

DAFTAR PUSTAKA

Akbar, I., Widjajanto, E. and Fathoni, M. (2018) 'Faktor Dominan dalam Memprediksi Mortalitas Pasien dengan Sepsis di Unit Gawat Darurat The Dominant Factor to Predict Mortality on Patient with Sepsis in Emergency Department', *Jurnal Kedokteran Brawijaya*, 30(2), pp. 153–158.

Antequera, A., Lopez-Alcalde, J., Stallings, E., Muriel, A., Fernández Félix, B., Del Campo, R., et al. (2021) 'Sex as a prognostic factor for mortality in critically ill adults with sepsis: A systematic review and meta-analysis', *BMJ Open*, 11(9), pp. 1–11. doi: 10.1136/bmjopen-2021-048982.

Ardian, A., Pitoyo, C. W., Adhitarianingsih, D., Santoso, W. D. and Setiati, S. (2017) 'Faktor-Faktor yang Berhubungan dengan Mortalitas 30 Hari pada Pasien Sakit Kritis dengan Kandidiasis Invasif yang Dirawat di Rumah Sakit Umum Pusat Nasional Cipto Mangunkusumo (RSCM)', *Jurnal Penyakit Dalam Indonesia*, 4(1), p. 11. doi: 10.7454/jpdi.v4i1.107.

Ardiansyah, F., Widyastuti, Y. and Jufan, A. Y. (2021) *Identifikasi Faktor Risiko Kematian di ICU RSUP Dr. Sardjito*. Gadjah Mada University.

Armianti, H. (2014) 'Hubungan APACHE II Score dengan Angka Kematian Pasien di ICU RSUP Dr. Kariadi', *Jurnal Media Medika Muda*, pp. 1–14.

Awad, A., Bader-El-Den, M., McNicholas, J., Briggs, J. and El-Sonbaty, Y. (2020) 'Predicting hospital mortality for intensive care unit patients: Time-series analysis', *Health Informatics Journal*, 26(2), pp. 1043–1059. doi: 10.1177/1460458219850323.

Brahmi, N. H., Soesilowati, D. and Pujo, J. L. (2016) 'Validitas Skor Apache II, MSofa, dan SAPS 3 Terhadap Mortalitas Pasien Non Bedah di Perawatan Intensif Dewasa RSUP dr Kariadi Semarang', *JAI (Jurnal Anestesiologi Indonesia)*, 8(3), p. 164. doi: 10.14710/jai.v8i3.19815.

Brogan, M. and Ross, M. J. (2022) 'The Impact of Chronic Kidney Disease on Outcomes of Patients with COVID-19 Admitted to the Intensive Care Unit', *Nephron*, 146(1), pp. 67–71. doi: 10.1159/000519530.

Cahyaning Pramesti, A. (2017) 'Evaluation of Knowledge and Compliance of Nurses on The Use Personal Protective Equipment (PPE) in Intensive Care Unit (ICU) RSUD Panembahan Senopati Bantul Yogyakarta', *Jurnal Medicoeticolegal dan Manajemen Rumah Sakit*, 6(3), pp. 187–193. doi: 10.18196/jmmr.6144.

Choi, M. H., Kim, D., Choi, E. J., Jung, Y. J., Choi, Y. J., Cho, J. H., et al. (2022) 'Mortality prediction of patients in intensive care units using machine learning algorithms based on electronic health records', *Scientific Reports*. Nature Publishing Group UK, 12(1), pp. 1–11. doi: 10.1038/s41598-022-11226-4.

Conway Morris, A., Kohler, K., De Corte, T., Ercole, A., De Grooth, H. J., Elbers, P. W. G., et al. (2022) 'Co-infection and ICU-acquired infection in COVID-19 ICU patients: a secondary analysis of the UNITE-COVID data set', *Critical Care*, 26(1), pp. 1–13. doi: 10.1186/s13054-022-04108-8.

Czajka, S., Ziębińska, K., Marczenko, K., Posmyk, B., Szczepańska, A. J. and Krzych, Ł. J. (2020) 'Validation of APACHE II, APACHE III and SAPS II scores in in-hospital and one year mortality prediction in a mixed intensive care unit in Poland: a cohort study', *BMC*

Ernawati, Dewi, D., Risprawati, B., Hapipah and Purqoty, D. (2021) ‘Hubungan Skor Apache II Dengan Lama Hari Rawat Pasien Di ICU Rumah Sakit Umum Daerah Kabupaten Lombok Utara Tahun 2021’, *Jurnal Ilmiah Kesehatan Pencerah*, 10(2), pp. 191–199.

Falcão, A. L. E., Barros, A. G. de A., Bezerra, A. A. M., Ferreira, N. L., Logato, C. M., Silva, F. P., et al. (2019) ‘The prognostic accuracy evaluation of SAPS 3, SOFA and APACHE II scores for mortality prediction in the surgical ICU: an external validation study and decision-making analysis’, *Annals of Intensive Care*. Springer International Publishing, 9(1). doi: 10.1186/s13613-019-0488-9.

Fuchs, P. A., Czech, I. J. and Krzych, Ł. J. (2019) ‘The pros and cons of the prediction game: The never-ending debate of mortality in the intensive care unit’, *International Journal of Environmental Research and Public Health*, 16(18). doi: 10.3390/ijerph16183394.

Gullapalli, N., Lim, Z. J., Ramanathan, K., Bihari, S., Haji, J., Shekar, K., et al. (2022) ‘Personal protective equipment preparedness in intensive care units during the coronavirus disease 2019 pandemic: An Asia-Pacific follow-up survey’, *Australian Critical Care*. Elsevier Ltd, 35(1), pp. 5–12. doi: 10.1016/j.aucc.2021.02.007.

Habibah, U. (2014) ‘Faktor-faktor penyebab kematian klien di ruang Intensive care unit RSUD Kota Bekasi 2014 Ummu Habibah 1 Diploma in Nursing Academy Bhakti Husada’, *Jurnal Kesehatan Bhakti ...*, pp. 1–8.

Handayani, D., Arief, N., Swidarmoko, B., Astowo, P. and Dahlan, M. . (2014) ‘Sistem Skor Acute Physiology And Chronic Health Evaluation (Apache) II Sebagai Prediksi Mortalitas Pasien Rawat Instalasi Perawatan Intensif’, *Journal Respiratory of Indonesia*, 34(January 2014), pp. 36–45.

Harshini and Chakrapani (2013) ‘Prediction of Outcome in ICU Patients Using SAPS II Scoring-A Prospective Study’, *Indian Journal of Pharmaceutical and Biological Research*, 1(03), pp. 39–44. doi: 10.30750/ijpbr.1.3.8.

Hébert, P. C., Wells, G., Tweeddale, M., Martin, C., Marshall, J., Pham, B., et al. (1997) ‘Does transfusion practice affect mortality in critically ill patients?’, *American Journal of Respiratory and Critical Care Medicine*, 155(5), pp. 1618–1623. doi: 10.1164/ajrccm.155.5.9154866.

Herlianita, R., Purwanto, E., Wahyuningsih, I. and Pratiwi, I. D. (2021) ‘Clinical outcome and comparison of burn injury scoring systems in burn patient in Indonesia’, *African Journal of Emergency Medicine*. African Federation for Emergency Medicine, 11(3), pp. 331–334. doi: 10.1016/j.afjem.2021.04.005.

Herscovici, R., Mirocha, J., Salomon, J., Merz, N. B., Cercek, B., Goldfarb, M., et al. (2020) ‘Sex differences in crude mortality rates and predictive value of intensive care unit-based scores when applied to the cardiac intensive care unit’, *European Heart Journal of Acute Cardiovascular Care*, 9(8), pp. 966–974. doi: 10.1177/2048872619872129.Sex.

Hu, T., Lv, H. and Jiang, Y. (2021) ‘The association between four scoring systems and 30-day mortality among intensive care patients with sepsis: a cohort study’, *Scientific Reports*. Nature Publishing Group UK, 11(1), pp. 1–9. doi: 10.1038/s41598-021-90806-2.

Jaganath, U. V (2020) ‘An overview of predictive scoring systems used in ICU’, (09), pp. 1–

Jeong, S. (2018) 'Scoring systems for the patients of intensive care unit', *Acute and Critical Care*, 33(2), pp. 102–104. doi: 10.4266/acc.2018.00185.

Kemenkes RI (2018) 'Petunjuk Teknis Penyelenggaraan Pelayanan Intensive Care Unit di Rumah Sakit', *Kementerian Kesehatan RI*, p. 53.

Keuning, B. E., Kaufmann, T., Wiersema, R., Granholm, A., Pettilä, V., Møller, M. H., et al. (2020) 'Mortality prediction models in the adult critically ill: A scoping review', *Acta Anaesthesiologica Scandinavica*, 64(4), pp. 424–442. doi: 10.1111/aas.13527.

Knaus, W. A., Draper, E. A., Wagner, D. P. and Zimmerman, J. E. (1985) 'APACHE II: A severity of disease classification system', *Critical Care Medicine*, 13(10), pp. 818–829. doi: 10.1097/00003246-198510000-00009.

Kukoč, A., Mihelčić, A., Miko, I., Romić, A., Pražetina, M., Tipura, D., et al. (2022) 'Clinical and laboratory predictors at ICU admission affecting course of illness and mortality rates in a tertiary COVID-19 center', *Heart and Lung*, 53(March 2020), pp. 1–10. doi: 10.1016/j.hrtlng.2022.01.013.

Leafloor, C. W., Imsirovic, H., Qureshi, D., Milani, C., Nyarko, K., Dickson, S. E., et al. (2023) 'Characteristics and Outcomes of ICU Patients Without COVID-19 Infection - Pandemic Versus Nonpandemic Times: A Population-Based Cohort Study', *Critical Care Explorations*, 5(4), p. E0888. doi: 10.1097/CCE.0000000000000888.

Lee, J. M., Lee, K. O., Hong, J. H. and Park, H. H. (2022) 'Analysis of Factors Related to Mortality in Adult ICU Patients: Focusing on Nurse Staffing Level', *J Muscle Jt Health*, 29(1), pp. 41–49.

Lewis, O. D., Ngwa, J., Kibreab, A., Phillpotts, M., Thomas, A. and Mehari, A. (2017) 'Body Mass Index and Intensive Care Unit Outcomes in African American Patients', *Ethnicity of disease*, 27(2), pp. 161–168. doi: 10.18865/ed.27.2.161. Keywords.

Liang, J., Li, Z., Dong, H. and Xu, C. (2019) 'Prognostic factors associated with mortality in mechanically ventilated patients in the intensive care unit', *Medicine*, 98(42), p. e17592. doi: 10.1097/md.00000000000017592.

Lipshutz, A. K. M., Feiner, J. R., Grimes, B. and Gropper, M. A. (2016) 'Predicting mortality in the intensive care unit: A comparison of the University Health Consortium expected probability of mortality and the Mortality Prediction Model III', *Journal of Intensive Care*. *Journal of Intensive Care*, 4(1), pp. 1–8. doi: 10.1186/s40560-016-0158-z.

Marshall, J. C., Bosco, L., Adhikari, N. K., Connolly, B., Diaz, J. V., Dorman, T., et al. (2017) 'What is an intensive care unit? A report of the task force of the World Federation of Societies of Intensive and Critical Care Medicine', *Journal of Critical Care*. Elsevier B.V., 37, pp. 270–276. doi: 10.1016/j.jcrc.2016.07.015.

McLarty, J., Litton, E., Beane, A., Aryal, D., Bailey, M., Bendel, S., et al. (2023) 'Non-COVID-19 intensive care admissions during the pandemic: a multinational registry-based study', *Thorax*, 0, pp. 1–8. doi: 10.1136/thorax-2022-219592.

Metnitz, B., Schaden, E., Moreno, R., Le Gall, J. R., Bauer, P. and Metnitz, P. G. H. (2009) 'Austrian validation and customization of the SAPS 3 Admission Score', *Intensive Care*

Medicine, 35(4), pp. 616–622. doi: 10.1007/s00134-008-1286-2.

Modra, L. J., Higgins, A. M., Pilcher, D. V., Bailey, M. J. and Bellomo, R. (2022) ‘Sex Differences in Mortality of ICU Patients According to Diagnosis-Related sex Balance’, *American Journal of Respiratory and Critical Care Medicine*, 206, pp. 1353–1360. doi: 10.1164/rccm.202203-0539oc.

Moreno, R. P. and Metnitz, P. G. H. (2018) ‘Severity Scoring System: Tools for the Evaluation of Patients and Intensive Care Units’, in *Critical Care Medicine: Principles of Diagnosis and Management in the Adult*. Third Edit. Elsevier Inc., pp. 1547–1565. doi: 10.1016/B978-0-323-04841-5.50076-5.

Motiejunaite, J., Deniau, B., Blet, A., Gayat, E. and Mebazaa, A. (2022) ‘Inotropes and vasopressors are associated with increased short-term mortality but not long-term survival in critically ill patients’, *Anaesthesia Critical Care and Pain Medicine*, 41(1), pp. 0–1. doi: 10.1016/j.accpm.2021.101012.

Mullen, M. G., Michaels, A. D., Mehaffey, H. J., Guidry, C. A., Turrentine, L. E., Hedrick, T. L., et al. (2017) ‘Risk associated with complications and mortality after urgent surgery vs elective and emergency surgery : Implications for defining “quality” and reporting outcomes for urgent surgery’, *JAMA Surgery*, 152(8), pp. 768–774. doi: 10.1001/jamasurg.2017.0918.

Munawwarah (2016) ‘Gambaran Skor APACHE II Terhadap Kematian Pada Pasien Dewasa di ICU RSUP H. Adam Malik Medan Tahun 2015’, pp. 4–16.

Mustikawati, S. R., Wisudarti, C. F. and Suryono, B. (2016) ‘Prediksi kematian berdasarkan SAPS II di ICU RS dr Sardjito.’, *Jurnal Komplikasi Anestesi*, 4(1), pp. 27–34.

Nababan, S. H. H., Mansjoer, A., Fauzi, A. and Gani, R. A. (2021) ‘Predictive scoring systems for in-hospital mortality due to acutely decompensated liver cirrhosis in Indonesia’, *BMC Gastroenterology*. BioMed Central, 21(1), pp. 1–9. doi: 10.1186/s12876-021-01972-6.

Namikata, Y., Matsuoka, Y., Ito, J., Seo, R., Hijikata, Y., Itaya, T., et al. (2022) ‘Association between ICU admission during off-hours and in-hospital mortality: a multicenter registry in Japan’, *Journal of Intensive Care*. BioMed Central, 10(1), pp. 1–9. doi: 10.1186/s40560-022-00634-3.

Neuraz, A., Guérin, C., Payet, C., Polazzi, S., Aubrun, F., Dailler, F., et al. (2015) ‘Patient mortality is associated with staff resources and workload in the icu: A multicenter observational study’, *Critical Care Medicine*, 43(8), pp. 1587–1594. doi: 10.1097/CCM.0000000000001015.

Octora, M., Mertaniasih, N. M., Semedi, B. P. and Koendhori, E. B. (2021) ‘Predictive Score Model of Clinical Outcomes Sepsis in Intensive Care Unit Tertier Referral Hospital of Eastern Indonesia’, *Open Access Macedonian Journal of Medical Sciences*, 9(Apache Ii), pp. 1710–1716. doi: 10.3889/oamjms.2021.7780.

Pamugar, B., Pradian, E. and Fuadi, I. (2018) ‘Gambaran Acute Physiologic and Chronic Health Evaluation (APACHE) II, Lama Perawatan, dan Luaran Pasien di Ruang Perawatan Intensif Rumah Sakit Umum Pusat Dr. Hasan Sadikin Bandung pada Tahun 2017’, *Jurnal Anestesi Perioperatif*, 6(3), pp. 168–174. doi: 10.15851/jap.v6n3.1344.

Paudel, P., Rai, S., Shrestha, S., Pradhan, G. B. N. and Bhattachan, C. L. (2019) ‘Analysis of Outcomes of Critically ill Surgical Patients using SAPS II Score’, *Journal of Institute of*

Medicine Nepal, 41(1), pp. 85–90. doi: 10.3126/jiom.v41i1.28606.

Pellathy, T. P., Pinsky, M. R. and Hravnak, M. (2021) ‘Intensive care unit scoring systems’, *Critical Care Nurse*, 41(4), pp. 54–65. doi: 10.4037/ccn2021613.

Poole, D., Rossi, C., Anghileri, A., Giardino, M., Latronico, N., Radrizzani, D., et al. (2009) ‘External validation of the simplified acute physiology score (SAPS) 3 in a cohort of 28,357 patients from 147 Italian intensive care units’, *Intensive Care Medicine*, 35(11), pp. 1916–1924. doi: 10.1007/s00134-009-1615-0.

Pujiastuti, D., Krisnamurti, M. H., Wahyuningsih, Y. T., Ningrum, S. and Dewo Febialinta, B. (2020) ‘Benefits Of Apache II In Determining Patients’ Life Survival Treated In Intensive Care Unit’, *Pelita Health and Education Journal*, 1(1), pp. 2722–9912.

Rapsang, A. G. and Shyam, D. C. (2014) ‘Scoring systems in the intensive care unit: A compendium’, *Indian Journal of Critical Care Medicine*, 18(4), pp. 220–228. doi: 10.4103/0972-5229.130573.

Roberts, R. J., Miano, T. A., Hammond, D. A., Patel, G. P., Chen, J. T., Phillips, K. M., et al. (2020) ‘Evaluation of Vasopressor Exposure and Mortality in Patients With Septic Shock’, *Critical Care Medicine*, 48(10), pp. 1445–1453. doi: 10.1097/CCM.0000000000004476.

Sanaie, S., Hosseini, M. S., Karrubi, F., Iranpour, A. and Mahmoodpoor, A. (2020) ‘Impact of body mass index on the mortality of critically ill patients admitted to the intensive care unit: An observational study’, *Anesthesiology and Pain Medicine*, 10(6), pp. 1–6. doi: 10.5812/aapm.108561.

Sekulic, A. D., Trpkovic, S. V., Pavlovic, A. P., Marinkovic, O. M. and Ilic, A. N. (2015) ‘Scoring systems in assessing survival of critically ill ICU patients’, *Medical Science Monitor*, 21, pp. 2621–2629. doi: 10.12659/MSM.894153.

Singer-Leshinsky, S. (2018) ‘Pulmonary tuberculosis: Improving diagnosis and management’, *Journal of the American Academy of Physician Assistants*, 29(2), pp. 20–25. doi: 10.1097/01.JAA.0000476207.96819.a7.

Soares Pinheiro, F. G. D. M., Santana Santos, E., Barreto, Í. D. D. C., Weiss, C., Vaez, A. C., Oliveira, J. C., et al. (2020) ‘Mortality Predictors and Associated Factors in Patients in the Intensive Care Unit: A Cross-Sectional Study’, *Critical Care Research and Practice*, 2020, pp. 5–10. doi: 10.1155/2020/1483827.

Stahlschmidt, A., Novelo, B., Freitas, L. A., Passos, S. C., Dussán-Sarria, J. A., Félix, E. A., et al. (2018) ‘Predictors of in-hospital mortality in patients undergoing elective surgery in a university hospital: a prospective cohort’, *Brazilian Journal of Anesthesiology (English Edition)*. Sociedade Brasileira de Anestesiologia, 68(5), pp. 492–498. doi: 10.1016/j.bjane.2018.04.009.

Tabah, A., Ramanan, M., Laupland, K. B., Buetti, N., Cortegiani, A., Mellinshoff, J., et al. (2020) ‘Personal Protective Equipment and Intensive Care Unit Healthcare Worker Safety in the COVID-19 Era (PPE-SAFE_: An International Survey)’, *Journal of Critical Care*, 59, pp. 70–75.

Tian, Y., Yao, Y., Zhou, J., Diao, X., Chen, H., Cai, K., et al. (2022) ‘Dynamic APACHE II Score to Predict the Outcome of Intensive Care Unit Patients’, *Frontiers in Medicine*,

Tirtayasa, P. M. W. and Philippi, B. (2013) 'Prediction of mortality rate of trauma patients in emergency room at Cipto Mangunkusumo Hospital by several scoring systems', *Medical Journal of Indonesia*, 22(4), pp. 227–231. doi: 10.13181/mji.v22i4.603.

Unoki, T., Tamoto, M., Ouchi, A., Sakuramoto, H., Nakayama, A., Katayama, Y., et al. (2020) 'Personal protective equipment use by health- care workers in intensive care units during the COVID- 19 pandemic in Japan: comparative analysis with the PPE- SAFE survey', *Acute Medicine & Surgery*, 7(1), pp. 1–7. doi: 10.1002/ams2.584.

W, H. P., Hadisaputro, S. and Supriyadi (2015) 'Perbandingan Penggunaan APACHE IV, SAPS 3, dan SOFA untuk Memprediksi Mortalitas pada Pasien Kritis', *Jurnal Riset Kesehatan*, 4(1), pp. 693–699.

Xi, J., Zeng, L., Li, S., Ai, Y. and He, X. (2021) 'COVID-19 mortality in ICUs associated with critical care staffing', *Burns & Trauma*, 9, pp. 6–10.

Xing, X., Wang, Hai-jun, Huang, C., Yang, Q., Qu, S., Zhang, H., et al. (2013) 'Prognosis of patients with shock receiving vasopressors', *World Journal of Emergency Medicine*, 4(1), p. 59. doi: 10.5847/wjem.j.issn.1920-8642.2013.01.011.