

DAFTAR PUSTAKA

- Adler, A. *et al.* 2014. A multinational study of colonization with extended spectrum β -lactamase-producing *Enterobacteriaceae* in healthcare personnel and family members of carrier patients hospitalized in rehabilitation centres. *Clinical Microbiology and Infection*. 20(8):pp. O516–O523. Available at: <https://doi.org/10.1111/1469-0691.12560>.
- Afnis, T. 2018. *Hubungan Tingkat Pengetahuan Masyarakat dengan Perilaku Masyarakat dalam Manajemen Stres di Dukuh Tengah Desa Nambangrejo Kecamatan Sukorejo Kabupaten Ponorogo*. Universitas Muhammadiyah Ponorogo.
- Ahmad, Q. *et al.* 2022. Gambaran Infeksi *Klebsiella pneumoniae* Penghasil Extended-spectrum β -lactamase (ESBL) Pada Pasien COVID-19 di RSUP Dr. Mohammad Hoesin Periode Januari 2021- Juni 2021. *JAMBI MEDICAL JOURNAL 'Jurnal Kedokteran dan Kesehatan'*. 10(2):pp. 186–198. Available at: <https://online-journal.unja.ac.id/kedokteran/article/view/19220>.
- Ahmed, N. *et al.* 2022. Heavy Metal (Arsenic) Induced Antibiotic Resistance among Extended-Spectrum β -Lactamase (ESBL) Producing Bacteria of Nosocomial Origin. *Pharmaceuticals*. 15(11):p. 1426. Available at: <https://doi.org/10.3390/ph15111426>.
- Aila, N.A. El, Laham, N.A. Al, Ayesh, B.M. 2023. Prevalence of extended spectrum beta lactamase and molecular detection of blaTEM, blaSHV and blaCTX-M genotypes among Gram negative bacilli isolates from pediatric patient population in Gaza strip. *BMC infectious diseases*. 23(99). Available at: <https://doi.org/10.1186/s12879-023-08017-1>.
- Akhtar, Z. *et al.* 2021. Antibiotics use and its knowledge in the community: A mobile phone survey during the COVID-19 pandemic in Bangladesh. *Antibiotics*. 10(9). Available at: <https://doi.org/10.3390/antibiotics10091052>.
- Al-Garni, S.M. *et al.* 2018. Risk factors and molecular features of extended-spectrum beta-lactamase producing bacteria at southwest of Saudi Arabia. *Saudi Medical Journal*. 39(12):pp. 1186–1194. Available at: <https://doi.org/10.15537/smj.2018.12.23273>.
- Allen, M.E. 2016. MacConkey Agar Plates Protocols. *American Society for Microbiology*.p. 1. Available at: <http://www.microbelibrary.org/component/resource/laboratory-test/2855-macconkey-agar-plates-protocols>.
- Arsal, A.S.F. 2019. Deteksi dan Pola Kepekaan Antibiotik pada Extended Spectrum Beta Lactamase (Esbl) *Escherichia Coli* dari Sampel Urin Petugas Kesehatan di Rumah Sakit Ibnu Sina Makassar Tahun 2018. *UMI Medical Journal*. 3(2):pp. 1–13. Available at: <https://doi.org/10.33096/umj.v3i2.38>.
- Assouma, F.F. *et al.* 2023. Susceptibility and Virulence of *Enterobacteriaceae* Isolated from Urinary Tract Infections in Benin. *Microorganisms*. 11(1):pp. 1–18. Available at: <https://doi.org/10.3390/microorganisms11010213>.
- Bajpai, T., Pandey, M., Varma, M., Bhatambare, G.S. 2017. Prevalence of TEM, SHV, and CTX-M Beta-Lactamase genes in the urinary isolates of a tertiary

- care hospital. *Avicenna Journal of Medicine*. 07(01):pp. 12–16. Available at: <https://doi.org/10.4103/2231-0770.197508>.
- Bihan, A.M.-L. *et al.* 2023. Use of the quantitative antibiogram method for assessing nosocomial transmission of ESBL-producing *Enterobacteriaceae* in a French hospital. *Journal of Hospital Infection*. 135(May):pp. 132–138. Available at: <https://doi.org/10.1016/j.jhin.2023.01.023>.
- Biutifasari, V. 2018. Extended Spectrum Beta-Lactamase (ESBL). *Oceana Biomedicina Journal*. 1(1):p. 3. Available at: <https://doi.org/10.30649/obj.v1i1.3>.
- Castanheira, M., Simner, P.J., Bradford, P.A. 2021. Extended-spectrum β -lactamases: An update on their characteristics, epidemiology and detection. *JAC-Antimicrobial Resistance*. 3(3). Available at: <https://doi.org/10.1093/jacamr/dlab092>.
- Castillo-Tokumori, F., Irey-Salgado, C., Málaga, G. 2017. Worrysome high frequency of extended-spectrum beta-lactamase-producing *Escherichia coli* in community-acquired urinary tract infections: a case-control study. *International Journal of Infectious Diseases*. 55:pp. 16–19. Available at: <https://doi.org/10.1016/j.ijid.2016.12.007>.
- CHROMagar 2020a. CHROMagar ESBL. *CHROMagar The Chromogenic Media Pioneer*. 7:pp. 1–3.
- CHROMagar 2020b. CHROMagar™ ESBL.
- CHROMagar 2020c. CHROMagar™ Orientation.
- Dahlan, M.S. 2020. *Statistik untuk Kedokteran dan Kesehatan Seri 1: Deskriptif, Bivariat, dan Multivariat Dilengkapi Aplikasi Menggunakan SPSS*. 6th edn. Jakarta.
- Darsini, Fahrurrozi, Cahyono, E.A. 2019. Pengetahuan: Artikel Review. *Jurnal Keperawatan*. 12(1):pp. 95–107.
- Decker, B.K. *et al.* 2018. Healthcare personnel intestinal colonization with multidrug-resistant organisms. *Clinical Microbiology and Infection*. 24(1):pp. 82.e1-82.e4. Available at: <https://doi.org/10.1016/j.cmi.2017.05.010>.
- Dianti, Zaniah, Z. 2015. Gambaran tingkat pengetahuan perawat tentang kewaspadaan standar di lantai 8 blok B RSUD kota jakarta utara tahun 2015. *Jurnal Akademi Keperawatan Husada Karya Jaya*. 1(2):pp. 12–20.
- Dinkes Jateng 2022. *Profil Kesehatan Jawa Tengah Tahun 2021*. Jawa Tengah.
- Duong, B.T. *et al.* 2021. Antibiotic-resistant gram-negative bacteria carriage in healthcare workers working in an intensive care unit. *Infection and Chemotherapy*. 53(3):pp. 546–552. Available at: <https://doi.org/10.3947/IC.2021.0040>.
- Edwardson, S., Cairns, C. 2019. Nosocomial infections in the ICU. *Anaesthesia and Intensive Care Medicine*. 20(1):pp. 14–18. Available at: <https://doi.org/10.1016/j.mpaic.2018.11.004>.
- Forbes, B.A., Sahm, D.F., Weissfeld, A.S. 2007. *Bailey & Scott's Diagnostic Microbiology*. *BMC Research Notes*. Available at: <https://doi.org/10.1186/s13104-018-3246-4>.
- Gelalcha, B.D., Dego, O.K. 2022. Extended-Spectrum Beta-Lactamases Producing *Enterobacteriaceae* in the USA Dairy Cattle Farms and Implications for Public Health. *Antibiotics*. 11(1313). Available at:

- <https://doi.org/10.3390/antibiotics11101313>.
- Ghafourian, S., Sadeghifard, N., Soheili, S., Sekawi, Z. 2014. Extended spectrum beta-lactamases: Definition, classification and epidemiology. *Current Issues in Molecular Biology*. 17(1):pp. 11–22. Available at: <https://doi.org/10.21775/cimb.017.011>.
- Hadi, S., Sastrawan, S., Zuhro, R. 2021. Analisis Tingkat Pengetahuan, Sikap, Motivasi Dan Kompleksitas Tugas Dengan Kewaspadaan Standar Di Rumah Sakit. *JISIP (Jurnal Ilmu Sosial dan Pendidikan)*. 5(4):pp. 855–862. Available at: <https://doi.org/10.58258/jisip.v5i4.2325>.
- Hagiya, H., Otsuka, F. 2023. Increased evidence for no benefit of contact precautions in preventing extended-spectrum β -lactamases-producing *Enterobacteriaceae*: Systematic scoping review. *American Journal of Infection Control*. 000:pp. 1–7. Available at: <https://doi.org/10.1016/j.ajic.2023.01.018>.
- Harinda, L. 2022. *Prevalensi dan Faktor Risiko Infeksi Saluran Kemih Akibat Enterobacterales Penghasil Beta Laktamase Spektrum Luas pada Pasien Anak di RSUP Dr Kariadi Semarang*. Universitas Diponegoro.
- Hinton, P., McMurray, I., Brownlow, C. 2014. *SPSS Explained*. 2nd edn. SPSS Explained. 2nd edn. New York: Routledge. Available at: <https://doi.org/10.4324/9781315797298>.
- IDI 2012. *Kode Etik Kedokteran Indonesia*. Jakarta. Available at: <http://www.idai.or.id/professional-resources/ethic/kode-etik-kedokteran-indonesia>.
- Joshi, R., Taylor, E. 2019. Contact Transmission, Part 1: The Role of Surfaces in Healthcare-Associated Infections. *The Center for Health Design* [Preprint].
- Jung, B., Hoilat, G.J. 2022. MacConkey Medium. *StatPearls Publishing*.pp. 1–3. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK557394/>.
- Kantele, A., Mero, S., Kirveskari, J., Lääveri, T. 2016. Increased risk for ESBL-producing bacteria from co-administration of loperamide and antimicrobial drugs for travelers' diarrhea. *Emerging Infectious Diseases*. 22(1):pp. 117–120. Available at: <https://doi.org/10.3201/eid2201.151272>.
- Kemenkes 2022. *Profil Kesehatan Indonesia 2021*. Pusdatin.Kemenkes.Go.Id. Jakarta.
- Krisniawati, N., Widhi, A.P.K.N. 2021. Prevalence and Risk Factors of ESBL-producing *Enterobacteriaceae* in The Community. *Journal of Biomedicine and Translational Research*. 7(1):pp. 1–6. Available at: <https://doi.org/10.14710/jbtr.v7i1.10051>.
- de la Maza, L.M., Pezzlo, M.T., Bittencourt, C.E., Peterson, E.M. 2020. *Color Atlas of Medical Bacteriology*. 3rd edn. American Society for Microbiology.
- Labrague, L.J., Rosales, R.A., Tizon, M.M. 2012. Knowledge and Compliance of Standard Precautions among Student Nurses. *International Journal of Advanced Nursing Studies*. 1(2):pp. 84–97. Available at: <https://doi.org/10.14419/ijans.v1i2.132>.
- Lehman, D. 2016. Triple Sugar Iron Agar Protocols. *American Society for Microbiology*.pp. 1–7. Available at: <https://legacy.bd.com/europe/regulatory/Assets/IFU/HB/CE/PA/ES-PA-254458.pdf>.

- Maechler, F. *et al.* 2020. Contact isolation versus standard precautions to decrease acquisition of extended-spectrum β -lactamase-producing Enterobacterales in non-critical care wards: a cluster-randomised crossover trial. *The Lancet Infectious Diseases*. 20(5):pp. 575–584. Available at: [https://doi.org/10.1016/S1473-3099\(19\)30626-7](https://doi.org/10.1016/S1473-3099(19)30626-7).
- Maharani, Y.R., Yuniarti, N., Puspitasari, I. 2021. Prevalensi Bakteri Extended-Spectrum Beta-Lactamase dan Evaluasi Kesesuaian Antibiotik Definitif pada Pasien Rawat Inap Di RSUP Dr Soeradji Tirtonegoro Klaten. *Majalah Farmaseutik*. 17(2):pp. 167–165. Available at: <https://doi.org/10.22146/farmaseutik.v17i2.48199>.
- Marusinec, R. *et al.* 2021. Caretaker knowledge, attitudes, and practices (KAP) and carriage of extended-spectrum beta-lactamase-producing *E. coli* (ESBL-EC) in children in Quito, Ecuador. *Antimicrobial Resistance and Infection Control*. 10(1):pp. 1–12. Available at: <https://doi.org/10.1186/s13756-020-00867-7>.
- Mo, Y. *et al.* 2019. Relating knowledge, attitude and practice of antibiotic use to extended-spectrum beta-lactamase-producing *Enterobacteriaceae* carriage: Results of a cross-sectional community survey. *BMJ Open*. 9(3):pp. 1–8. Available at: <https://doi.org/10.1136/bmjopen-2018-023859>.
- Murray, P.R., Rosenthal, K.S., Michael, P.A. 2021. *Medical Microbiology*. 9th edn. Elsevier, Inc.
- Muztika, S.A., Nasrul, E., Alia, E. 2020. Prevalensi dan Pola Sensitivitas Antibiotik *Klebsiella pneumoniae* dan *Escherichia coli* Penghasil Extended Spectrum Beta Laktamase di RSUP Dr. M Djamil Padang. *Jurnal Kesehatan Andalas*. 9(2):p. 189. Available at: <https://doi.org/10.25077/jka.v9i2.1272>.
- Nababan, T. 2020. Pemasangan Kateter dengan Kejadian Infeksi Saluran Kemih pada Pasien di Ruang Rawat Inap. *Jurnal Keperawatan Priority*. 3(2):pp. 23–30.
- Notoatmodjo, S. 2014. *Ilmu Perilaku Kesehatan*. Jakarta: Rineka Cipta.
- Otter, J., Galletly, T. 2018. Environmental Decontamination 1: what is it and why is it important? *Nursing Times (online)*. 114(7):pp. 32–34. Available at: <https://www.iso.org/news/ref2271.html>.
- Peraturan Pemerintah 2021. *Peraturan Pemerintah Republik Indonesia Nomor 47 Tahun 2021 tentang Penyelenggaraan Bidang Perumahasakitan*. Jakarta: Kementerian Sekretariat Negara Republik Indonesia.
- Permenkes 2017. *Peraturan Menteri Kesehatan Republik Indonesia Nomor 27 Tahun 2017 tentang Pedoman Pencegahan dan Pengendalian Infeksi di Fasilitas Pelayanan Kesehatan*. Jakarta: Sekretariat Jenderal Kementerian Kesehatan.
- Pratiwi, R.H. 2017. Mekanisme Pertahanan Bakteri Patogen Terhadap Antibiotik. *Jurnal Pro-Life*. 4(3):pp. 418–429.
- Rahmatilah, S., Asriwati, Jamaluddin 2020. Pengaruh Perilaku dan Kepatuhan Perawat terhadap Penggunaan Alat Pelindung Diri dalam Pencegahan Infeksi Nosokomial di Ruang Rawat Inap RSUD Dr. R. M Djoelham Binjai Tahun 2020. *JOURNAL OF HEALTHCARE TECHNOLOGY AND MEDICINE*. 6(2):pp. 1142–1157. Available at: <http://jurnal.uui.ac.id/index.php/JHTM/article/view/1160> (Accessed: 12 April 2023).

- Riedel, S., Morse, S.A., Mietzner, T., Miller, S. 2019. *Jawetz, Melnick & Adelberg's Medical Microbiology*. 28th edn. United States: McGraw-Hill Education.
- Ritonga, E.P., Silaban, N.Y. 2022. Hubungan Fungsi Manajemen Kepala Ruangan Dengan Pelaksanaan Pengendalian Infeksi Nosokomial Di Rumah Sakit Umum Imelda Pekerja Indonesia Medan. *Jurnal Ilmiah Keperawatan IMELDA*. 8(1):pp. 46–51. Available at: <https://doi.org/10.52943/jikeperawatan.v8i1.641>.
- Romadhoni, S., Widowati, E. 2017. PENERAPAN KEWASPADAAN STANDAR SEBAGAI UPAYA PENCEGAHAN BAHAYA BIOLOGI PADA TENAGA KEPERAWATAN. *Higeia Journal of Public Health Research and Development*. 1(4):pp. 14–24. Available at: <http://journal.unnes.ac.id/sju/index.php/higeia>.
- RSI Banjarnegara 2023. Data Primer RSI Banjarnegara Tahun 2023: Sepuluh Besar Penyakit Rawat Inap.
- Sardi, A. 2021. Infeksi Nosokomial: Jenis Infeksi dan Patogen Penyebabnya. *Seminar Nasional Riset Kedokteran*. 2(1):p. 2021. Available at: <https://conference.upnvj.ac.id/index.php/sensorik/article/view/1023> (Accessed: 13 April 2023).
- Sari, N. *et al.* 2018. Isolasi dan Identifikasi Salmonella Sp dan Shigella Sp Pada Feses Kuda Bendi. *Journal of Chemical Information and Modeling*. 2(3):pp. 401–410.
- Sastroasmoro, S., Ismael, S. 2014. *Dasar-dasar Metodologi Penelitian Klinis*. 5th edn. Jakarta: CV. Agung Seto.
- Shields, P., Cathcart, L. 2016. Oxidase Test Protocol. *American Society for Microbiology*.pp. 1–5. Available at: <http://www.microbelibrary.org/library/laboratory-test/3229-oxidase-test-protocol>.
- Suwanti, L., Aprilin, H. 2017. Studi Korelasi Pengetahuan Keluarga Pasien Tentang Penularan Hepatitis dengan Perilaku Cuci Tangan. *Jurnal Keperawatan*. 10(2):pp. 20–32.
- Teklu, D.S. *et al.* 2019. Extended-Spectrum Beta-Lactamase Production and Multi-Drug Resistance among *Enterobacteriaceae* Isolated in Addis Ababa, Ethiopia. *Antimicrobial Resistance and Infection Control*. 8(1):pp. 1–12. Available at: <https://doi.org/10.1186/s13756-019-0488-4>.
- Undang-Undang 2009. *Undang-Undang Republik Indonesia Nomor 44 Tahun 2009 tentang Rumah Sakit*. Jakarta: Sekretariat Negara RI.
- Undang-Undang 2014. *Undang-Undang Republik Indonesia Nomor 36 Tahun 2014 tentang Tenaga Kesehatan*. Jakarta: Kementerian Sekretariat Negara RI.
- Wahid, H. 2020. Identifikasi Extended Spectrum Beta Laktamase (ESBL) Antibiotika Golongan Sefalosporin pada Bakteri *Acinetobacter baumannii*. *Jurnal Sains dan Kesehatan*. 2(4):pp. 379–384. Available at: <https://doi.org/10.25026/jsk.v2i4.188>.
- WHO 2022. *Standard precautions for the prevention and control of infections*. Available at: <https://www.who.int/publications-detail-redirect/WHO-UHL-IHS-IPC-2022.1> (Accessed: 7 April 2023).