sekimoto, M. and Imanaka, Y., (2012). Effects of the per diem prospective payment system with DRG-like grouping system (DPC/PDPS) on resource usage and healthcare quality in Japan. *Health Policy*, 107(2-3), pp.194-201.
- Han, H., Wei, X., He, Q., Yu, Y., Ruan, Y., Wu, C., Cao, Y., Herzog, E. and He, J., (2019). Comparison of in-hospital mortality and length of stay in acute st-segment-elevation myocardial infarction among urban teaching hospitals in china and the united states. *J Am Heart Assoc*, 8(22), p.e012054.
- Huynh, T., Perron, S., O'Loughlin, J., Joseph, L., Labrecque, M., Tu, J. and Thérioux, P., (2009). Comparison of primary percutaneous coronary intervention and fibrinolytic therapy in st-segment-elevation myocardial infarction. *Circulation*, 119(24), pp.3101-3109.
- Ibanez, B., James, S., Agewall, S., Antunes, M., Bucciarelli-Ducci, C., Bueno, H., Caforio, A., Crea, F., Goudevenos, J., Halvorsen, S., Hindricks, G., Kastrati, A., Lenzen, M., Prescott, E., Roffi, M., Valgimigli, M., Varenhorst, C., Vranckx, P. dan Widimský, P. (2017). 2017 ESC guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. *Eur Heart J*, 39(2), pp. 119-177.
- Inabnit, L., Blanchette, C., dan Ruban, C., (2018). Comorbidities and length of stay in chronic obstructive pulmonary disease patients. *COPD*, 15(4), pp.355-360.

- Ingeman, A., Andersen, G., Hundborg, H., Svendsen, M. dan Johnsen, S., (2011). In-Hospital Medical Complications, Length of Stay, and Mortality Among Stroke Unit Patients. *Stroke*, 42(11), pp.3214-3218.
- Institute of Health Metrics and Evaluation (IHME), (2018). Indonesia profile. Seattle, WA: IHME, University of Washington. Tersedia di: <http://www.healthdata.org/indonesia/>. (Diakses 10 Januari 2021).
- Itabe, H., Obama, T. dan Kato, R., (2011). The dynamics of oxidized ldl during atherogenesis. *J Lipids*, 2011, pp.1-9.
- Jan, S., Lee, S., Sawhney, J., Ong, T., Chin, C., Kim, H., Kittayaphong, R., Nhan, V., Pocock, S., Vega, A., Hayashi, N. and Huo, Y., (2018). Predictors of high-cost hospitalization in the treatment of acute coronary syndrome in Asia: findings from EPICOR Asia. *BMC Cardiovasc Disord*, 18(1).
- Jimenez, R., Lopez, L., Dominguez, D. and Farinas, H., (1999). Difference between observed and predicted length of stay as an indicator of inpatient care inefficiency. *Int J Qual Health Care*, 11(5), pp.375-384.
- Khouw, N., Wasim, M., Aziz, A., Uppal, H., Chandran, S. and Potluri, R., (2014). Length of hospital stay is shorter in South Asian patients with myocardial infarction. *Int J Cardiol*, 171(2), pp.e54-e55.
- Kociol, R., Lopes, R., Clare, R., Thomas, L., Mehta, R., Kaul, P., Pieper, K., Hochman, J., Weaver, W., Armstrong, P., Granger, C. and Patel, M., (2012). International variation in and factors associated with hospital readmission after myocardial infarction. *JAMA*, 307(1), p.66.
- Lakshmi, S., Gowda, H., dan Sadananda, S. (2017) A study of drug utilization trends in acute coronary syndrome in intensive cardiac care unit at a tertiary care hospital, Mysore. *Int J Basic Clin Pharmacol*, 6(2), pp.344-348.
- Lash, T., Mor, V., Wieland, D., Ferrucci, L., Satiriano, W. dan Silliman, R., (2007). Methodology, design, and analytic techniques to address measurement of comorbid disease. *J Gerontol A Biol Sci Med Sci*, 62(3), pp.281-285.
- Linton M.R.F., Yancey P. G., Davies S. S., Yancey, G. P., Davies, S. S., Jerome, G., Linton, E. F., Song, W. L., Doran, A. C., dan Vickers, K. C. (2019). 'The Role of Lipids and Lipoproteins in Atherosclerosis', dalam: Feingold K. R., Anawalt B., Boyce A., Chrousos, G., Dungan, K., Grossman, A., Hershman, J., Kaltsas, G., Koch, C. A., Kopp, P., Korbonits, M., McGee, A., McLachlan, R., Morley, J., New, M., Perreault, L., Purnell, J. Q., Rebar, R., Sarne, D., Singer, F., Trencle, D., Vinik, A., dan Wilson, D. P. Editor. Endotext [Internet]. South Dartmouth (MA): MDText.com, Inc.; 2000-. Tersedia di: <https://www.ncbi.nlm.nih.gov/books/NBK343489/>

- Liu, H., Wu, X., Cao, J., Jiao, J., Zhu, C., Song, B., Jin, J., Liu, Y., Wen, X., dan Cheng, S. (2020). Effect of comorbidity assessed by the charlson comorbidity index on the length of stay and mortality among immobile hemorrhagic stroke patients younger than 50 years. *Front Neurol*, 11, p.487.
- Magalhães, T., Lopes, S., Gomes, J. and Seixo, F., 2015. The predictive factors on extended hospital length of stay in patients with AMI: laboratory and administrative data. *J Med Syst*, 40(1), p.2.
- Mahendradhata, Y., Trisnantoro, L., Listyadewi, S., Soewondo, P., Marthias, T., Harimurti, P., dan Prawira, J. (2017). *Republic of Indonesia: Health System Review*. India: World Health Organization
- Mahmuda, I.N.N., Rezki, Y.N., dan Priscillah, W. (2018). Hiperglikemia sebagai prediktor keberhasilan pengobatan pasien dengan sindrom koroner akut di RSUD X Surakarta. *Biomedika*, 10(2), pp.120-125.
- Malik, A., Siddiqui, N. dan Aronow, W. (2018). Unstable angina: trends and characteristics associated with length of hospitalization in the face of diminishing frequency—an evidence of a paradigm shift. *Ann Transl Med*, 6(23), p.454.
- Masnoon, N., Shakib, S., Kalisch-Ellett, L., Caughey, G., (2017). What is polypharmacy? A systematic review of definitions. *BMC Geriatr*, 17(1), p.230.
- Matsui, K., Goldman, L., Johnson, P., Kuntz, K., Cook, E. and Lee, T., (1996). Comorbidity as a correlate of length of stay for hospitalized patients with acute chest pain. *J Gen Intern Med*, 11(5), pp.262-268.
- Miyachi, H., Takagi, A., Miyauchi, K., Yamasaki, M., Tanaka, H., Yoshikawa, M., Saji, M., Suzuki, M., Yamamoto, T., Shimizu, W., Nagao, K. and Takayama, M., 2016. Current characteristics and management of ST elevation and non-ST elevation myocardial infarction in the Tokyo metropolitan area: from the Tokyo CCU network registered cohort. *Heart and Vessels*, 31(11), pp.1740-1751.
- Moisoglou, I., Galanis, P., Meimeti, E., Drellozi, A., Kolovos, P. and Prezerakos, P., 2019. Nursing staff and patients' length of stay. *Int J Health Care Qual Assur*, 32(6), pp.1004-1012.
- Moura, C., Acurcio, F. and Belo, N., 2009. Drug-Drug Interactions Associated with Length of Stay and Cost of Hospitalization. *J Pharm Pharm Sci*, 12(3), p.266.

- Nishida, S., Hayashi, Y., Suzuki, A., Kobayashi, R., Inuzuka, T., Itoh, Y. (2018). Relationship between number of drugs and duration of hospital stay in older patients with neuromuscular diseases. *Geriatr Gerontol Int*, 18(7), pp. 1018-1024.
- Novobilský, K., Kryza, R., Černý, P., Kaučák, V., Mrózek, J. dan Horák, I., (2015). Early discharge (within 72 h) in low risk patients after acute ST-segment elevation myocardial infarction treated with primary percutaneous coronary intervention. Single centre experience. *Cor et Vasa*, 57(1), pp.e45-e49.
- Ofori-Asenso, R., Liew, D., Mårtensson, J. and Jones, D., 2020. The Frequency of, and Factors Associated with Prolonged Hospitalization: A Multicentre Study in Victoria, Australia. *J Clin Med*, 9(9), p.3055.
- Ofori-Asenso, R., Zomer, E., Chin, K., Markey, P., Si, S., Ademi, Z., Curtis, A., Zoungas, S., dan Liew, D. (2019). Prevalence and impact of non-cardiovascular comorbidities among older adults hospitalized for non-ST segment elevation acute coronary syndrome. *Cardiovasc Diagn Ther*, 9(3), pp.250-261.
- Ofori-Asenso, R., Zomer, E., Chin, K., Si, S., Markey, P., Tacey, M., Curtis, A., Zoungas, S., dan Liew, D. (2018). Effect of comorbidity assessed by the charlson comorbidity index on the length of stay, costs and mortality among older adults hospitalised for acute stroke. *Int J Environ Res Public Health*, 15(11), p.2532.
- Oktarina, R., Karani, Y., dan Edward, Z. (2013). Hubungan kadar glukosa darah saat masuk dengan lama hari rawat pasien sindrom koroner akut di RSUP Dr. M. Djamil Padang. *Jurnal Kesehatan Andalas*, 2(2), pp.94-97.
- Peiyuan, H., Jingang, Y., Haiyan, X., Xiaojin, G., Ying, X., Yuan, W., Wei, L., Yang, W., Xinran, T., Ruohua, Y., Chen, J., Lei, S., Xuan, Z., Rui, F., Yunqing, Y., Qiuting, D., Hui, S., Xinxin, Y., Runlin, G. and Yuejin, Y., 2016. The comparison of the outcomes between primary pci, fibrinolysis, and no reperfusion in patients ≥ 75 years old with st-segment elevation myocardial infarction: results from the chinese acute myocardial infarction (CAMI) registry. *PLoS One*, 11(11), p.e0165672.
- Perhimpunan Dokter Spesialis Kardiovaskular Indonesia (PERKI). (2016). *Panduan Praktik Klinis (PPK) dan Clinical Pathway (CP) Penyakit Jantung dan Pembuluh Darah*. Tidak diterbitkan. Tersedia di: www.inaheart.org [Diakses 29 Desember 2020]
- Perhimpunan Dokter Spesialis Kardiovaskular Indonesia (PERKI). (2018). *Pedoman Tata Laksana Sindrom Koroner Akut*. Edisi keempat. Tidak diterbitkan. Tersedia di: www.inaheart.org [Diakses 12 Maret 2020].

- Protty, M., Lacey, A., Smith, D., Hannoodee, S., dan Freeman, P., (2017). Increased morbidity, mortality and length of in-hospital stay for patients with acute coronary syndrome with pre-morbid psychiatric diagnoses. *Int J Cardiol*, 236, pp.5-8.
- Radovanovic, D., Seifert, B., Urban, P., Eberli, F., Rickli, H., Bertel, O., Puhan, M. and Erne, P., 2013. Validity of charlson comorbidity index in patients hospitalised with acute coronary syndrome. insights from the nationwide AMIS plus registry 2002–2012. *Heart*, 100(4), pp.288-294.
- Ralapanawa, U., Kumarasiri, P., Jayawickreme, K., Kumarihamy, P., Wijeratne, Y., Ekanayake, M., Dissanayake, C. (2019). Epidemiology and risk factors of patients with types of acute coronary syndrome presenting to a tertiary care hospital in Sri Lanka. *BMC Cardiovasc Disord*, 19(1), p.229
- Rotter, T., Kugler, J., Koch, R., Gothe, H., Twork, S., van Oostrum, J. and Steyerberg, E., 2008. A systematic review and meta-analysis of the effects of clinical pathways on length of stay, hospital costs and patient outcomes. *BMC Health Serv Res*, 8(1).
- Saczynski, J., Lessard, D., Spencer, F., Gurwitz, J., Gore, J., Yarzebski, J. dan Goldberg, R. (2010). Declining length of stay for patients hospitalized with ami: impact on mortality and readmissions. *Am J Med*, 123(11), pp.1007-1015.
- Soekhlal, R., Burgers, L., Redekop, W. dan Tan, S. (2013). Treatment costs of acute myocardial infarction in the Netherlands. *Neth Heart J*, 21(5), pp.230-235.
- Swets, J. A. (1996). *Signal Detection Theory and ROC Analysis in Psychology and Diagnostics*. New York: Psychology Press.
- Tan, S. dan Melendez-Torres, G., (2017). Do prospective payment systems (PPSs) lead to desirable providers' incentives and patients' outcomes? A systematic review of evidence from developing countries. *Health Policy Plan*, 33(1), pp.137-153.
- Thygesen, K., Alpert, J., Jaffe, A., Chaitman, B., Bax, J., Morrow, D., White, H., dan ESC Scientific Document Group. (2018). Fourth universal definition of myocardial infarction (2018). *Eur Heart J*, 40(3), pp. 237-269.
- Tickoo, S., Bhardwaj, A., Fonarow, G., Liang, L., Bhatt, D. dan Cannon, C. (2016). Relation between hospital length of stay and quality of care in patients with acute coronary syndromes (from the american heart association's get with the guidelines—coronary artery disease data set). *Am J Cardiol*, 117(2), pp.201-205.

- Vavalle, J., Lopes, R., Chen, A., Newby, L., Wang, T., Shah, B., Ho, P., Wiviott, S., Peterson, E., Roe, M., dan Granger, C., (2012). Hospital length of stay in patients with non-st-segment elevation myocardial infarction, *Am J Med*, 125(11), pp.1085-1094.
- Vetrano, D., Landi, F., De Buyser, S., Carfi, A., Zuccalà, G., Petroviv, M., Volpato, S., Cherubini, A., Corsonello, A., Bernabei, R., dan Onder, G. (2014). Predictors of length of hospital stay among older adults admitted to acute care wards: a multicenter observational study. *Eur J Intern Med*, 25(1), pp.56-62.
- Virani, S., Alonso, A., Benjamin, E., Bittencourt, M., Callaway, C., Carson, A., Chamberlain, A., Chang, A., Cheng, S., Delling, F., Djousse, L., Elkind, M., Ferguson, J., Fornage, M., Khan, S., Kissela, B., Knutson, K., Kwan, T., Lackland, D., Lewis, T., Lichtman, J., Longenecker, C., Loop, M., Lutsey, P., Martin, S., Matsushita, K., Moran, A., Mussolino, M., Perak, A., Rosamond, W., Roth, G., Sampson, U., Satou, G., Schroeder, E., Shah, S., Shay, C., Spartano, N., Stokes, A., Tirschwell, D., VanWagner, L. dan Tsao, C., (2020). Heart disease and stroke statistics—2020 update: a report from the american heart association. *Circulation*, 141(9), pp.e.139-e.596.
- Wang, T.K.M., Grey, C., Jiang, Y., Jackson, R., Kerr, A. (2020). Trends in length of stay following acute coronary syndrome hospitalisation in new zealand 2006-2016: ANZACS-QI 32 Study, *N Z Med J*, 133(1508), pp.29-42.
- Wasfy, J., Kennedy, K., Masoudi, F., Ferris, T., Arnold, S., Kini, V., Peterson, P., Curtis, J., Amin, A., Bradley, S., French, W., Messenger, J., Ho, P. dan Spertus, J., (2018). Predicting length of stay and the need for postacute care after acute myocardial infarction to improve healthcare efficiency. *Circ Cardiovasc Qual Outcomes.*, 11(9), p.e004635.
- Waterbury, T.M., Tarantini, G., Vogel, B., Mehran, R., Gersh, B.J. dan Gulati, R. (2019) Non-atherosclerotic causes of acute coronary syndromes, *Nat Rev Cardiol*, 17(4), pp. 229-241.
- Węgiel, M., Dziewierz, A., Wojtasik-Bakalarz, J., Sorysz, D., Surdacki, A., Bartuś, S., Dudek, D. and Rakowski, T., (2018). Hospitalization length after myocardial infarction: risk-assessment-based time of hospital discharge vs. real life practice. *J Clin Med*, 7(12), p.564.
- World Health Organization (2004). *A Glossary of Terms for Community Health Care and Services for Older Persons*. Kobe: World Health Organization.

- World Health Organization (2018). Global Health Estimates 2016: *Deaths by Cause, Age, Sex, by Country and Region, 2000-2016*. Geneva: World Health Organization.
- Yang, H., Huang, J., Hsu, C. and Chen, Y., 2012. Gender Differences and the Trend in the Acute Myocardial Infarction: A 10-Year Nationwide Population-Based Analysis. *Sci World J*, pp.1-11.
- Yu, B. (2005). Influences of health insurance status on clinical treatments and outcomes for 4,714 patients after acute myocardial infarction in 14 Chinese general hospitals. *J Med Dent Sci*, 52(2), pp.143-151.