

DAFTAR PUSTAKA

1. Presiden Republik Indonesia. Undang-undang Republik Indonesia nomor 13 tahun 1998 tentang kesejahteraan lanjut usia. Jakarta: Presiden Republik Indonesia; 1998.
2. Menteri Kesehatan Indonesia. Peraturan Menteri Kesehatan Indonesia nomor 79 tahun 2014 tentang penyelenggaraan pelayanan geriatri di rumah sakit. Jakarta: Menteri Kesehatan Indonesia; 2014.
3. Menteri Sosial RI. Peraturan Menteri Sosial RI nomor 5 tahun 2018 tentang standar nasional rehabilitasi sosial lanjut usia. Jakarta: Menteri Sosial RI; 2018.
4. Badan Pusat Statistik. Statistik penduduk lanjut usia 2019. Jakarta: Badan Pusat Statistik; 2019.
5. Badan Penelitian dan Pengembangan Kesehatan. Riset kesehatan dasar 2013. Jakarta: Badan Penelitian dan Pengembangan Kesehatan; 2013.
6. Amarya S, Singh K, Sabharwal M. Changes during aging and their association with malnutrition. *J Clin Gerontol Geriatr*. 2015;6(3):78-84. doi:10.1016/j.jcgg.2015.05.003
7. Kane R. *Essential of clinical geriatrics*. 5th ed. New York: McGraw-Hill; 2009.
8. Docking RI, Mackay A, Williams C, Lewsey J, Kinsella J, Booth MG. Comorbidity and intensive care outcome - A multivariable analysis 2C01, 3C00. *J Intensive Care Soc*. 2014;15(3):205-212. doi:10.1177/175114371401500306
9. Fuchs L, Chronaki CE, Park S, Novack V, Baumfeld Y, Scott D, et al. ICU admission characteristics and mortality rates among elderly and very elderly patients. *Intensive Care Med*. 2012;38(10):1654-61. doi:10.1007/s00134-012-2629-6.
10. Vera, Evacuasiy E, Richardo Y. Karakteristik pasien usia lanjut di Ruang Rawat Intensif Rumah Sakit Immanuel Bandung. *JKM*. 2010;10(2):110-9.
11. Hardisman. Lama rawatan dan mortalitas pasien Intensive Care Unit (ICU) Rs Dr. Djamil Padang ditinjau dari beberapa aspek. *Maj Kesehat Andalas*. 2015;32(2):142-9.
12. Moitra VK, Guerra C, Linde-Zwirble WT, Wunsch H. Relationship between ICU length of stay and long-term mortality for elderly ICU survivors. *Crit Care Med*. 2016;44(4):655-62. doi:10.1097/CCM.0000000000001480.
13. Ball IM, Bagshaw SM, Burns KEA, Cook DJ. Outcomes of elderly critically ill medical and surgical patients: a multicentre cohort study. *Can J Anesth Can d'anesthésie*. 2017;64(3):260-9. doi:10.1007/s12630-016-0798-4.
14. de Rooij SE, Abu Hanna A, Levi M, de Jonge E. Factors that predict outcome of intensive care treatment in very elderly patients: a review. *Crit Care*. 2005;9(4):307-14. doi:10.1186/cc3536.
15. Yu W, Ash AS, Levinsky NG, Moskowitz MA. Intensive care unit use and mortality in the elderly. *J Gen Intern Med*. 2000;15(2):97-102. doi:10.1046/j.1525-1497.2000.02349.x.
16. Direktur Jenderal Bina Upaya Kesehatan. Keputusan Direktur Jenderal

- Bina Upaya Kesehatan nomor : HK 02.04/I/1966/11 tahun 2011 tentang petunjuk teknis penyelenggaraan Intensive Care Unit (ICU) di rumah sakit. Jakarta: Direktur Jenderal Bina Upaya Kesehatan; 2011.
17. RSUP DR. M. Djamil Padang. Pedoman pelayanan RSUP DR. M. Djamil Padang tahun 2018. Padang: RSUP DR. M. Djamil Padang; 2018.
 18. Chin-Yee N, D'Egidio G, Thavorn K, Heyland D, Kyeremanteng K. Cost analysis of the very elderly admitted to intensive care units. *Crit Care*. 2017;21(1):1-7.
 19. Kemenkes RI (2016). Infodatin lansia Kemenkes. Departemen Kesehatan. <https://pusdatin.kemkes.go.id/resources/download/pusdatin/infodatin/infodatin-lansia.pdf>. – Diakses Mei 2020.
 20. Nguyen YL, Angus DC, Boumendil A, Guidet B. The challenge of admitting the very elderly to intensive care. *Ann Intensive Care*. 2011;1(1):1-7. doi:10.1186/2110-5820-1-29.
 21. Soejono CH. Pengkajian paripurna pada pasien geriatri. In: Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S, editors. Buku ajar ilmu penyakit dalam Jilid III. 6th ed. Jakarta: Interna Publishing; 2015.
 22. Darmojo, Boedhi R, Martono. Geriatri (ilmu kesehatan usia lanjut). Semarang: Balai Penerbit FKUI; 2009.
 23. Setiati S, Harimurti, Kuntjoro, Govinda RA. Proses menua dan implikasi kliniknya. In: Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S, editors. Buku ajar ilmu penyakit dalam. 6th ed. Jakarta: Interna Publishing; 2014.
 24. Goldman L, Schaefer A. Aging and geriatric medicine. 24th ed. Philadelphia: Elsevier Saunders; 2012.
 25. Miller CA. Nursing care of older adults: Theory and practice. Philadelphia: Lippincott; 1999.
 26. Aryana IS. Gangguan sensoris khusus pada usia lanjut. In: Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S, editors. Buku ajar ilmu penyakit dalam Jilid III. 6th ed. Jakarta: Interna Publishing; 2015. p. 3697.
 27. Timiras PS. Physiological basis of aging and geriatrics. 4th ed. New York: CRC Press; 2007.
 28. Stanley, Mickey, Beare. Buku ajar keperawatan gerontik. 2nd ed. Jakarta: EGC; 2006.
 29. Fillit H, Rockwood K, Woodhouse K. Textbook of geriatric medicine and gerontology. 7th ed. Philadelphia: Saunders Elsevier; 2010.
 30. Martono HH. Penyakit tulang dan patah tulang. In: Martono HH, Pranaka K, editors. Buku ajar Boedhi-Darmojo geriatri (ilmu kesehatan usia lanjut). 5th ed. Semarang: Badan Penerbit Fakultas Kedokteran Universitas Indonesia; 2015. p. 297.
 31. Von Haehling S, Morley JE, Anker SD. An overview of sarcopenia: Facts and numbers on prevalence and clinical impact. *J Cachexia Sarcopenia Muscle*. 2010;1(2):129-33.
 32. Rolland Y, Czerwinski S, Kan GAV, Morley JE, Cesari M, Onder G, et al. Sarcopenia: Its assessment, etiology, pathogenesis, consequences, and future perspectives. *J Nutr Health Aging*. 2008;12(7):433-50.
 33. Waters D, Baumgartner R, Garry P, Vellas B. Advantages of dietary, exercise-related, and therapeutic interventions to prevent and treat

- sarcopenia in adult patients: An update. *Clin Interv Aging*. 2010;5:259-70.
34. Setiati S, Dwimartutie N. Sarkopenia. In: Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S, editors. *Buku ajar ilmu penyakit dalam Jilid III*. 6th ed. Jakarta: Interna Publishing; 2015. p. 3719.
 35. Sharma L. Epidemiology of osteoarthritis. In: Moskowitz RW, Howell DS, Altman RD, Buckwalter JA, Goldberg VM. *Osteoarthritis: Diagnosis and medical/surgical management*. 3rd ed. Philadelphia: WB Saunders Co; 2001. p. 3-17.
 36. Shenavandeh S, Sadeghi E. Causes and types of disease in elderly patients leading to one or multiple hospital admissions in rheumatology wards of southwestern Iran: A 6-year review. *Rheumatol Res*. 2019;4(1):1-7. doi:10.22631/rr.2019.69997.1059.
 37. Walker BR, Colledge NR. *Davidson's principles and practice of medicine*. 7th ed. Edinburgh: Elsevier; 2014.
 38. Hadisaputro S, Martono HH. Infeksi pada usia lanjut. In: Martono HH, Pranaka K, editors. *Buku ajar Boedhi-Darmojo geriatri (ilmu kesehatan usia lanjut)*. 5th ed. Semarang: Badan Penerbit Fakultas Kedokteran Universitas Indonesia; 2015. p. 481.
 39. Heron M. Deaths: Leading causes for 2017. *Natl Vital Stat Reports*. 2019;68(6).
 40. Stern S, Behar S, Gottlieb J. Aging and disease of the heart. *Circulation*. 2003;108:e99-101. doi: 0.1161/01.CIR.0000086898.96021.B9.
 41. Rostagno C. Heart valve disease in elderly. *World J Cardiol*. 2019;11(2):71-83. doi:10.4330/wjc.v11.i2.71.
 42. Rahmatullah P. Penyakit paru pada usia lanjut. In: Martono HH, Pranaka K, editors. *Buku ajar Boedhi-Darmojo geriatri (ilmu kesehatan usia lanjut)*. 5th ed. Semarang: Badan Penerbit Fakultas Kedokteran Universitas Indonesia; 2015. p. 515-41.
 43. Widjayakusumah H. Perubahan fisiologis usia lanjut dan berbagai masalahnya. *Maj Kedokt Indones*. 1992;42(9):550-9.
 44. Tamher S, Noorkasiani. *Kesehatan usia lanjut dengan pendekatan asuhan keperawatan*. Jakarta: Salemba Medika; 2009.
 45. Sharma G, Goodwin J. Effect of aging on respiratory system physiology and immunology. *Clin Interv Aging Immunol*. 2006;1(3):253-60.
 46. van den Beld AW, Kaufman JM, Zillikens MC, Lamberts SWJ, Egan JM, van der Lely AJ. The physiology of endocrine systems with ageing. *Lancet Diabetes Endocrinol*. 2018;6(8):647-58. doi:10.1016/S2213-8587(18)30026-3.
 47. Setiabudhi T, Hardywinoto. *Panduan gerontologi tinjauan dari berbagai aspek*. Jakarta: Gramedia Pustaka Utama; 1999.
 48. Razak PA, Richard KMJ, Thankachan RP, Hafiz KAA, Kumar KN, Sameer KM. Geriatric oral health: A review article. *J Int Oral Health*. 2014;6(6):110-6. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4295446>.
 49. Sianipar N. Konstipasi pada geriatri. *Cermin Dunia Kedokt Ed* 231. 2015;42(8):572-7.
 50. A IP. Ginjal dan hipertensi pada usia lanjut. In: Martono HH, Pranaka K, editors. *Buku ajar Boedhi-Darmojo geriatri (ilmu kesehatan usia lanjut)*. 5th ed. Semarang: Badan Penerbit Fakultas Kedokteran Universitas

- Indonesia; 2015. p. 537.
51. Sastrawinata S. Klimakterium dan menopause. In: Prawirohardjo S, editor. Ilmu kandungan. Jakarta: Yayasan Bina Pustaka Sarwono Prawirohardjo; 2002.
 52. Nugroho H, Wahyudi. Keperawatan gerontik dan geriatrik. 3rd ed. Jakarta: EGC; 2008.
 53. Keltner NL, Steele D. Psychiatric nursing. 7th ed. Elsevier Mosby; 2015.
 54. Grace N, Toukhsati SR. Research psychosocial functioning in the elderly: An assessment of self-concept and depression. *Int J Psychol Res.* 2014;7(1):12-8.
 55. Fillit HM, Rockwood K, Woodhouse K. Brocklehurst's textbook of geriatric medicine and gerontology. Manchester: Elsevier; 2010. doi:10.1016/B978-1-4160-6231-8.X0001-3.
 56. Depkes RI. Pelayanan gangguan jiwa usia lanjut (psikogeriatik) di puskesmas. Jakarta: Direktorat Jenderal Pelayanan Medik Depkes; 2000.
 57. Beverly EA, Ritholz MD, Shepherd C, Weinger K. The psychosocial challenges and care of older adults with diabetes: "Can't do what i used to do; Can't be who i once was". *Curr. Diab. Rep.* 2016;16(6):48. doi:10.1007/s11892-016-0741-7.
 58. Kaplan HI, Sadock BJ. Ilmu kedokteran jiwa darurat (pocket handbook of emergency psychiatric medicine). Jakarta: Widya Medika; 2017.
 59. Gehrman P, Ancoli-Israel. Insomnia in the elderly. In: Sateia MJ, D. J. Buysse, eds. *Insomnia Diagnosis and Treatment.* New York: M. J. Sateia and D. J. Buysse; 2010:90-91.
 60. Nevid JS, Rathus SA, Greene B. Psikologi abnormal Jilid 2. 5th ed. Jakarta: Erlangga; 2007.
 61. Marengoni A. Aging with multimorbidity: A systematic review of the literature. *Ageing Res Rev.* 2011;10(4):430-9.
 62. Setiati S. Geriatric medicine, sarkopenia, frailty dan kualitas hidup pasien usia lanjut: Tantangan masa depan pendidikan, penelitian dan pelayanan kedokteran di Indonesia. *eJKI.* 2014;1(3):234-42.
 63. Badan Penelitian dan Pengembangan Kesehatan. Riskesdas Indonesia tahun 2007. Jakarta: Departemen Kesehatan Republik Indonesia; 2008.
 64. Prazeres F, Santiago L. Prevalence of multimorbidity in the adult population attending primary care in Portugal: A cross-sectional study. *BMJ Open.* 2015;5(9):1-11.
 65. Barnett K. Epidemiology of multimorbidity and implications for health care, research, and medical education: A cross-sectional study. *Lancet.* 2012;380:37-47.
 66. van Oostrom SH, Picavet HS, van Gelder BM, Lemmens LC, Hoeymans N, van Dijk CE, et al. Multimorbidity and comorbidity in the Dutch population data from general practices. *BMC Public Health.* 2012;30(12):715. doi:10.1186/1471-2458-12-715.
 67. Abad-Diez JM. Age and gender differences in the prevalence and patterns of multimorbidity in the older population. *BMC Geriatr.* 2014;14(75):1-8.
 68. Prados-Torres A. Multimorbidity patterns in Primary Care: Interactions among chronic disease using factor analysis. *PLoS One.* 2012;7(2):1-12.
 69. Koller D, Schön G, Schäfer I, Glaeske G, van den Bussche H, Hansen H.

- Multimorbidity and long-term care dependency: A five year follow-up. *BMC Geriatr.* 2014;14(70):1-9. doi:10.1186/1471-2318-14-70.
70. Makmun LH. Kegawatdaruratan pada pasien geriatri. In: Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S, editors. *Buku ajar ilmu penyakit dalam Jilid III*. 6th ed. Jakarta: Interna Publishing; 2014. p. 3870-2.
 71. Nentwich LM, Grimmnitz B. Neurologic emergencies in the elderly. *Emerg Med Clin North Am.* 2016;34(3):575-99. doi:10.1016/j.emc.2016.04.009.
 72. Spangler R, Van Pham T, Khoujah D, Martinez JP. Abdominal emergencies in the geriatric patient. *Int J Emerg Med.* 2014;7(1):43. doi:10.1186/s12245-014-0043-2.
 73. Tyler K, Stevenson D. Respiratory emergencies in geriatric patients. *Emerg Med Clin North Am.* 2016;34(1):39-49. doi:10.1016/j.emc.2015.08.003.
 74. Gupta R, Kaufman S. Cardiovascular emergencies in the elderly. *Emerg Med Clin North Am.* 2006;24(2):339-70. doi:10.1016/j.emc.2006.01.003.
 75. Samson K, Elsayegh D, Kahn JH, Olshaker JS. Metabolic and endocrine emergencies in the elderly. In: Magauran J, editor. *Geriatric emergency medicine*. Cambridge: Cambridge University Press; 2014. p. 284-300. doi:10.1017/CBO9781139250986.028.
 76. Indonesian Society of Intensive Care Unit. *Pedoman penyelenggaraan pelayanan ICU*. Indonesian Society of Intensive Care Unit. www.perdici.org/Pedoman-ICU/ – Diakses Maret 2020.
 77. Menteri Kesehatan Republik Indonesia. *Keputusan Menteri Kesehatan Republik Indonesia Nomor 1778/MENKES/SK/XII/2010. Pedoman penyelenggaraan pelayanan ICU di rumah sakit*. Jakarta: Menteri Kesehatan Republik Indonesia; 2010.
 78. Achsanuddin H. *Peranan ruangan perawatan intensif (ICU) dalam memberikan pelayanan kesehatan di rumah sakit*. Medan: Universitas Sumatera Utara; 2007.
 79. Nates JL, Nunnally M, Kleinpell R, Blosser S, Goldner J, Birriel B, et al. ICU Admission, discharge, and triage guidelines: A framework to enhance clinical operations, Development of institutional policies, and further research. *Crit Care Med.* 2016;44(8):1553-602. doi:10.1097/CCM.0000000000001856.
 80. Medicine TSOCC (2020). *Critical care statistics*. Society of Critical Care Medicine. <https://www.sccm.org/Communications/Critical-Care-Statistics> – Diakses Mei 2020.
 81. Direktorat Jenderal Pelayanan Medik. *Standart pelayanan keperawatan di ICU*. Jakarta: Departemen Kesehatan RI; 2006.
 82. Pintado MC, Villa P, González-García N, Luján J, Molina R, Trascasa M, et al. Characteristics and outcomes of elderly patients refused to ICU. *Sci World J.* 2013;2013:1-7. doi:10.1155/2013/590837.
 83. Gunawan VS, Arifin J, Ismail A. Jumlah pasien masuk ruang perawatan intensif berdasarkan kriteria prioritas masuk di RSUP Dr Kariadi periode Juli - September 2014. *MMM.* 2015;4(4):1561-8.
 84. Toptas M, Samanci NS, Akkoc E, Yucetas E, Cebeci E, Sen O, et al. Factors affecting the length of stay in the intensive care unit: Our clinical experience. *Biomed Res Int.* 2018;2018:1-4. doi:10.1155/2018/9438046.

85. Olshansky S. The demography of aging. In: Cassel C, Leipzig R, Cohen H, editors. *Geriatric medicine an evidence-based approach*. 4th ed. New York: Springer; 2002.
86. Reyes JCL, Alonso JV, Fonseca J, Santos ML, Jiménez M de los ÁR, Braniff J. Characteristics and mortality of elderly patients admitted to the Intensive Care Unit of a district hospital. *Indian J Crit Care Med*. 2016;20(7):391-7. doi:10.4103/0972-5229.186219.
87. Mukhopadhyay A, Tai BC, See KC, Ng WY, Lim TK, Onsieng S, et al. Risk Factors for hospital and long-term mortality of critically ill elderly patients admitted to an Intensive Care Unit. *Biomed Res Int*. 2014;2014:1-10. doi:10.1155/2014/960575.
88. Jihane B, El khayari M, Dendane T, Madani N. Factors predicting mortality in elderly patients admitted to a Moroccan medical intensive care unit. *South African J Crit Care*. 2012;28(1):22-7. doi:10.7196/sajcc.122.
89. Dahlan MS. *Besar sampel dan cara pengambilan sampel dalam penelitian kedokteran dan kesehatan*. 5th ed. Jakarta: Epidemiologi Indonesia; 2019.
90. Valderas JM, Starfield B, Sibbald B, Salisbury C. Defining comorbidity: Implications for understanding health and health services. *Ann Fam Med*. 2009;7(4):357-63. doi: 10.1370/afm.983.
91. Van Walraven C, Austin PC, Jennings A, Quan H, Forster AJ. A modification of the elixhauser comorbidity measures into a point system for hospital death using administrative data. *Med Care*. 2009;47(6):626-33. doi:10.1097/MLR.0b013e31819432e5.
92. Bruscajim AV, Corrêa AC, Ferreira VP, Bortholazzi H, Balsanelli JD, Vieira JP, et al. Risk factors for mortality in geriatric patients admitted to the intensive care unit at a public hospital. *Geriatr Gerontol Aging*. 2019;13(2):69-74. doi:10.5327/Z2447-211520191900012.
93. National Records of Scotland (2020). Glasgow city council area profile. National Records of Scotland. https://www.nrscotland.gov.uk/files/statistics/council-area-data-sheets/glasgow-city-council-profile.html#life_expectancy – Diakses Mei 2020.
94. Salkind N, Anderson RN. National vital statistics reports. *Enycl Hum Dev*. 2019;68(7). doi:10.4135/9781412952484.n432.
95. Larsson E, Zettersten E, Jäderling G, Ohlsson A, Bell M. The influence of gender on ICU admittance. *Scand J Trauma Resusc Emerg Med*. 2015;23(1):108. doi:10.1186/s13049-015-0191-2.
96. Malycha J, Bonnici T, Clifton DA, Ludbrook G, Young JD, Watkinson PJ. Patient centred variables with univariate associations with unplanned ICU admission: A systematic review. *BMC Med Inform Decis Mak*. 2019;19(1):1-9. doi:10.1186/s12911-019-0820-1.
97. Delgado MK, Liu V, Pines JM, Kipnis P, Gardner MN, Escobar GJ. Risk factors for unplanned transfer to intensive care within 24 hours of admission from the emergency department in an integrated healthcare system. *J Hosp Med*. 2013;8(1):13-9. doi:10.1002/jhm.1979.
98. Sagy I, Fuchs L, Mizrakli Y, Codish S, Politi L, Fink L, et al. The association between the patient and the physician genders and the likelihood of intensive care unit admission in hospital with restricted ICU

- bed capacity. *QJM An Int J Med.* 2018;111(5):287-94. doi:10.1093/qjmed/hcy017.
99. Vezzani A, Manca C, Ermio C. Gender disparities in the Intensive Care Unit. *Ital J Gender Specific Med.* 2016;2(1):22-7.
 100. Hafner J, Tuma F, Marar O. Intestinal perforation. Florida: StatPearls Publishing; 2020. <https://www.ncbi.nlm.nih.gov/books/NBK538191/>.
 101. Lim S, Halandras PM, Bechara C, Aulivola B, Crisostomo P. Contemporary management of acute mesenteric ischemia in the endovascular era. *Vasc Endovascular Surg.* 2019;53(1):42-50. doi:10.1177/1538574418805228.
 102. Podnos YD, Jimenez JC, Wilson SE. Intra-abdominal Sepsis in elderly persons. *Clin Infect Dis.* 2002;35(1):62-8. doi:10.1086/340866.
 103. Long B, Robertson J, A K. Emergency Medicine evaluation and management of small bowel obstruction: Evidence-based recommendations. *J Emerg Med.* 2019;56(2):166-76.
 104. Peedikayil M, Nair P, Seena S, Radhakrishnan L, Sadasivan S. Colorectal cancer distribution in 220 Indian patients undergoing colonoscopy. *Indian J Gastroenterol.* 2009;28(6):212-15.
 105. Christianie M, Setiati S, Trisna Y, Andrajati R. Kejadian reaksi obat yang tidak dikehendaki yang menyebabkan pasien usia lanjut dirawat di Ruang Perawatan Penyakit Dalam Instalasi Rawat Inap B Rumah Sakit Dr. Cipto Mangunkusumo. *Maj Ilmu Kefarmasian.* 2008;5(3):138-49.
 106. Tobi KU, Ndokwu EO, Edomwonyi NP. Characteristics of Critically Ill elderly patients admitted to a tertiary Intensive Care Unit in Nigeria and outcome of management. *Glob Anesth Perioper Med.* 2017;2(5):226-9. doi:10.15761/GAPM.1000160.
 107. de Nadal M, Pérez-Hoyos S, Montejo-González JC, Pearse R, Aldecoa C. Intensive care admission and hospital mortality in the elderly after non-cardiac surgery. *Med Intensiva.* 2018;42(8):463-72. doi:10.1016/j.medin.2018.01.009.
 108. Onwochei DN, Fabes J, Walker D, Kumar G, Moonesinghe SR. Critical care after major surgery: A systematic review of risk factors for unplanned admission. *Anaesthesia.* 2020;75(S1). doi:10.1111/anae.14793.
 109. Chung JY, Chang WY, Lin TW, Lu JR, Yang MW, Lin CC, et al. An analysis of surgical outcomes in patients aged 80 years and older. *Acta Anaesthesiol Taiwanica.* 2014;52(4):153-8. doi:10.1016/j.aat.2014.09.003.
 110. Merani S, Payne J, Padwal RS, Hudson D, Widder SL, Khadaroo RG. Predictors of in-hospital mortality and complications in very elderly patients undergoing emergency surgery. *World J Emerg Surg.* 2014;9(43):233-6. doi:10.1097/00000542-197810000-00001.
 111. NELA Project Team. Fourth patient report of the National Emergency Laparotomy Audit (NELA). London: National Emergency Laparotomy Audit; 2018.
 112. Boyd-Carson H, Gana T, Lockwood S, Murray D, Tierney GM. A review of surgical and peri-operative factors to consider in emergency laparotomy care. *Anaesthesia.* 2020;75(S1). doi:10.1111/anae.14821
 113. Gounden V, Vashisht R, Jialal I. Hypoalbuminemia. Florida: StatPearls Publishing; 2020.

114. Brock F, Bettinelli LA, Dobner T, Stobbe JC, Pomatti G, Telles CT. Prevalence of hypoalbuminemia and nutritional issues in hospitalized elders. *Rev Lat Am Enfermagem*. 2016;24:e2736. doi:10.1590/1518-8345.0260.2736.
115. Garwe T, Albrecht RM, Stoner JA, Mitchell S, Motghare P. Hypoalbuminemia at admission is associated with increased incidence of in-hospital complications in geriatric trauma patients. *Am J Surg*. 2016;212(1):109-15. doi:10.1016/j.amjsurg.2015.06.013.
116. Rosenthal RA. Nutritional concerns in the older surgical patient. *J Am Coll Surg*. 2004;199(5):785-91. doi:10.1016/j.jamcollsurg.2004.07.027.
117. Gom I, Fukushima H, Shiraki M, Miwa Y, Ando T, Takai K, et al. Relationship between serum albumin level and aging in community-dwelling self-supported elderly population. *J Nutr Sci Vitaminol (Tokyo)*. 2007;53(1):37-42. doi:10.3177/jnsv.53.37.
118. Dwimartutie N, Setiati S, Wahyudi ER, Harimurti K. Model Prediksi mortalitas 30 hari pasien usia lanjut di ruang rawat akut geriatri menggunakan domain pendekatan paripurna pasien geriatri. *J Penyakit Dalam Indones*. 2020;7(2):100. doi:10.7454/jpdi.v7i2.410.
119. Rizka A, Harimurti K, Pitoyo CW, Koesnoe S. Performa Rapid Emergency Medicine Score (REMS) dalam memprediksi mortalitas 30 hari pasien usia lanjut di Instalasi Gawat Darurat. *J Penyakit Dalam Indones*. 2017;4(2):62. doi:10.7454/jpdi.v4i2.116.
120. Giannasi SE, Venuti MS, Midley AD, Roux N, Kecskes C, San Román E. Mortality risk factors in elderly patients in intensive care without limitation of therapeutic effort. *Med Intensiva*. 2018;42(8):482-9. doi:10.1016/j.medin.2017.10.014.
121. Dhesi J. Improving outcomes in older people undergoing elective surgery. *J R Coll Physicians Edinb*. 2010;40(4):348-53. doi:10.4997/JRCPE.2010.416.
122. Priyatmoko DP, Sudjud RW, Kadarsah RK. Angka mortalitas dan faktor risiko pada pasien geriatri yang menjalani operasi emergensi akut abdomen di RSUP Dr. Hasan Sadikin Bandung tahun 2014-2015. *J Anestesi Perioper*. 2017;5(2):94-103. doi:10.15851/jap.v5n2.1109.
123. Huang HT, Chen CH. Predictors of functional decline and care for the hospitalized elderly. *J Nurs*. 2009;56(1):85-90.
124. de Rooij SE, Govers A, Korevaar JC, Abu-Hanna A, Levi M, de Jonge E. Short-term and long-term mortality in very elderly patients admitted to an intensive care unit. *Intensive Care Med*. 2006;32(7):1039-44. doi:10.1007/s00134-006-0171-0.
125. Bagshaw SM, Webb SAR, Delaney A, George C, Pilcher D, Hart GK, et al. Very old patients admitted to intensive care in Australia and New Zealand: A multi-centre cohort analysis. *Crit Care*. 2009. doi:10.1186/cc7768.
126. Le Borgne P, Maestraggi Q, Couraud S, Lefebvre F, Herbrecht JE, Boivin A, et al. Critically ill elderly patients (≥ 90 years): Clinical characteristics, outcome and financial implications. *PLoS One*. 2018;13(6):e0198360. doi:10.1371/journal.pone.0198360.