

DAFTAR PUSTAKA

- Amelia, Audrey, Nugroho, A, Harijanto, PN 2016, 'Diagnosis and Management of Infections Caused by Enterobacteriaceae Producing Extended-Spectrum β -Lactamase', *Acta Medica Indonesiana*, Vol.48, No.2, diakses 31 Januari 2018,
<http://www.actamedindones.org/index.php/ijim/article/viewFile/156/pdf>
- Bush, K 2010, 'Alarming Beta Lactamase-Mediated Resistance in Multidrug-Resistant Enterobacteriaceae', *Current Opinion in Microbiology*, Vol.13, No.5, Elsevier, diakses 24 Mei 2018,
<https://www.sciencedirect.com/science/article/pii/S1369527410001335?via%3Dihub>
- Bush, K & Jacoby, GA 2010, 'Update Functional Classification of β -Lactamases', *Antimicrobial Agents and Chemotherapy*, Vol.54, No.3, diakses 4 Februari 2018,
<https://aac.asm.org/content/aac/54/3/969.full.pdf>
- Brooks, GF, Carrol, KC, Butel, JS, Morse, SA 2013, *Jawetz, Melnick, & Adelbergs medical microbiology: 26th Edition*, McGraw-Hill Companies, San Fransisco.
- Brunton, LL 2006, *Goodman & Gilman's The Pharmacological Basis of Therapeutics*, 11thed, McGraw-Hill.
- Clinical and Laboratory Standards Institute (CLSI) 2018, *Performance Standards for Antimicrobial Susceptibility Testing*, CLSI Supplement M100, Vol.38, No.3, diakses 1 Agustus 2018,
https://clsi.org/media/2663/m100ed29_sample.pdf
- Crivaro, V, Bagattini, M, Salza, MF, Raimondi, F, Rossano, F, Triassi, M, Zarrilli, R 2007, 'Risk Factors for Extended-Spectrum B-lactamase-Producing *Serratia marcescens* and *Klebsiella pneumoniae* acquisition in a Neonatal Intensive Care Unit', *J Hosp Infect*, Vol.67, No.2, diakses 24 Februari 2019,
[https://www.journalofhospitalinfection.com/article/S0195-6701\(07\)00265-4/pdf](https://www.journalofhospitalinfection.com/article/S0195-6701(07)00265-4/pdf)
- Curtis, LA, Dolan, TS, Cespedes, RD 2001, 'Acute Urinary Retention and Urinary Incontinence', *Emergency Medicine Clinics of North America*, Vol.19, No.3, Elsevier, diakses 15 Desember 2017,
<https://www.sciencedirect.com/science/article/abs/pii/S0733862705702054?via%3Dihub>
- Dahlan, S 2009, *Langkah-langkah Membuat Proposal Penelitian Bidang Kedokteran dan Kesehatan*, Edisi 2, Sagung Seto, Jakarta.

- Dahlan, S 2014, *Statistik Untuk Kedokteran dan Kesehatan: Deskriptif, Bivariat, Multivariat, Dilengkapi Aplikasi dengan Menggunakan SPSS*, Edisi 6, Epidemiologi Indonesia, Jakarta.
- Delgado, VM, Sojo, DJ, Pascual, A, Rodriguez, BJ 2013, 'Clinical Management of Infections Caused by Multidrug-Resistant Enterobacteriaceae', *The Advances Infect Dis*, Vol.1, No.2, diakses 7 April 2018, https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4040721/pdf/10.1177_2049936113476284.pdf
- Denis, B, Lafaurie, M, Donay, JL, Fontaine, JP, Oksenhendler, E, Raffoux, E, Hennequin, C, Allez, M, Socie, G, Maziers, N, Porcher, R, Molina, JM 2010, 'Prevalence, Risk Factors, and Impact on Clinical Outcome of Extended-Spectrum Beta-Lactamase-Producing Escherichia coli Bacteremia: a five-year study'. *International Journal of Infectious Diseases*, Vol.39, diakses 17 Januari 2019, [https://www.ijidonline.com/article/S1201-9712\(15\)00177-0/pdf](https://www.ijidonline.com/article/S1201-9712(15)00177-0/pdf)
- Dunn, S, Pretty, L, Reid, H, Evans, D 2000, 'Management of Short Term Indwelling Urethral Catheters to Prevent Urinary Tract Infections', *Adelaide: the Joanna Briggs Institute*, Vol.6, diakses 1 Januari 2018, <https://www.ncbi.nlm.nih.gov/books/NBK68438/>
- Fatimah, F 2006, 'Respon Imunitas yang Rendah pada Tubuh Manusia Usia Lanjut', *Makara Kesehatan*, Vol.10, No.1, Universitas Indonesia, diakses 13 Februari 2019, <http://journal.ui.ac.id/index.php/health/article/download/169/165>
- Garrec, H, Laurence, DR, Golmard, JL, Vincent, J, Robert, J 2011, 'Comparison of Nine Phenotypic Methods for Detection of Extended Spectrum β -Lactamase production by Enterobacteriaceae', *Journal of Clinical Microbiology*, American Society for Microbiology, Vol.49, No.3, diakses 29 April 2017, <https://jcm.asm.org/content/jcm/49/3/1048.full.pdf>
- Ghafourian, S, Sadeghifard, N, Soheili, S, Sekawi, Z 2014, 'Extended Spectrum Beta-Lactamases: Definition, Classification and Epidemiology', *Curr Iss Mol Biol*, Vol.17, diakses 15 Januari 2018 <https://www.caister.com/cimb/v/v17/11.pdf>
- Grabe, M, Bartoletti, R, Bjerklund, J, Cai, T, Cek, M, Koves, B, Naber, KG, Pickard, RS, Tenke, P, Wagenlehner, F, Wullt, B 2011, 'Guidelines on Urological Infections', European Association of Urology (EAU), diakses 24 April 2018, https://uroweb.org/wp-content/uploads/19-Urological-infections_LR2.pdf

- Greene, L, Marx, J, Oriola, S. 2008. *Guide to the elimination of catheter-associated urinary tract infections (CAUTIs)*. Association for Professionals in Infection Control and Epidemiology.
- Hiroki, N, Koichi Y, Hiroki, F, Ken-Ichi, O, Yoshihiro, T, Yasuhiko, T, Yukihiro, K, Taichi, S, Hiroshi, K 2017, 'Clinical Characteristic of Bacteremia Caused by Extended-spectrum Beta-lactamase-producing Escherichia coli at Tertiary Hospital', *Internal Medicine*, Vol.56, diakses 30 Oktober 2018 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5548672/pdf/1349-7235-56-1807.pdf>
- Hooton, TM 2009, *Nosocomial Urinary Tract Infections: Principles and Practice of Infectious Disease*. Edisi 7. Elsevier Churchill Livingstone. Philadelphia.
- Jacobsen, SM, Stickler, DJ, Mobley, HL, Shirliff, ME 2008, 'Complicated Catheter-Associated Urinary Tract Infections due to Escherichia coli and Proteus mirabilis', *American Society for Microbiology*, Vol.21, No.1, diakses 19 Mei 2018 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2223845/pdf/0019-07.pdf>
- Javier, E, Carmen, MP, Concepcion, A, Francisco, A, Maria Del Mar, LP 2006, 'Epidemiology of Urinary Tract Infections Caused by Extended-Spectrum Beta-Lactamase-Producing Escherichia coli', *Urology*, Vol.68, No.6, Elsevier, diakses 18 Februari 2018, https://www.researchgate.net/publication/6629723_Epidemiology_of_urinary_tract_infections_caused_by_extended-spectrum_beta-lactamase-producing_Escherichia_coli
- Kandeel, A 2014, 'Prevalence and Risk Factors of Extended-Spectrum β -Lactamases Producing Enterobacteriaceae in a General Hospital in Saudi Arabia', *Journal of Microbiology and Infectious Diseases*, Vol.4, No.2, diakses 25 Maret 2018, <http://jmidonline.org/upload/sayi/17/JMID-00782.pdf>
- Keiko, F & Rosa, Y 2013, 'Kejadian Infeksi Enterobacteriaceae penghasil Extended-Spectrum Beta-Lactamase (ESBL) dan Hubungannya Dengan Penggunaan Tracheal Tube pada Pasien ICU Pusat Rumah Sakit Cipto Mangunkusumo tahun 2013', Skripsi, Fakultas Kedokteran Universitas Indonesia, diakses 16 Mei 2017, <http://lib.ui.ac.id/file?file=pdf/abstrak-20332417.pdf>
- Kuper, KM, Boles, DM, Mohr, JF, Wanger, A 2009, 'Antimicrobial Susceptibility Testing: a primer for clinicians. Pharmacotherapy', Vol.29, No.11, diakses 16 Juni 2018 <https://www.ncbi.nlm.nih.gov/pubmed/19857149>

- Lim, CLL, Lee, W, Lee, AL, Liew, LT, Nah, SC, Wan, CN, Chlebicki, MP, Kwa, AL 2013, 'Evaluation of Ertapenem Use with Impact Assessment on Extended-Spectrum Beta-Lactamases (ESBL) Production and Gram-Negative Resistance in Singapore General Hospital (SGH)', *BMC Infect Dis*, Vol.13, diakses 29 April 2018,
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3879226/pdf/1471-2334-13-523.pdf>
- Livermore, DM, Woodford, N 2006, 'The Beta Lactamase Threat in Enterobacteriaceae, Pseudomonas, and Acinetobacter', *TRENDS in Microbiology*, Vol.14, No.9, Elsevier, diakses 6 April 2018,
<https://www.sciencedirect.com/science/article/abs/pii/S0966842X06001818>
- Marlina, Samad, RA 2013, 'Hubungan Pemasangan Kateter Dengan Kejadian Infeksi Saluran Kemih pada Pasien di Ruang Rawat Inap Penyakit Dalam RSUDZA Banda Aceh Tahun 2012', *Jurnal Keperawatan Medikal Bedah*, Vol.1, No.1, diakses 24 Januari 2019,
<https://jurnal.unimus.ac.id/index.php/JKMB/article/download/939/991>
- Mehrgan, H, Rahbar, M 2008, 'Prevalence of Extended-Spectrum Beta-Lactamase Producing Escherichia coli in a Tertiary Care Hospital in Tehran, Iran', *Int. J. Antimicrob. Agents*, Vol.31, No.2, diakses 3 Maret 2018,
<https://www.sciencedirect.com/science/article/abs/pii/S0924857907004803?via%3Dihub>
- Moore, KN, Fader, M, Getliffe, K 2007, 'Long- term Bladder Management by Intermittent Catheterisation in Adults and Children', *Cochrane Database of Systematic Reviews*, Vol.4, diakses 18 Juli 2018
<https://doi.org/10.1002/14651858.CD006008.pub2>
- Munoz, PLS, Jacoby, GA, Snyderman, DR 2008, 'Extended-Spectrum Beta-Lactamase', *Erasmus Medisch Centrum UMCR*, diakses 3 April 2018,
<https://www.uptodate.com/contents/extended-spectrum-beta-lactamases>
- Naber, KG, Bergman, M, Bishop, T, Bjerklund, J, Botto, H, Jimenez-Cruz, F, Selvaggi, F 2006, *Guidelines on the management of urinary and male genital tract infections*, European Association of Urology (EAU).
- National Healthcare Safety Network (NHSN) 2019, *Patient Safety Component Manual*, Centers for Disease Control and Prevention (CDC).
- Pajariu, A 2010, 'Infeksi oleh Bakteri Penghasil Extended-Spectrum Beta-Lactamase (ESBL) di RSUP dr.Kariadi Semarang: Faktor Risiko Terkait Penggunaan Antibiotik', Fakultas Kedokteran Universitas Diponegoro, Semarang, diakses 6 April 2018,
<http://eprints.undip.ac.id/23056/1/Agno.pdf>

- Paterson, DL 2000, 'Recommendation for Treatment of Severe Infections Caused by Enterobacteriaceae Producing Extended-Spectrum Beta-Lactamase (ESBLs)', *Clin Microbiol Dis*, Vol.6, diakses 11 Januari 2017, [https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(14\)63150-5/pdf](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(14)63150-5/pdf)
- Paterson, DL 2006, 'Resistance in Gram-Negative Bacteria: Enterobacteriaceae', *Current Opinion in Microbiology*, Vol.13, Elsevier, diakses 28 Mei 2018, [https://www.amjmed.com/article/S0002-9343\(06\)00344-5/pdf](https://www.amjmed.com/article/S0002-9343(06)00344-5/pdf)
- Paterson, DL, Robert, AB 2005, 'Extended-Spectrum Beta-Lactamase: a Clinical Update', *American Society for Microbiology*, Vol.18, No.4 diakses 20 Maret 2017, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1265908/pdf/0016-05.pdf>
- PERKENI 2015, *Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia 2015*, PERKENI, Jakarta.
- Purwono, A 2012, 'Kejadian Infeksi *Enterobacteriaceae* Penghasil *Extended Spectrum Beta-Lactamase* dan Hubungannya dengan Penggunaan Antibiotika pada Pasien ICU Pusat Rumah Sakit Cipto Mangunkusumo Tahun 2011', Skripsi, Fakultas Kedokteran Universitas Indonesia, diakses 18 September 2018, <http://lib.ui.ac.id/file?file=digital/20345235-SPD-Arini%20Purwono.pdf>
- Ratanabunjerdkul, H, Wichansawakun, S, Ratjanawech, S, Apisarntharak, A 2006, 'Catheter-Associated Urinary Tract Infections: Pathogenesis, Diagnosis, Risk Factors, and Prevention', *J Infect Dis Antimicrobe Agents*, Vol.23, No.3, diakses 27 Februari 2017, <https://www.idthai.org/Publication/pdf/Vol23-3/abstract06.pdf>
- Rodriguez, BJ, Navarro, MD, Retamar. P 2012, 'Beta-Lactam Inhibitor Combinations for the Treatment of Bacteremia Due to Extended-Spectrum Beta-Lactamase Producing *Escherichia coli*: a Post Hoc Analysis of Prospective Cohorts', *Clin Infect Dis*, Vol.54, No.2 diakses 25 Maret 2017, <https://www.ncbi.nlm.nih.gov/pubmed/22057701>
- Rodriguez, BJ, Pascual, A 2008, 'Clinical Significance of Extended-Spectrum Beta-Lactamases', *Expert Rev. Anti Infect*, Vol.6, No.5, diakses 30 Agustus 2018, <https://www.ncbi.nlm.nih.gov/pubmed/18847405>
- Rumah Sakit Umum Pusat Persahabatan 2019, diakses 17 April 2019, https://id.wikipedia.org/wiki/Rumah_Sakit_Umum_Pusat_Persahabatan
- Semaradana, WG 2014, 'Infeksi Saluran Kemih Akibat Pemasangan Kateter – Diagnosis dan Penatalaksanaan', Fakultas Kedokteran Universitas Udayana Denpasar, Vol.41, No.10, diakses 11 Juni 2018,

http://www.kalbemed.com/Portals/6/07_221CPD-Infeksi%20Saluran%20Kemih%20akibat%20Pemasangan%20Kateter-Diagnosis%20dan%20Penatalaksanaan.pdf

Struthers, JK, Westran, RP 2003, *Clinical Bacteriology*, Manson Publishing, London.

Tamma, PD, Han, JH, Rock, C, Harris, AD, Lautenbach, E, Hsu, AJ, Avdic, E, Cosgrove, SE 2015, 'Carbapenem Therapy is Associated with Improved Survival Compared with Piperacillin-Tazobactam for Patients with Extended-Spectrum Beta-Lactamase Bacteremia', *Clin Infect Dis*, diakses 16 Maret 2018,
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4462658/pdf/civ003.pdf>

Thomson, KS, Moland, ES 2001, 'Cefepime, Piperacillin-Tazobactam, and the Inoculum Effect in Tests with Extended-Spectrum Beta-Lactamase-Producing Enterobacteriaceae', *Antimicrobial Agents Chemotherapy*, Vol.45, No.12, diakses 31 Mei 2018,
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC90867/pdf/ac1201003548.pdf>

Trautner, BW, Darouiche, RO 2004, 'Catheter-Associated Infections: Pathogenesis Affects Prevention', *Arch Intern Med*, Vol.164, No.8, diakses 6 April 2017,
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2963580/pdf/nihms35518.pdf>

Turner, PJ 2005, 'Extended-Spectrum Beta-Lactamases', *Clinical Infectious Disease*, United Kingdom, Vol.42, diakses 4 September 2018,
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3272815/>

Ullah, F, Salman, AM, Jawad, A 2009, 'Antibiotic Susceptibility Pattern and ESBL Prevalence in Nosocomial Escherichia coli from Urinary Tract Infections in Pakistan', *African Journal of Biotechnology*, Vol.8, No.16, diakses 1 Maret 2018,
<https://www.ajol.info/index.php/ajb/article/view/62081/50123>

Vardakas, KZ, Tansali, GS, Rafailidis, PI, Falagas, ME 2012, 'Carbapenems versus alternative antibiotics for the treatment of bacteremia due to Enterobacteriaceae producing extended-spectrum beta-lactamases: a systematic review and meta-analysis', *J. Antimicrobial Chemother*, Vol.67, No.12.

Weber, DJ, Rutala, WA 2013, 'Understanding and preventing transmission of healthcare-associated pathogens due to the contaminated hospital environment', *Infect Control*, Vol.34, NO.5, diakses 15 Mei 2018,
<https://www.ncbi.nlm.nih.gov/pubmed/23571359>

White, T, Brinson, L, Glentworth, J (eds) 2013, *Catheterisation Clinical Guidelines*, Australia and New Zealand Urological Nurses Society, Australia.

Wibowo, A & Cucunawangsih 2015, 'Antibiotic Susceptibility in Uropathogen from Intensive Care Patients with Urine Catheter', University of Pelita Harapan. Jakarta, *Medicinus*, Vol.4, No.8, diakses 20 Oktober 2018, <https://ojs.uph.edu/index.php/MED/article/view/1187>

Widodo, D & Irwanto, R 2014, *Buku ajar ilmu penyakit dalam*, InternaPublishing, Jakarta.

Winarto, W 2009, 'Prevalensi kuman extended-spectrum beta-lactamase (ESBL) dari material darah di RSUP dr. Kariadi tahun 2004-2005', Fakultas Kedokteran Universitas Diponegoro, Semarang, *Media Medika Indonesiana*, Vol.43, No.5, diakses 18 Agustus 2018, <https://ejournal.undip.ac.id/index.php/mmi/article/view/4303>

Yesilbag, Z, Karadeniz, A, Basaran, S, Kaya, FO 2015, 'Nosocomial infections and risk factors in intensive care unit of a university hospital', *JCEI*, Vol.6, No.3, diakses 5 Januari 2019, <https://dergipark.org.tr/download/article-file/104520>

