

## DAFTAR PUSTAKA

- Abbas A.K., Aster J.C., Kumar V., 2015, Buku Ajar Patologi Robbins, Edisi 9, Elsevier Saunders, Singapura, 179-185
- Abdelrazik Othman, A., & Salah Abdelazim, M. (2017). Ventilator-associated pneumonia in adult intensive care unit prevalence and complications. *The Egyptian Journal of Critical Care Medicine*, 5(2), 61–63. <https://doi.org/10.1016/j.ejccm.2017.06.001>
- Ak, O., Batirel, A., Ozer, S., & Çolakoğlu, S. (2011). Nosocomial infections and risk factors in the intensive care unit of a teaching and research hospital: A prospective cohort study. *Medical Science Monitor*, 17(5), 29–34. <https://doi.org/10.12659/MSM.881750>
- Akkoyunlu, Y., Öztoprak, N., Aydemir, H., Pişkin, N., Çelebi, G., Ankarali, H., & Akduman, D. (2013). Risk factors for nosocomial pneumonia in intensive care units of a University Hospital. *Journal of Microbiology and Infectious Diseases*, 03(01), 3–7. <https://doi.org/10.5799/ahinjs.02.2013.01.0070>
- Al-Awaliyah, S. M. I. (2013). Penggunaan Nasogastric Tube (NGT) Sebagai Faktor Risiko Pneumonia Nosokomial di RSUP Dr. Sardjito, Sleman Yogyakarta. *Doctoral Dissertation, Universitas Gadjah Mada*.
- American Thoracic Society and Infectious Diseases Society of America and, O. (2005). Guidelines for the management of adults with hospital-acquired, ventilator-associated, and healthcare-associated pneumonia. *American Journal of Respiratory and Critical Care Medicine*, 171, 388.
- Artigas, A. T., Bello Dronda, S., Chacón Vallés, E., Muñoz Marco, J., Villuendas Usón, M. C., Figueras, P., Suarez, F. J., & Hernández, A. (2001). Risk factors for nosocomial pneumonia in critically ill trauma patients. *Critical Care Medicine*, 29(2), 304–309. <https://doi.org/10.1097/00003246-200102000-00015>
- Assefa, M., Tadesse, A., Adane, A., Yimer, M., & Tadesse, M. (2022). Factors associated with stroke associated pneumonia among adult stroke patients admitted to university of Gondar hospital, Northwest Ethiopia. *Scientific Reports*, 12(1), 1–8. <https://doi.org/10.1038/s41598-022-14656-2>
- Azizan, M. F., Isa, M. R., Mohd Yusof, A. N., & Ariffin, L. A. (2022). Comparative study on the evaluation of patient's satisfaction on esophagogastroduodenoscopy and colonoscopy between a pre-filled and standard hand-written consent form in Hospital Kuala Lipis. *The Medical Journal of Malaysia*, 77(5), 576–584.
- Bajaj, J., & Yadav, Y. R. (2010). Tracheostomy Decannulation. *Tracheostomy: Indications, Safety and Outcomes*, 213–224.
- Bhadade, R., Harde, M., deSouza, R., More, A., & Bharmal, R. (2017). Emerging trends of nosocomial pneumonia in intensive care unit of a tertiary care public teaching hospital in Western India. *Annals of African Medicine*, 16(3), 107–113. [https://doi.org/10.4103/aam.aam\\_7\\_17](https://doi.org/10.4103/aam.aam_7_17)
- Bonell, A., Azarrafiy, R., Huong, V. T. L., Le Viet, T., Phu, V. D., Dat, V. Q., Wertheim, H., Van Doorn, H. R., Lewycka, S., & Nadjm, B. (2019). A Systematic Review and Meta-analysis of Ventilator-associated Pneumonia in

- Adults in Asia: An Analysis of National Income Level on Incidence and Etiology. *Clinical Infectious Diseases*, 68(3), 511–518. <https://doi.org/10.1093/cid/ciy543>
- Borgert, M. J., Goossens, A., & Dongelmans, D. A. (2015). What are effective strategies for the implementation of care bundles on ICUs: A systematic review. *Implementation Science*, 10(1), 1–11. <https://doi.org/10.1186/s13012-015-0306-1>
- Borges, L. G. A., Savi, A., Teixeira, C., de Oliveira, R. P., De Camillis, M. L. F., Wickert, R., Brodt, S. F. M., Tonietto, T. F., Cremonese, R., da Silva, L. S., Gehm, F., Oliveira, E. S., Barth, J. H. D., Macari, J. G., de Barros, C. D., & Vieira, S. R. R. (2017). Mechanical ventilation weaning protocol improves medical adherence and results. *Journal of Critical Care*, 41, 296–302. <https://doi.org/10.1016/j.jcrc.2017.07.014>
- Bouadma, L., Sonnevile, R., Garrouste-Orgeas, M., Darmon, M., Souweine, B., Voiriot, G., Kallel, H., Schwebel, C., Goldgran-Toledano, D., Dumenil, A.-S., Argaud, L., Ruckly, S., Jamali, S., Planquette, B., Adrie, C., Lucet, J.-C., Azoulay, E., Timsit, J.-F., & Group, on behalf of the O. S. (2015). Ventilator-Associated Events: Prevalence, Outcome, and Relationship With Ventilator-Associated Pneumonia\*. *Critical Care Medicine*, 43(9). [https://journals.lww.com/ccmjjournal/Fulltext/2015/09000/Ventilator\\_Associated\\_Events\\_\\_Prevalence,\\_Outcome,.3.aspx](https://journals.lww.com/ccmjjournal/Fulltext/2015/09000/Ventilator_Associated_Events__Prevalence,_Outcome,.3.aspx)
- Budiarso, M. N., Suryakusuma, L., Luse, L., & Vetinly, V. (2018). Hubungan Disfagia Dan Penurunan Kesadaran Terhadap Pneumonia Aspirasi Pada Pasien Stroke Rs Atma Jaya. *Majalah Kedokteran Neurosains Perhimpunan Dokter Spesialis Saraf Indonesia*, 36(1). <https://doi.org/10.52386/neurona.v36i1.46>
- Bui, J. Q. H., Mendis, R. L., van Gelder, J. M., Sheridan, M. M. P., Wright, K. M., & Jaeger, M. (2011). Is postoperative intensive care unit admission a prerequisite for elective craniotomy?: Clinical article. *Journal of Neurosurgery JNS*, 115(6), 1236–1241. <https://doi.org/10.3171/2011.8.JNS11105>
- But, A., Yetkin, M. A., Kanyilmaz, D., Aslaner, H., Baştuğ, A., Aypak, A., Öngürü, P., Akinci, E., Mutlu, N. M., & Bodur, H. (2017). Analysis of epidemiology and risk factors for mortality in ventilator-associated pneumonia attacks in intensive care unit patients. *Turkish Journal of Medical Sciences*, 47(3), 812–816. <https://doi.org/10.3906/sag-1601-38>
- Centers for Disease Control and Prevention (CDC). (2022). Pneumonia. <https://www.cdc.gov/pneumonia/>
- Chapman, C., Morgan, P., Cadilhac, D. A., Purvis, T., & Andrew, N. E. (2018). Risk factors for the development of chest infections in acute stroke: a systematic review. *Topics in Stroke Rehabilitation*, 25(6), 445–458. <https://doi.org/10.1080/10749357.2018.1481567>
- Chen, B., Liu, W., Chen, Y., She, Q., Li, M., Zhao, H. Y., Zhao, W., Peng, Z., & Wu, J. (2021). Effect of Poor Nutritional Status and Comorbidities on the Occurrence and Outcome of Pneumonia in Elderly Adults. *Frontiers in Medicine*, 8(October). <https://doi.org/10.3389/fmed.2021.719530>

- Chughtai, M., Gwam, C. U., Mohamed, N., Khlopa, A., Newman, J. M., Khan, R., Nadhim, A., Shaffiy, S., & Mont, M. A. (2017). The Epidemiology and Risk Factors for Postoperative Pneumonia. *Journal of Clinical Medicine Research*, 9(6), 466–475. <https://doi.org/10.14740/jocmr3002w>
- Dasenbrock, H. H., Liu, K. X., Devine, C. A., Chavakula, V., Smith, T. R., Gormley, W. B., & Dunn, I. F. (2015). Length of hospital stay after craniotomy for tumor: A National Surgical Quality Improvement Program analysis. *Neurosurgical Focus*, 39(6), 1–17. <https://doi.org/10.3171/2015.10.FOCUS15386>
- Dasgupta, S., Das, S., Chawan, N. S., & Hazra, A. (2015). Nosocomial infections in the intensive care unit: Incidence, risk factors, outcome and associated pathogens in a public tertiary teaching hospital of Eastern India. *Indian Journal of Critical Care Medicine*, 19(1), 14–20. <https://doi.org/10.4103/0972-5229.148633>
- Davies, A. R., & Hennessy, A. J. (2019). Chapter 80 - Enteral Nutrition. In C. Ronco, R. Bellomo, J. A. Kellum, & Z. Ricci (Eds.), *Critical Care Nephrology (Third Edition)* (Third Edit, pp. 469-472.e2). Elsevier. <https://doi.org/https://doi.org/10.1016/B978-0-323-44942-7.00080-7>
- De Lassence, A., Alberti, C., Azoulay, É., Le Miere, E., Cheval, C., Vincent, F., Cohen, Y., Garrouste-Orgeas, M., Adrie, C., Troche, G., & Timsit, J. F. (2002). Impact of unplanned extubation and reintubation after weaning on nosocomial pneumonia risk in the intensive care unit. *Anesthesiology*, 97(1), 148–156. <https://doi.org/10.1097/0000542-200207000-00021>
- Dewar, D., Moore, F. A., Moore, E. E., & Balogh, Z. (2009). Postinjury multiple organ failure. *Injury*, 40(9), 912–918. <https://doi.org/10.1016/j.injury.2009.05.024>
- Dibardino, D. M., & Wunderink, R. G. (2015). Aspiration pneumonia : A review of modern trends. *Journal of Critical Care*, 30(1), 40–48. <https://doi.org/10.1016/j.jcrc.2014.07.011>
- Ding, C., Zhang, Y., Yang, Z., Wang, J., Jin, A., Wang, W., Chen, R., & Zhan, S. (2017). Incidence, temporal trend and factors associated with ventilator-associated pneumonia in mainland China: A systematic review and meta-analysis. *BMC Infectious Diseases*, 17(1), 1–10. <https://doi.org/10.1186/s12879-017-2566-7>
- Ebihara, S., Sekiya, H., Miyagi, M., Ebihara, T., & Okazaki, T. (2016). *Dysphagia , dystussia , and aspiration pneumonia in elderly people*. 8(9), 632–639. <https://doi.org/10.21037/jtd.2016.02.60>
- Eom, C. S., Park, S. M., Myung, S. K., Yun, J. M., & Ahn, J. S. (2011). Use of acid-suppressive drugs and risk of fracture: A meta-analysis of observational studies. *Annals of Family Medicine*, 9(3), 257–267. <https://doi.org/10.1370/afm.1243>
- Epstein, S. K. (2005). Late complications of tracheostomy. *Respiratory Care*, 50(4), 542–549. [https://doi.org/10.1016/s0272-5231\(21\)00806-6](https://doi.org/10.1016/s0272-5231(21)00806-6)
- Evaristo-Méndez, G., & Rocha-Calderón, C. H. (2016). Risk factors for nosocomial pneumonia in patients with abdominal surgery. *Cirugía y Cirujanos (English Edition)*, 84(1), 21–27.

<https://doi.org/10.1016/j.circen.2015.12.011>

- Ferrer, M., & Torres, A. (2018). Epidemiology of ICU-acquired pneumonia. *Current Opinion in Critical Care*, 24(5). [https://journals.lww.com/co-criticalcare/Fulltext/2018/10000/Epidemiology\\_of\\_ICU\\_acquired\\_pneumonia.3.aspx](https://journals.lww.com/co-criticalcare/Fulltext/2018/10000/Epidemiology_of_ICU_acquired_pneumonia.3.aspx)
- Fortaleza, C. M. C. B., Abati, P. A. M., Batista, M. R., & Dias, A. (2009). Risk factors for hospital-acquired pneumonia in nonventilated adults. *Brazilian Journal of Infectious Diseases*, 13(4), 284–288. <https://doi.org/10.1590/S1413-86702009000400009>
- Fry, A. M., Shay, D. K., Holman, R. C., Curns, A. T., & Anderson, L. J. (2005). Trends in hospitalizations for pneumonia among persons aged 65 years or older in the United States, 1988-2002. *Jama*, 294(21), 2712–2719. <https://doi.org/10.1001/jama.294.21.2712>
- Guzmán-Herrador, B., Molina, C. D., Allam, M. F., & Navajas, R. F. C. (2016). Independent risk factors associated with hospital-acquired pneumonia in an adult ICU: 4-year prospective cohort study in a university reference hospital. *Journal of Public Health (United Kingdom)*, 38(2), 378–383. <https://doi.org/10.1093/pubmed/fdv042>
- Hassan, A. E., Chaudhry, S. A., Zacharatos, H., Khatri, R., Akbar, U., K. Suri, M. F., & Qureshi, A. I. (2012). Increased rate of aspiration pneumonia and poor discharge outcome among acute ischemic stroke patients following intubation for endovascular treatment. *Neurocritical Care*, 16(2), 246–250. <https://doi.org/10.1007/s12028-011-9638-0>
- Hayden, S. J., Albert, T. J., Watkins, T. R., & Swenson, E. R. (2012). Anemia in critical illness: Insights into etiology, consequences, and management. *American Journal of Respiratory and Critical Care Medicine*, 185(10), 1049–1057. <https://doi.org/10.1164/rccm.201110-1915CI>
- Herold, C. J., & Sailer, J. G. (2004). Community-acquired and nosocomial pneumonia. *European Radiology, Supplement*, 14(3), 2–20. <https://doi.org/10.1007/s00330-003-2162-7>
- Hoyer, E. H., Friedman, M., Lavezza, A., Wagner-Kosmakos, K., Lewis-Cherry, R., Skolnik, J., Byers, S., Atanelov, L., Colantuoni, E., & Brotman. (2016). Promoting mobility and reducing length of stay in hospitalized general medicine patients: A quality-improvement project. *Journal of Hospital Medicine*.
- Hsieh, S. J., Otusanya, O., Gershengorn, H. B., Hope, A. A., Dayton, C., Levi, D., Garcia, M., Prince, D., Mills, M., Fein, D., Colman, S., & Gong, M. N. (2019). Staged Implementation of Awakening and Breathing, Coordination, Delirium Monitoring and Management, and Early Mobilization Bundle Improves Patient Outcomes and Reduces Hospital Costs\*. *Critical Care Medicine*, 47(7). [https://journals.lww.com/ccmjournals/Fulltext/2019/07000/Staged\\_Implementation\\_of\\_Awakening\\_and\\_Breathing.1.aspx](https://journals.lww.com/ccmjournals/Fulltext/2019/07000/Staged_Implementation_of_Awakening_and_Breathing.1.aspx)
- Jolley, S. E., Bunnell, A. E., & Hough, C. L. (2016). ICU-Acquired Weakness. *Chest*, 150(5), 1129–1140. <https://doi.org/https://doi.org/10.1016/j.chest.2016.03.045>

- Joseph, N. M., Sistla, S., Dutta, T. K., Badhe, A. S., & Parija, S. C. (2010). Ventilator-associated pneumonia: A review. *European Journal of Internal Medicine*, 21(5), 360–368. <https://doi.org/10.1016/j.ejim.2010.07.006>
- K, R. N., Hikmah, F., & Pertiwi, D. A. (2016). Analisis Faktor Penyebab Kejadian Hospital Acquired Pneumonia (HAP) Pada Pasien Instalasi Rawat Inap Kelas III RS Paru Jember Tahun 2015. *Jurnal Kesehatan*, 4(3).
- Kalil, A. C., Metersky, M. L., Klompas, M., Muscedere, J., Sweeney, D. A., Palmer, L. B., Napolitano, L. M., O’Grady, N. P., Bartlett, J. G., Carratalà, J., El Solh, A. A., Ewig, S., Fey, P. D., File, T. M., Restrepo, M. I., Roberts, J. A., Waterer, G. W., Cruse, P., Knight, S. L., & Brozek, J. L. (2016). Management of Adults With Hospital-acquired and Ventilator-associated Pneumonia: 2016 Clinical Practice Guidelines by the Infectious Diseases Society of America and the American Thoracic Society. *Clinical Infectious Diseases*, 63(5), e61–e111. <https://doi.org/10.1093/cid/ciw353>
- Kang, Y., Chun, M. H., & Lee, S. J. (2013). Evaluation of salivary aspiration in brain-injured patients with tracheostomy. *Annals of Rehabilitation Medicine*, 37(1), 96–102. <https://doi.org/10.5535/arm.2013.37.1.96>
- Karanjia, N., Nordquist, D., Stevens, R., & Nyquist, P. (2011). A clinical description of extubation failure in patients with primary brain injury. *Neurocritical Care*, 15(1), 4–12. <https://doi.org/10.1007/s12028-011-9528-5>
- Kato, S., Chmielewski, M., Honda, H., Pecoits-Filho, R., Matsuo, S., Yuzawa, Y., Tranaeus, A., Stenvinkel, P., & Lindholm, B. (2008). Aspects of immune dysfunction in end-stage renal disease. *Clinical Journal of the American Society of Nephrology*, 3(5), 1526–1533. <https://doi.org/10.2215/CJN.00950208>
- Kayambu, G., Boots, R., & Paratz, J. (2013). Physical Therapy for the Critically Ill in the ICU: A Systematic Review and Meta-Analysis\*. *Critical Care Medicine*, 41(6). [https://journals.lww.com/ccmjournals/Fulltext/2013/06000/Physical\\_Therapy\\_for\\_the\\_Critically\\_Ill\\_in\\_the.19.aspx](https://journals.lww.com/ccmjournals/Fulltext/2013/06000/Physical_Therapy_for_the_Critically_Ill_in_the.19.aspx)
- Kim, B. G., Kang, M., Lim, J., Lee, J., Kang, D., Kim, M., Kim, J., Park, H., Min, K. H., Cho, J., & Jeon, K. (2022). Comprehensive risk assessment for hospital-acquired pneumonia: sociodemographic, clinical, and hospital environmental factors associated with the incidence of hospital-acquired pneumonia. *BMC Pulmonary Medicine*, 22(1), 1–11. <https://doi.org/10.1186/s12890-021-01816-9>
- Klompas, M., Branson, R., Eichenwald, E. C., Greene, L. R., Howell, M. D., Lee, G., Magill, S. S., Maragakis, L. L., Priebe, G. P., Speck, K., Yokoe, D. S., & Berenholtz, S. M. (2014). Strategies to Prevent Ventilator-Associated Pneumonia in Acute Care Hospitals: 2014 Update. *Infection Control & Hospital Epidemiology*, 35(8), 915–936. <https://doi.org/10.1086/677144>
- Kornum, J. B., Thomsen, R. W., Riis, A., Lervang, H. H., Schønheyder, H. C., & Sørensen, H. T. (2008). Diabetes, glycemic control, and risk of hospitalization with pneumonia: A population-based case-control study. *Diabetes Care*, 31(8), 1541–1545. <https://doi.org/10.2337/dc08-0138>
- Koulenti, D., Tsigou, E., & Rello, J. (2017). Nosocomial pneumonia in 27 ICUs in



- Europe: perspectives from the EU-VAP/CAP study. *European Journal of Clinical Microbiology and Infectious Diseases*, 36(11), 1999–2006. <https://doi.org/10.1007/s10096-016-2703-z>
- Kozlov, A. V., & Grillari, J. (2022). Pathogenesis of Multiple Organ Failure: The Impact of Systemic Damage to Plasma Membranes. *Frontiers in Medicine*, 9(March). <https://doi.org/10.3389/fmed.2022.806462>
- Latronico, N., Herridge, M., Hopkins, R. O., Angus, D., Hart, N., Hermans, G., Iwashyna, T., Arabi, Y., Citerio, G., Wesley Ely, E., Hall, J., Mehta, S., Puntillo, K., Van den Hoeven, J., Wunsch, H., Cook, D., Dos Santos, C., Rubenfeld, G., Vincent, J. L., ... Needham, D. M. (2017). The ICM research agenda on intensive care unit-acquired weakness. *Intensive Care Medicine*, 43(9), 1270–1281. <https://doi.org/10.1007/s00134-017-4757-5>
- Lee, A. S., & Ryu, J. H. (2018). Aspiration Pneumonia and Related Syndromes. *Mayo Clinic Proceedings*, 1–11. <https://doi.org/10.1016/j.mayocp.2018.03.011>
- Leone, M., Bouadma, L., Bouhemad, B., Brissaud, O., Dager, S., Gibot, S., Hraiech, S., Jung, B., Kipnis, E., Launey, Y., Luyt, C. E., Margetis, D., Michel, F., Mokart, D., Montravers, P., Monsel, A., Nseir, S., Pugin, J., Roquilly, A., ... Chanques, G. (2018). Hospital-acquired pneumonia in ICU. *Anaesthesia Critical Care and Pain Medicine*, 37(1), 83–98. <https://doi.org/10.1016/j.accpm.2017.11.006>
- Loftus, T. J., Mira, J. C., Stortz, J. A., Ozrazgat-Baslanti, T., Ghita, G. L., Wang, Z., Brumback, B. A., Ungaro, R. F., Bihorac, A., Leeuwenburgh, C., Moore, F. A., Moldawer, L. L., Brakenridge, S. C., Efron, P. A., & Mohr, A. M. (2019). Persistent inflammation and anemia among critically ill septic patients. *The Journal of Trauma and Acute Care Surgery*, 86(2), 260–267. <https://doi.org/10.1097/TA.0000000000002147>
- López-de-Andrés, A., Perez-Farinos, N., de Miguel-Díez, J., Hernández-Barrera, V., Jiménez-Trujillo, I., Méndez-Bailón, M., de Miguel-Yanes, J. M., & Jiménez-García, R. (2019). Type 2 diabetes and postoperative pneumonia: An observational, population-based study using the Spanish Hospital Discharge Database, 2001-2015. *PLoS ONE*, 14(2), 1–14. <https://doi.org/10.1371/journal.pone.0211230>
- Luyt, C. E., Hékimian, G., Koulenti, D., & Chastre, J. (2018). Microbial cause of ICU-acquired pneumonia: Hospital-acquired pneumonia versus ventilator-associated pneumonia. In *Current Opinion in Critical Care* (Vol. 24, Issue 5, pp. 333–338). <https://doi.org/10.1097/MCC.0000000000000526>
- Magill, S. S., Edwards, J. R., Bamberg, W., Beldavs, Z. G., Dumyati, G., Kainer, M. A., Lynfield, R., Maloney, M., McAllister-Hollod, L., Nadle, J., Ray, S. M., Thompson, D. L., Wilson, L. E., & Fridkin, S. K. (2014). Multistate Point-Prevalence Survey of Health Care–Associated Infections. *New England Journal of Medicine*, 370(13), 1198–1208. <https://doi.org/10.1056/nejmoa1306801>
- Mandell, L. A., & Niederman, M. S. (2019). Aspiration Pneumonia. *The New England Journal of Medicine*, 651–663. <https://doi.org/10.1056/NEJMra1714562>

- Marik, P. E. (2001). Aspiration Pneumonitis and Aspiration Pneumonia. *New England Journal of Medicine*, 344(9), 665–671. <https://doi.org/10.1056/NEJM200103013440908>
- McWilliams, D., Weblin, J., Atkins, G., Bion, J., Williams, J., Elliott, C., Whitehouse, T., & Snelson, C. (2015). Enhancing rehabilitation of mechanically ventilated patients in the intensive care unit: A quality improvement project. *Journal of Critical Care*, 30(1), 13–18. <https://doi.org/10.1016/j.jcrc.2014.09.018>
- Micek, S. T., Chew, B., Hampton, N., & Kollef, M. H. (2016). A Case-Control Study Assessing the Impact of Nonventilated Hospital-Acquired Pneumonia on Patient Outcomes. *Chest*, 150(5), 1008–1014. <https://doi.org/10.1016/j.chest.2016.04.009>
- Minatoguchi, S., Nomura, A., Imaizumi, T., Sasaki, S., Ozeki, T., Uchida, D., Kawarazaki, H., Sasai, F., Tomita, K., Shimizu, H., & Fujita, Y. (2018). Low serum albumin as a risk factor for infection-related in-hospital death among hemodialysis patients hospitalized on suspicion of infectious disease: A Japanese multicenter retrospective cohort study. *Renal Replacement Therapy*, 4(1), 1–7. <https://doi.org/10.1186/s41100-018-0173-8>
- Modi, A. R., & Kovacs, C. S. (2020). Hospital-acquired and ventilator-associated pneumonia: Diagnosis, management, and prevention. *Cleveland Clinic Journal of Medicine*, 87(10), 633–639. <https://doi.org/10.3949/CCJM.87A.19117>
- Noval, S. R. L., & López, I. J. (2002). Do multiple blood transfusions predispose for a higher rate of non-blood-related infection complications? *Clinical Microbiology and Infection*, 8(7), 383–387. <https://doi.org/10.1046/j.1469-0691.2002.00465.x>
- Nwankwo, E. O., Ibeh, I., & Enabulele, O. I. (2012). Incidence and risk factors of surgical site infection in a tertiary health institution in Kano, Northwestern Nigeria. *International Journal of Infection Control*, 8(4), 8–13. <https://doi.org/10.3396/ijic.v8i4.035.12>
- Ohrui, T., & Arai, H. (2012). Aspiration pneumonia. *Practice of Geriatric Medicine*, 1, 565–572.
- Okgün Alcan, A., Demir Korkmaz, F., & Uyar, M. (2016). Prevention of ventilator-associated pneumonia: Use of the care bundle approach. *American Journal of Infection Control*, 44(10), e173–e176. <https://doi.org/10.1016/j.ajic.2016.04.237>
- Orso, D., Vetrugno, L., Federici, N., D’Andrea, N., & Bove, T. (2020). Endotracheal intubation to reduce aspiration events in acutely comatose patients: a systematic review. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 28(1), 1–10. <https://doi.org/10.1186/s13049-020-00814-w>
- Ou-Yang, L. J., Chen, P. H., Jhou, H. J., Su, V. Y. F., & Lee, C. H. (2020). Proportional assist ventilation versus pressure support ventilation for weaning from mechanical ventilation in adults: A meta-analysis and trial sequential analysis. *Critical Care*, 24(1), 1–10. <https://doi.org/10.1186/s13054-020-03251-4>

- Panebianco, M. (2020). *Dysphagia in neurological diseases : a literature review*. 1, 3067–3073.
- Papadakis, M. A., McPhee, S. J., & Rabow, M. W. (2022). Current Medical Diagnosis and Treatment. In *Paper Knowledge . Toward a Media History of Documents* (sixty-fisr, Vol. 3, Issue April). Mc Graw Hill.
- Patil, H. V., & Patil, V. C. (2017). Incidence, bacteriology, and clinical outcome of ventilator-associated pneumonia at tertiary care hospital. *Journal of Natural Science, Biology and Medicine*, 8(1), 46–55. <https://doi.org/10.4103/0976-9668.198360>
- Perhimpunan Dokter Paru Indonesia, P. (2003). *PNEUMONIA NOSOKOMIAL : Pedoman Diagnosis & Penatalaksanaan di Indonesia*.
- Pinsky, M. R., Mancebo, J., Brochard, L., & Hedenstierna, G. (2012). Applied physiology in intensive care medicine. In *Applied Physiology in Intensive Care Medicine (Second Edition)*. Springer. <https://doi.org/10.1007/978-3-642-01769-8>
- Qi, W., Murphy, T. E., Doyle, M. M., & Ferrante, L. E. (2023). Association Between Daily Average of Mobility Achieved During Physical Therapy Sessions and Hospital-Acquired or Ventilator-Associated Pneumonia among Critically Ill Patients. *Journal of Intensive Care Medicine*, 38(5), 418–424. <https://doi.org/10.1177/08850666221133318>
- Robinson, M., & Davidson, A. (2014). Aspiration under anaesthesia: Risk assessment and decision-making. *Continuing Education in Anaesthesia, Critical Care and Pain*, 14(4), 171–175. <https://doi.org/10.1093/bjaceaccp/mkt053>
- Roshan, R., Dhanapal, S. G., Vijay, J., Madhiyazhagan, M., Amirtharaj, J., Ganesan, P., & Abhilash, K. P. P. (2021). Aspiration during rapid sequence induction-prevalence and risk factors. *Indian Journal of Critical Care Medicine*, 25(2), 140–145. <https://doi.org/10.5005/jp-journals-10071-23714>
- Sanivarapu, R. R., & Gibson, J. (2022). Aspiration Pneumonia. In *StatPearls*. <http://www.ncbi.nlm.nih.gov/pubmed/29261921>
- Santoso, B. (2015). Faktor-faktor yang Berhubungan dengan Kejadian Pneumonia di Intensive Care Unit (ICU) Rumah Sakit Islam Surakarta. *Doctoral Dissertation, Universitas Muhammadiyah Surakarta*, 4(1). <https://doi.org/10.37341/jkg.v4i1.62>
- Sellers, C., Bowie, L., Bagg, J., Sweeney, M. P., Miller, H., Tilston, J., Langhorne, P., & Stott, D. J. (2007). Risk factors for chest infection in acute stroke: A prospective cohort study. *Stroke*, 38(8), 2284–2291. <https://doi.org/10.1161/STROKEAHA.106.478156>
- Shahabi, M., Yousefi, H., Yazdannik, A., & Alikiaii, B. (2016). The effect of daily sedation interruption protocol on early incidence of ventilator-associated pneumonia among patients hospitalized in critical care units receiving mechanical ventilation. *Iranian Journal of Nursing and Midwifery Research*, 21(5), 541–546. <https://doi.org/10.4103/1735-9066.193420>
- Shorr, A. F., Duh, M.-S., Kelly, K. M., Kollef, M. H., & Group, and the C. S. (2004). Red blood cell transfusion and ventilator-associated pneumonia: A potential link? *Critical Care Medicine*, 32(3).



[https://journals.lww.com/ccmjournal/Fulltext/2004/03000/Red\\_blood\\_cell\\_transfusion\\_and.8.aspx](https://journals.lww.com/ccmjournal/Fulltext/2004/03000/Red_blood_cell_transfusion_and.8.aspx)

- Siqueira, E. M. P., & Diccini, S. (2017). Postoperative complications in elective and non-elective neurosurgery. *ACTA Paulista de Enfermagem*, 30(1), 101–108. <https://doi.org/10.1590/1982-0194201700015>
- Smith, M. A., Hibino, M., Falcione, B. A., Eichinger, K. M., Patel, R., & Empey, K. M. (2014). Immunosuppressive Aspects of Analgesics and Sedatives Used in Mechanically Ventilated Patients: An Underappreciated Risk Factor for the Development of Ventilator-Associated Pneumonia in Critically Ill Patients. *Annals of Pharmacotherapy*, 48(1), 77–85. <https://doi.org/10.1177/1060028013510698>
- Sopena, N., Heras, E., Casas, I., Bechini, J., Guasch, I., Pedro-Botet, M. L., Roure, S., & Sabrià, M. (2014). Risk factors for hospital-acquired pneumonia outside the intensive care unit: A case-control study. *American Journal of Infection Control*, 42(1), 38–42. <https://doi.org/10.1016/j.ajic.2013.06.021>
- Suryani, S., Pramono, W. B., & Prihartini, H. (2021). Profil Pasien Hospital-Acquired Pneumonia ( HAP ) Pasca Kraniotomi di ICU RSUD Prof . dr . margono soekarjo.14(2), 99–110. <https://doi.org/10.20884/1.mandala>
- Syed-Ahmed, M., & Narayanan, M. (2019). Immune Dysfunction and Risk of Infection in Chronic Kidney Disease. *Advances in Chronic Kidney Disease*, 26(1), 8–15. <https://doi.org/10.1053/j.ackd.2019.01.004>
- Tamadon, M. R. (2016). Immunity and Chronic Kidney Disease. *Immunopathol Persa*.
- Teramoto, S. (2009). Novel preventive and therapeutic strategy for post-stroke pneumonia. *Expert Review of Neurotherapeutics*, 9(8), 1187–1200. <https://doi.org/10.1586/ern.09.72>
- Tipping, C. J., Harrold, M., Holland, A., Romero, L., Nisbet, T., & Hodgson, C. L. (2017). The effects of active mobilisation and rehabilitation in ICU on mortality and function: a systematic review. *Intensive Care Medicine*, 43(2), 171–183. <https://doi.org/10.1007/s00134-016-4612-0>
- Ucgun, I., Dagli, C. E., Kiremitci, A., Yildirim, H., Ak, G., & Aslan, S. (2013). Effects of isolation rooms on the prevalence of hospital acquired pneumonia in a respiratory ICU. *European Review for Medical and Pharmacological Sciences*, 17 Suppl 1(Suppl 1), 2–8.
- Uvizl, R., Kolar, M., Herkel, T., Vobrova, M., & Langova, K. (2017). Possibilities for modifying risk factors for the development of hospital-acquired pneumonia in intensive care patients: Results of a retrospective, observational study. *Biomedical Papers*, 161(3), 303–309. <https://doi.org/10.5507/bp.2017.019>
- van der Maarel-Wierink, C. D., Vanobbergen, J. N. O., Bronkhorst, E. M., Schols, J. M. G. A., & de Baat, C. (2011). Risk factors for aspiration pneumonia in frail older people: a systematic literature review. *Journal of the American Medical Directors Association*, 12(5), 344–354. <https://doi.org/10.1016/j.jamda.2010.12.099>
- Wahyuningsih, E. S. (2021). Faktor–faktor yang Mempengaruhi Kejadian Pneumonia Nosokomial (HAP) di Intensive Care Unit (ICU) RSUD Dr.

- Haryoto Lumajang Tahun 2020. STIKES Majapahit.
- Wałaszek, M., Kosiarska, A., Gniadek, A., Kołpa, M., Wolak, Z., Dobroś, W., & Siadek, J. (2016). The risk factors for hospital-acquired pneumonia in the Intensive Care Unit. *Przegląd Epidemiologiczny*, 70(1).
- Wan, V. I. E., Ellyer, T. H. H., Ewton, J. U. N., & Impson, J. O. H. N. S. (2017). *New horizons in hospital acquired pneumonia in older people. February*, 352–358. <https://doi.org/10.1093/ageing/afx029>
- Wang, K. W., Chen, H. J., Lu, K., Liliang, P. C., Huang, C. K., Tang, P. L., Tsai, Y. D., Wang, H. K., & Liang, C. L. (2013). Pneumonia in patients with severe head injury: Incidence, risk factors, and outcomes ; Clinical article. *Journal of Neurosurgery*, 118(2), 358–363. <https://doi.org/10.3171/2012.10.JNS127>
- Whiting, J., Gowardman, J. R., & Huntington, D. (2006). The effect of extubation failure on outcome in a multidisciplinary Australian intensive care unit. *Critical Care and Resuscitation*, 8(4). <https://search.informit.org/doi/10.3316/informit.516736226736557>
- Wielenga, J. M., van den Hoogen, A., van Zanten, H. A., Helder, O., Bol, B., & Blackwood, B. (2014). Protocolized versus non-protocolized weaning for reducing the duration of invasive mechanical ventilation in newborn infants. *Cochrane Database of Systematic Reviews*, 2014(5). <https://doi.org/10.1002/14651858.CD011106>
- Wu, D., Wu, C., Zhang, S., & Zhong, Y. (2019). Risk factors of ventilator-associated pneumonia in critically III patients. *Frontiers in Pharmacology*, 10(MAY), 1–7. <https://doi.org/10.3389/fphar.2019.00482>
- Yamauchi, Y., Yasunaga, H., Matsui, H., Hasegawa, W., Jo, T., Takami, K., Fushimi, K., & Nagase, T. (2015). Comparison of clinical characteristics and outcomes between aspiration pneumonia and community-acquired pneumonia in patients with chronic obstructive pulmonary disease. *BMC Pulmonary Medicine*, 15(1), 1–7. <https://doi.org/10.1186/s12890-015-0064-5>
- Yepes, D., Gil, B., Hernandez, O., Murillo, R., Gonzalez, M., & Velasquez, J. P. (2006). Ventilator associated pneumonia and transfusion, is there really an association? (the NAVTRA study). *BMC Pulmonary Medicine*, 6, 1–5. <https://doi.org/10.1186/1471-2466-6-18>
- Yuan, M., Li, Q., Zhang, R., Zhang, W., Zou, N., Qin, X., & Cai, Z. (2021). Risk factors for and impact of poststroke pneumonia in patients with acute ischemic stroke. *Medicine*, 100(12), e25213. <https://doi.org/10.1097/MD.00000000000025213>
- Zang, K., Chen, B., Wang, M., Chen, D., Hui, L., Guo, S., Ji, T., & Shang, F. (2020). The effect of early mobilization in critically ill patients: A meta-analysis. *Nursing in Critical Care*, 25(6), 360–367. <https://doi.org/https://doi.org/10.1111/nicc.12455>