

## DAFTAR PUSTAKA

- Alfaray, R. I., Mahfud, M. I., & Faizun, R. S. (2019). Duration Of Ventilation Support Usage And Development Of Ventilator-Associated Pneumonia: When Is The Most Time At Risk? *Blood*, 1, 2.
- Alyahya, M. S., Hijazi, H. H., Al Qudah, J., AlShyab, S., & AlKhalidi, W. (2018). Evaluation of infection prevention and control policies, procedures, and practices: An ethnographic study. *American Journal of Infection Control*, 46(12), 1348–1355.
- Arianti, R. E. (2019). *Hubungan Lanjut Usia Dengan Kejadian Pneumonia Komunitas Di RSUD Provinsi NTB Tahun 2019*. Fakultas Kedokteran UIN Syarif Hidayahullah Jakarta.
- Asadian, M., Azimi, L., Alinejad, F., Ostadi, Y., & Lari, A. R. (2019). Molecular Characterization of *Acinetobacter baumannii* Isolated from Ventilator-Associated Pneumonia and Burn Wound Colonization by Random Amplified Polymorphic DNA Polymerase Chain Reaction and the Relationship between Antibiotic Susceptibility and Biofilm Production. *Advanced Biomedical Research*, 8(1), 58. [https://doi.org/10.4103/abr.abr\\_256\\_18](https://doi.org/10.4103/abr.abr_256_18)
- Ayunani, A. S. (2020). Hubungan Lama Penggunaan Ventilator Mekanik dengan Kejadian Ventilator-Associated Pneumonia (VAP) pada Pasien Perawatan di ICU RSUP Persahabatan Periode 2018-2019. *Universitas Pembangunan Nasional Veteran Jakarta*.
- Bandić-Pavlović, D., Zah-Bogović, T., Žižek, M., Bielen, L., Bratić, V., Hrabač, P., Slačanac, D., Mihaljević, S., & Bedenić, B. (2020). Gram-negative bacteria as causative agents of ventilator-associated pneumonia and their respective resistance mechanisms. *Journal of Chemotherapy*, 32(7), 344–358.
- Bonten, M. J. M., Kollef, M. H., & Hall, J. B. (2020). Risk factors for ventilator-associated pneumonia: From epidemiology to patient management. *Clinical Infectious Diseases*, 38(8), 1141–1149. <https://doi.org/10.1086/383039>
- Bozorgmehr, R., Bahrani, V., & Fatemi, A. (2017). Ventilator-associated pneumonia and its responsible germs; an epidemiological study. *Emergency*, 5(1).
- Chang, L., Dong, Y., & Zhou, P. (2017). Investigation on Risk Factors of Vyona Rizky Mediosepti, 2024  
HUBUNGAN LAMA PENGGUNAAN VENTILATOR MEKANIK, USIA DAN POLA KUMAN DENGAN KEJADIAN VENTILATOR ASSOCIATED PNEUMONIA PADA PASIEN ICU RSPAD GATOT SOEBROTO TAHUN 2019-2023  
UPN Veteran Jakarta, Fakultas Kedokteran, S1 Kedokteran  
[www.upnvj.ac.id-www.library.upnvj.ac.id-www.repository.upnvj.ac.id]

- Ventilator-Associated Pneumonia in Acute Cerebral Hemorrhage Patients in Intensive Care Unit. *Canadian Respiratory Journal*, 2017, 19–22. <https://doi.org/10.1155/2017/7272080>
- Chastre, J., & Fagon, J.-Y. (2002). Ventilator-associated pneumonia. *American Journal of Respiratory and Critical Care Medicine*, 165(7), 867–903.
- Chen, H., Chen, Z. Z., Gong, S. R., & Yu, R. G. (2023). Visualizing the dynamic mechanical power and time burden of mechanical ventilation patients: an analysis of the MIMIC-IV database. *Journal of Intensive Care*, 11(1), 1–11. <https://doi.org/10.1186/s40560-023-00709-9>
- Clare, M., & Hopper, K. (2005). Mechanical ventilation: indications, goals, and prognosis. *Compendium*, 27(3), 195–208.
- Cook, D. J., Meade, M. O., Hand, L. E., & McMullin, J. P. (2002). Toward understanding evidence uptake: semirecumbency for pneumonia prevention. *Critical Care Medicine*, 30(7), 1472–1477.
- Cook, D. J., Walter, S. D., Cook, R. J., Griffith, L. E., Guyatt, G. H., Leasa, D., Jaeschke, R. Z., & Brun-Buisson, C. (1998). Incidence of and risk factors for ventilator-associated pneumonia in critically ill patients. *Annals of Internal Medicine*, 129(6), 433–440.
- Cotoia, A., Spadaro, S., Gambetti, G., Koulenti, D., & Cinnella, G. (2020). Pathogenesis-targeted preventive strategies for multidrug resistant ventilator-associated pneumonia: a narrative review. *Microorganisms*, 8(6), 821.
- Cunnion, K. M., Weber, D. J., Broadhead, W. E., Hanson, L. C., Pieper, C. F., & Rutala, W. A. (2006). Risk factors for nosocomial pneumonia comparing adult critical-care populations. *Pneumologie*, 50(8), 524.
- Dewantari, L. P. A., & Nada, K. W. (2017). Aplikasi Alat Bantu Napas Mekanik. *Universitas Udayana*, 1–27.
- Dewi, Y. I. (2015). *Identifikasi Faktor Resiko Kejadian Infeksi Nosokomial Pneumonia Pada Pasien Yang Terpasang Ventilator Di Ruang Intensive Care*. Riau University.
- Febyan, & Lardo, S. (2018). Patogenesis Ventilator Associated Pneumonia Terkini. *Indonesia Journal Chest*, 5(4), 35–43.
- Fischa Awalin, Ida Faridah, & Usep Saipul Ridwan. (2019). Faktor-Faktor Yang

- Berhubungan Dengan Ventilation Associated Pneumonia (Vap) Pada Populasi Pasien Gangguan Persyarafan Diruang ICU RSU Provinsi Banten Tahun 2019. *Jurnal Kesehatan*, 8(2), 42–56. <https://doi.org/10.37048/kesehatan.v8i2.140>
- Goel, V., Hogade, S. A., & Karadesai, S. G. (2012). Ventilator associated pneumonia in a medical intensive care unit: Microbial aetiology, susceptibility patterns of isolated microorganisms and outcome. *Indian Journal of Anaesthesia*, 56(6), 558.
- Gottesman, T., Yossepovitch, O., Lerner, E., Schwartz-Harari, O., Soroksky, A., Yekutieli, D., & Dan, M. (2014). The accuracy of Gram stain of respiratory specimens in excluding *Staphylococcus aureus* in ventilator-associated pneumonia. *Journal of Critical Care*, 29(5), 739–742.
- Handayani, I., & Kadir, N. A. (2023). Patterns of germs before, during and after the COVID-19 pandemic in Intensive Care Unit (ICU) patients at Dr. Wahidin Sudirohusodo, Makassar, Indonesia. *Indonesia Journal of Biomedical Science*, 17(2), 262–268.
- Hassan, M. E., Al-Khawaja, S. A., Saeed, N. K., Al-Khawaja, S. A., Al-Awainati, M., Radhi, S. S. Y., Alsaffar, M. H., & Al-Beltagi, M. (2023). Causative bacteria of ventilator-associated pneumonia in intensive care unit in Bahrain: Prevalence and antibiotics susceptibility pattern. *World Journal of Critical Care Medicine*, 12(3), 165–175.
- Hoetomo, M. (2015). *Kamus Besar Bahasa Indonesia*. Mitra Pelajar.
- Iregui, M., Ward, S., Sherman, G., Fraser, V. J., & Kollef, M. H. (2018). Clinical importance of delays in the initiation of appropriate antibiotic treatment for ventilator-associated pneumonia. *Chest*, 122(1), 262–268. <https://doi.org/10.1378/chest.122.1.262>
- Istantoro, Y. ., & Gan, V. H. . (2019). *Farmakologi dan Terapi* (Edisi 6). Balai Penerbit FKUI.
- Japoni, A., Farshad, S., & Alborzi, A. (2009). *Pseudomonas aeruginosa: Burn infection, treatment and antibacterial resistance*. *Iranian Red Crescent Medical Journal*, 11(3), 244–253.
- Joegijantoro, R. (2019). *Buku Penyakit Infeksi*. Intrans Publishing.
- Jones, R. N. (2010). Microbial etiologies of hospital-acquired bacterial pneumonia

- and ventilator-associated bacterial pneumonia. *Clinical Infectious Diseases*, 51(Supplement\_1), S81–S87.
- Kalanuria, A. A., Zai, W., & Mirski, M. (2014). Ventilator-associated pneumonia in the ICU. *Critical Care*, 18(2), 1–8. <https://doi.org/10.1186/cc13775>
- Karakuzu, Z., Iscimen, R., Akalin, H., Girgin, N. K., Kahveci, F., & Sinirtas, M. (2018). Prognostic risk factors in ventilator-associated pneumonia. *Medical Science Monitor*, 24, 1321–1328. <https://doi.org/10.12659/MSM.905919>
- Kemenkes RI. (2011). Keputusan Dirjen Bina upaya Kesehatan Tentang Petunjuk Teknis Penyelenggaraan Pelayanan Intensive Care Unit di Rumah Sakit. *Kementerian Kesehatan RI*, 53. <http://perdici.org/pedoman-icu/>
- Khayati, N., Rohana, N., & Apriana, R. (2020). Faktor-Faktor yang Berhubungan Dengan Kejadian Ventilator Associated Pneumonia pada Pasien yang Menggunakan Ventilator Mekanik. *Jurnal Ners Widya Husada*, 4(3), 85–94.
- Konoralma, K. (2019). Identifikasi bakteri penyebab infeksi nosokomial di rumah sakit umum GMIM Pancaran Kasih Manado. *KESMAS: Jurnal Kesehatan Masyarakat Universitas Sam Ratulangi*, 8(1).
- Lucas, S. (2022). Sindroma Kardiorenal. *JAI (Jurnal Anestesiologi Indonesia)*, 14(3), 257–273.
- Luna, C. M., Blanzaco, D., Niederman, M. S., Matarucco, W., Baredes, N. C., Desmery, P., Palizas, F., Menga, G., Rios, F., & Apezteguia, C. (2003). Resolution of ventilator-associated pneumonia: Prospective evaluation of the clinical pulmonary infection score as an early clinical predictor of outcome. *Critical Care Medicine*, 31(3), 676–682. <https://doi.org/10.1097/01.CCM.0000055380.86458.1E>
- Manyahi, J., Majigo, M., Kibwana, U., Kamori, D., & Lyamuya, E. F. (2022). Colonization of Extended-spectrum β-lactamase producing Enterobacteriales and meticillin-resistant *S. aureus* in the intensive care unit at a tertiary hospital in Tanzania: Implications for Infection control and prevention. *Infection Prevention in Practice*, 4(2), 100212.
- Martinez-Rabert, E., van Amstel, C., Smith, C., Sloan, W. T., & Gonzalez-Cabaleiro, R. (2022). Environmental and ecological controls of the spatial distribution of microbial populations in aggregates. *PLoS Computational Biology*

- Biology*, 18(12), 1–23. <https://doi.org/10.1371/journal.pcbi.1010807>
- Miranda. (2019). *Hubungan Faktor Resiko dengan Kejadian Ventilator Associated Pneumonia di Instalasi Perawatan Intensif di Rumah Sakit Umum Pusat (RSUP) H. Adam Malik Medan*. 88.
- Moreira, M. R., Guimarães, M. P., Rodrigues, A. A. de A., & Gontijo Filho, P. P. (2013). Antimicrobial use, incidence, etiology and resistance patterns in bacteria causing ventilator-associated pneumonia in a clinical-surgical intensive care unit. *Revista Da Sociedade Brasileira de Medicina Tropical*, 46, 39–44.
- Noli, F. J., Sumampouw, O. J., & Ratag, B. T. (2021). Usia, Masa Kerja Dan Keluhan Nyeri Punggung Bawah Pada Buruh Pabrik Tahu. *Indonesian Journal of Public Health and Community Medicine*, 2(1), 15–20.
- Noviyanti, D. W. (2022). *Hubungan Lama Penggunaan Ventilator Mekanik Dengan Mortalitas di Intensive Care Unit (Icu) RSUD Dr. H. Abdul Moeloek*.
- Othman Abdelrazik, 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>
- Pahal, P., Rajasurya, V., & Sharma, S. (2022). *Typical Bacterial Pneumonia*.
- Papazian, L., Klompas, M., & Luyt, C.-E. (2020). Ventilator-associated pneumonia in adults: a narrative review. *Intensive Care Medicine*, 46(5), 888–906.
- Putri, D. Y., & Budiono, U. (2013). Hubungan Antara Lama Penggunaan Ventilator Mekanik Dengan Kejadian Ventilator Associated Pneumonia ( Vap ). *Semarang, Kariadi*, 3, 200–215.
- Rahman, D. (2011). *Gambaran Perbedaan Tanda-Tanda Ventilator Associated Pneumonia (VAP) Hari I dan Hari III Pada Klien Dengan Ventilasi Mekanik Yang Dilakukan Pengisapan Sekret Endotrakheal di ICU RS DR. M. Djamil Padang Tahun 2011*. 17.
- Rahman, D., Huriani, E., & Julita, E. (2021). Kejadian Ventilator Associated Pneumonia (VAP) pada Klien dengan Ventilasi Mekanik Menggunakan Indikator Clinical Pulmonary Infection Score (CPIS). *Jurnal Ners*, 6(2), 126–135. <https://doi.org/10.20473/jn.v6i2.3975>

- Ranzani, O. T., Motos, A., Chiurazzi, C., Ceccato, A., Rinaudo, M., Bassi, G. L., Ferrer, M., & Torres, A. (2020). Diagnostic accuracy of Gram staining when predicting staphylococcal hospital-acquired pneumonia and ventilator-associated pneumonia: a systematic review and meta-analysis. *Clinical Microbiology and Infection*, 26(11), 1456–1463.
- Rehatta, N. M., Hanindito, E., & Soenarto, R. F. (2019). *Anatomi Sistem Saraf Buku Teks Anestesiologi dan Terapi Intensif.pdf* (pp. 18–48). Gramedia Pustaka Utama.
- Rello, J., Ollendorf, D. A., Oster, G., Vera-Llonch, M., Bellm, L., Redman, R., & Kollef, M. H. (2002). Epidemiology and outcomes of ventilator-associated pneumonia in a large US database. *Chest*, 122(6), 2115–2121. <https://doi.org/10.1378/chest.122.6.2115>
- Salsabilah, N., Wahyuni, A., & Sidharti, L. S. (2023). Faktor-Faktor yang Berpengaruh Terhadap Kejadian Ventilator Associated Pneumonia. *Medical Profession Journal of Lampung*, 13(3), 259–264. <https://doi.org/10.53089/medula.v13i3.664>
- Sarda, C., Fazal, F., & Rello, J. (2019). Management of ventilator-associated pneumonia (VAP) caused by resistant gram-negative bacteria: which is the best strategy to treat? *Expert Review of Respiratory Medicine*, 13(8), 787–798.
- Sastroasmoro, S., & Ismael, S. (2014). *Dasar-dasar Metodologi Penelitian Klinis*. Sagung Seto.
- Sidarja, I. K., Budianta, I. G., Senaphati, T. G., Parami, P., Wardani, P., & Sudaryati, I. H. (2017). *Ilmu Anestesi dan Reanimasi*. Udayana University Press.
- Sikora A, Z. F. (2023). Nosocomial Infections. *StatPearls Publishing*.
- Sugiyono. (2017). *Metode Penelitian Bisnis : Pendekatan Kuantitatif, Kualitatif, Kombinasi dan R&D* (3rd ed.). Alfabeta.
- Suliyanto. (2018). *Metode Penelitian Bisnis untuk Skripsi, Tesis & Disertasi*. Andi Publisher.
- Susanti, E., Utomo, W., & Dewi, Y. I. (2015). Identifikasi Faktor Resiko Kejadian Infeksi Nosokomial Pneumonia Pada Pasien Yang Terpasang Ventilator Di Ruang Intensive Care. *Jom*, 2(1), 590–599.

- Taslim, E., & Maskoen, T. T. (2016). Pola Kuman Terbanyak Sebagai Agen Penyebab Infeksi di Intensive Care Unit pada Beberapa Rumah Sakit di Indonesia. *Majalah Anesthesia & Critical Care*, 34(1), 33–39. <https://macc.perdatin.org/index.php/my-journal/article/view/89>
- Tlaskalová-Hogenová, H., Štěpánková, R., Hudcovic, T., Tučková, L., Cukrowska, B., Lodinová-Žádníková, R., Kozáková, H., Rossmann, P., Bártová, J., & Sokol, D. (2004). Commensal bacteria (normal microflora), mucosal immunity and chronic inflammatory and autoimmune diseases. *Immunology Letters*, 93(2–3), 97–108.
- Waghray, P., Tummuru, V. R., Koteshwara Rao, A. N. V., Veena, V., & Hasnani, R. (2015). Mini BAL vs bronchoscopic BAL in intubated patients in a tertiary care centre, Mahabubnagar, AP: Our experience. *Apollo Medicine*, 12(1). <https://doi.org/10.1016/j.apme.2015.02.006>
- Widjayanti, T. P. (2022). Penerapan Evidence Based Nursing Dengan Intervensi Oral Hygiene Menggunakan Chlorhexidine Dalam Meminimalkan Risiko Ventilator Associated Pneumonia (VAP) Pada Pasien Terpasang Ventilasi Mekanik di Intensive Care Unit (ICU). *Universitas Pembangunan Nasional Veteran Jakarta*. <http://repository.upnvj.ac.id/id/eprint/20374>
- Widyaningsih, R., & Buntaran, L. (2016). Pola Kuman Penyebab Ventilator Associated Pneumonia(VAP) dan Sensitivitas Terhadap Antibiotik di RSAB Harapan Kita. *Sari Pediatri*, 13(6), 384. <https://doi.org/10.14238/sp13.6.2012.384-90>