

DAFTAR PUSTAKA

Abad, C.L., Formalejo, C.P., Mantaring, D.M.L., 2021. Assessment of knowledge and implementation practices of the ventilator acquired pneumonia (VAP) bundle in the intensive care unit of a private hospital. *Antimicrob. Resist. Infect. Control* 10, 1–6. <https://doi.org/10.1186/s13756-021-01027-1>

Basyigit, S., 2017. Clinical pulmonary infection score (CPIS) as a screening tool in ventilatory associated pneumonia (VAP). *Med. Bull. Sisli Etfal Hosp.* 51, 133–141.

Bird, D., Zambuto, A., O'Donnell, C., Silva, J., Korn, C., Burke, R., Burke, P., Agarwal, S., 2010. Adherence to ventilator-associated pneumonia bundle and incidence of ventilator-associated pneumonia in the surgical intensive care unit. *Arch. Surg.* 145, 465–470. <https://doi.org/10.1001/archsurg.2010.69>

Boltey, E., Yakusheva, O., Kelly Costa, D., Michigan, A.A., 2017. Nursing strategies to prevent ventilator-associated pneumonia 12, 42–43.

Burja, S., Belec, T., Bizjak, N., Mori, J., Markota, A., Sinkovič, A., 2018. Efficacy of a bundle approach in preventing the incidence of ventilator associated pneumonia (VAP). *Bosn. J. Basic Med. Sci.* 18, 105–109. <https://doi.org/10.17305/bjbms.2017.2278>

Carpio, A.L.M., Mora, J.I., 2024. Ventilator Management. *StatPearls*.

CDC, 2024. Pneumonia (Ventilator-associated [VAP] and non-ventilator-associated Pneumonia [PNEU]) Event. *Cent. Dis. Control Prev.* 1–19.

Chang, P.-H., Lin, T.-L., Chen, Y.-J., Lai, W.-H., Chen, I.-L., Chang, H.-C., Lin, Y.-C., Lin, Y.-H., Li, W.-F., Liu, Y.-W., 2024. Risk factors, pathogens, and outcomes of Ventilator-Associated Pneumonia in Non-cardiac Surgical patients: a retrospective analysis. *Microorganisms* 12, 1422.

Damasnyah, H., Yunus, P., Monoarfa, S., Taliki, V., 2024. Pengaruh VAP Bundle Intervention Dalam Pencegahan VAP Pada Pasien Terpasang Ventilator Mekanik Di Ruang ICU RSUD Prof. Dr. H. Aloei Saboe Kota Gorontalo. *J. Keperawatan Muhammadiyah* 9, 173–180.

Güner, C.K., Kutlutürkan, S., 2022. Role of head-of-bed elevation in preventing ventilator-associated pneumonia bed elevation and pneumonia. *Nurs. Crit. Care* 27, 635–645. <https://doi.org/10.1111/nicc.12633>

Hassan, E.A., Elsaman, S.E.A., 2022. Relationship between ventilator bundle compliance and the occurrence of ventilator-associated events: a prospective cohort study. *BMC Nurs.* 21, 207.

Hellyer, T.P., Ewan, V., Wilson, P., Simpson, A.J., 2016. The Intensive Care Society recommended bundle of interventions for the prevention of ventilator-associated

pneumonia. *J. Intensive Care Soc.* 17, 238–243. <https://doi.org/10.1177/1751143716644461>

Hetland, B., Heusinkvelt, J., Krabbenhoft, L., Grotts, E., 2018. Mechanical ventilation weaning: An evidence-based review. *Nursing2020 Crit. Care* 13.

Hickey, S.M., Sankari, A., Giwa, A.O., 2024. Mechanical Ventilation. *StatPearls*.

Howroyd, F., Chacko, C., MacDuff, A., Gautam, N., Pouchet, B., Tunnicliffe, B., Weblin, J., Gao-Smith, F., Ahmed, Z., Duggal, N.A., Veenith, T., 2024. Ventilator-associated pneumonia: pathobiological heterogeneity and diagnostic challenges. *Nat. Commun.* 15. <https://doi.org/10.1038/s41467-024-50805-z>

Huang, H. Bin, Jiang, W., Wang, C.Y., Qin, H.Y., Du, B., 2018. Stress ulcer prophylaxis in intensive care unit patients receiving enteral nutrition: A systematic review and meta-analysis. *Crit. Care* 22, 1–9. <https://doi.org/10.1186/s13054-017-1937-1>

Huang, H., Yu, X., Huang, C., Zeng, J., Li, Y., 2025. Oral care medications for the prevention and treatment of ventilator-associated pneumonia in intensive care unit. *Front. Oral Heal.* 6, 1–7. <https://doi.org/10.3389/froh.2025.1566355>

Isac, C., Samson, H.R., John, A., 2021. Prevention of VAP: Endless evolving evidences—systematic literature review. *Nurs. Forum* 56, 905–915. <https://doi.org/10.1111/nuf.12621>

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., 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. *Clin. Infect. Dis.* 63, e61–e111.

Kallet, R.H., 2019. Ventilator bundles in transition: From prevention of ventilator-associated pneumonia to prevention of ventilator-associated events. *Respir. Care* 64, 994–1006. <https://doi.org/10.4187/respcare.06966>

Klompas, M., Branson, R., Cawcutt, K., Crist, M., Eichenwald, E.C., Greene, L.R., Lee, G., Maragakis, L.L., Powell, K., Priebe, G.P., Speck, K., Yokoe, D.S., Berenholtz, S.M., 2022. Strategies to prevent ventilator-associated pneumonia, ventilator-associated events, and nonventilator hospital-acquired pneumonia in acute-care hospitals: 2022 Update. *Infect. Control Hosp. Epidemiol.* 43, 687–713. <https://doi.org/10.1017/ice.2022.88>

Klompas, M., Speck, K., Howell, M.D., Greene, L.R., Berenholtz, S.M., 2014. Reappraisal of routine oral care with chlorhexidine gluconate for patients receiving mechanical ventilation: Systematic review and meta-analysis. *JAMA Intern. Med.* 174, 751–761. <https://doi.org/10.1001/jamainternmed.2014.359>

Kong, X., Wu, Y., Wen, B., Meng, D., Wei, L., Yu, P., 2022. Effect of Stress Ulcers Prophylaxis, Sedative and Statin on Ventilator-Associated Pneumonia: A

Retrospective Analysis Based on MIMIC Database. *Front. Pharmacol.* 13, 1–11. <https://doi.org/10.3389/fphar.2022.921422>

Kreitmman, L., Gaudet, A., Nseir, S., 2023. Ventilator-associated pneumonia in immunosuppressed patients. *Antibiotics* 12, 413.

Leong, Y.H., Khoo, Y.L., Abdullah, H.R., Ke, Y., 2024. Compliance to ventilator care bundles and its association with ventilator-associated pneumonia. *Anesthesiol. Perioper. Sci.* 2, 1–12. <https://doi.org/10.1007/s44254-024-00059-1>

Li, W., Cai, J., Ding, L., Chen, Y., Wang, X., Xu, H., 2024. Incidence and risk factors of ventilator-associated pneumonia in the intensive care unit: a systematic review and meta-analysis. *J. Thorac. Dis.* 16, 5518–5528. <https://doi.org/10.21037/jtd-24-150>

Marshall, J.C., Bosco, L., Adhikari, N.K., Connolly, B., Diaz, J. V, Dorman, T., Fowler, R.A., Meyfroidt, G., Nakagawa, S., Pelosi, P., 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. *J. Crit. Care* 37, 270–276.

Martinez-Reviejo, R., Tejada, S., Jansson, M., Ruiz-Spinelli, A., Ramirez-Estrada, S., Ege, D., Vieceli, T., Maertens, B., Blot, S., Rello, J., 2023. Prevention of ventilator-associated pneumonia through care bundles: A systematic review and meta-analysis. *J. Intensive Med.* 3, 352–364. <https://doi.org/10.1016/j.jointm.2023.04.004>

Mastrogianni, M., Katsoulas, T., Galanis, P., Korompeli, A., Myrianthefs, P., 2023. The Impact of Care Bundles on Ventilator-Associated Pneumonia (VAP) Prevention in Adult ICUs: A Systematic Review. *Antibiotics*. <https://doi.org/10.3390/antibiotics12020227>

Najafi Ghezeljeh, T., Kalhor, L., Moradi Moghadam, O., Niyakan Lahiji, M., Haghani, H., 2017. The comparison of the effect of the head of bed elevation to 30 and 45 degrees on the incidence of ventilator associated pneumonia and the risk for pressure ulcers: A controlled randomized clinical trial. *Iran. Red Crescent Med. J.* 19. <https://doi.org/10.5812/ircmj.14224>

Núñez, S.A., Roveda, G., Zárate, M.S., Emmerich, M., Verón, M.T., 2021. Ventilator-associated pneumonia in patients on prolonged mechanical ventilation: description, risk factors for mortality, and performance of the SOFA score. *J. Bras. Pneumol.* 47, e20200569.

Papazian, L., Klompas, M., Luyt, C.-E., 2020. Ventilator-associated pneumonia in adults: a narrative review. *Intensive Care Med.* 46, 888–906. <https://doi.org/10.1007/s00134-020-05980-0>

Peña-López, Y., Ramirez-Estrada, S., Eshwara, V.K., Rello, J., 2018. Limiting ventilator-associated complications in ICU intubated subjects: strategies to prevent ventilator-associated events and improve outcomes. *Expert Rev. Respir. Med.* 12, 1037–1050. <https://doi.org/10.1080/17476348.2018.1549492>

Pham, T., Brochard, L.J., Slutsky, A.S., 2017. Mechanical Ventilation: State of the Art. *Mayo Clin. Proc.* 92, 1382–1400. <https://doi.org/10.1016/j.mayocp.2017.05.004>

Plummer, M.P., Blaser, A.R., Deane, A.M., 2014. Stress ulceration: Prevalence, pathology and association with adverse outcomes. *Crit. Care* 18. <https://doi.org/10.1186/cc13780>

Pozuelo-Carrascosa, D.P., Cobo-Cuenca, A.I., Carmona-Torres, J.M., Laredo-Aguilera, J.A., Santacruz-Salas, E., Fernandez-Rodriguez, R., 2022. Body position for preventing ventilator-associated pneumonia for critically ill patients: a systematic review and network meta-analysis. *J. Intensive Care* 10, 1–14. <https://doi.org/10.1186/s40560-022-00600-z>

Radhakrishnan, R., Sood, R., Wig, N., Sethi, P., Soneja, M., Kumar, A., Nischal, N., Biswas, A., Pandey, R.M., 2021. Effect of training and checklist based use of ventilator associated pneumonia (VAP) prevention bundle protocol on patient outcome: a tertiary care centre study. *J. Assoc. Physicians India* 69, 11–12.

Raghavi, H., Premkumar, S., Venkataraman, R., Ramakrishnan, N., Padmanaban, A., 2023. VAP Bundle Components and Their Compliance in a Tertiary Intensive Care Unit. *Indian J. Respir. Care* 12, 127–130. <https://doi.org/10.5005/jp-journals-11010-1032>

Rello, J., Ramírez-Estrada, S., Romero, A., Arvaniti, K., Koulenti, D., Nseir, S., Oztoprak, N., Bouadma, L., Vidaur, L., Lagunes, L., 2019. Factors associated with ventilator-associated events: an international multicenter prospective cohort study. *Eur. J. Clin. Microbiol. Infect. Dis.* 38, 1693–1699.

Rouzé, A., Cottureau, A., Nseir, S., 2014. Chronic obstructive pulmonary disease and the risk for ventilator-associated pneumonia. *Curr. Opin. Crit. Care* 20, 525–531. <https://doi.org/10.1097/MCC.000000000000123>

Sekihara, K., Okamoto, T., Shibasaki, T., Matsuda, W., Funai, K., Yonehiro, Y., Matsubara, C., Kimura, A., 2023. Evaluation of a bundle approach for the prophylaxis of ventilator-associated pneumonia: A retrospective single-center Study. *Glob. Heal. Med.* 5, 33–39. <https://doi.org/10.35772/ghm.2022.01038>

Semet, C. (2023). The ongoing challenge of ventilator-associated pneumonia: epidemiology, prevention, and risk factors for mortality in a secondary care hospital intensive care unit. *Infection Prevention in Practice*, 5(4). <https://doi.org/10.1016/j.infpip.2023.100320>

Singh, C., Abdullah, R., 2024. Impact of Ventilator-Associated Pneumonia Preventative Measures and Ventilator Bundle Care in a Tertiary Care Hospital's Adult Intensive Care Unit. *Cureus* 16, e59877. <https://doi.org/10.7759/cureus.59877>

Singh, P., Arshad, Z., Srivastava, V.K., Singh, G.P., Gangwar, R.S., 2022. Efficacy of Oral Care Protocols in the Prevention of Ventilator-Associated Pneumonia in Mechanically Ventilated Patients. *Cureus* 14. <https://doi.org/10.7759/cureus.23750>

Stretch, B., Shepherd, S.J., 2021. Criteria for intensive care unit admission and severity of illness. *Surg.* 39, 22–28.

Tadesse, E.E., Tilahun, A.D., Yesuf, N.N., Nimani, T.D., Mekuria, T.A., 2024. Mortality and its associated factors among mechanically ventilated adult patients in the intensive care units of referral hospitals in Northwest Amhara, Ethiopia, 2023. *Front. Med.* 11, 1–14. <https://doi.org/10.3389/fmed.2024.1345468>

Wu, D., Wu, C., Zhang, S., Zhong, Y., 2019. Risk factors of ventilator-associated pneumonia in critically ill patients. *Front. Pharmacol.* 10, 482.