

DAFTAR PUSTAKA

- Adam, S. (1995). *Dasar-Dasar Mikrobiologi Dan Parasitologi Untuk Perawat. Edisi ke-2*. Jakarta: Buku Kedokteran ECG, hal.17-22.
- Almasaudi, S. (2018). Acinetobacter spp. as nosocomial pathogens: Epidemiology and resistance features. *Saudi Journal of Biological Sciences*, Vol. 25(3), Hal. 586-596.
- Astuti, D. and Arfiana, M. (2017). Analisis Penggunaan Antibiotika Dengan Metoda ATC/DDD Di Rumah Sakit Swasta Kab Karawang. *eJournal Farmasi Indonesia*.
- Bali, A., Bali, D., Iyer, N. and Iyer, M. (2011). *Management of Medical Records: Facts and Figures for Surgeons*. *JOMS*, Vol.10(3), Hal.199-202.
- Bergogne-Bérézin, E. and Towner, K. (1996). Acinetobacter spp. as nosocomial pathogens: microbiological, clinical, and epidemiological features. *Clinical Microbiology Reviews*, Vol. 9(2), Hal.148-165.
- Brakenridge, S., Efron, P., Stortz, J., Ozrazgat-Baslanti, T., Ghita, G., Wang, Z., Bihorac, A., Mohr, A., Brumback, B., Moldawer, L. and Moore, F. (2018). The impact of age on the innate immune response and outcomes after severe sepsis/septic shock in trauma and surgical intensive care unit patients. *Journal of Trauma and Acute Care Surgery*, Vol. 85(2), Hal.247-255.
- Brooks, J., Maxwell, S., Rensing, C., Gerba, C. and Pepper, I. (2007). *Occurrence of Antibiotic-Resistant Bacteria and Endotoxin Associated With The Land Application of Biosolids*. *NRC*, Vol. 53(5), hal. 616-622.
- Cag, Y., Caskurlu, H., Fan, Y., Cao, B., & Vahaboglu, H. (2016). *Resistance mechanisms*. *ATM*, Vol. 4(17), hal. 326.
- Carroll, K., Hobden, J., Miller, S., Morse, S., Mietzner, T., Detrick, B., Mitchell, T., McKerrow, J. and Sakanari, J. (2016). *Jawetz, Melnick & Adelberg's medical microbiology. Edisi ke-27*. New York: Mcgraw-Hill Education.
- CDC. (2018). *Antibiotic Use in the United States 2017*. Progress and Opportunities Antibiotic Use CDC. [online] Dapat diakses di: <https://www.cdc.gov/antibiotic-use/stewardship-report/hospital.html> [Diakses pada tanggal 30 April 2018].
- Čižman, M. (2003). The use and resistance to antibiotics in the community. *International Journal of Antimicrobial Agents*, Vol. 21(4), hal. 297-307.
- Codjoe, F. and Donkor, E. (2017). Carbapenem Resistance: A Review. *Medical Sciences*, Vol. 6(1), Hal. 1.

- Davies, C., White, S., & Nicholas, R. (2000). *Crystal Structure of a Deacylation-defective Mutant of Penicillin-binding Protein 5 at 2.3-Å Resolution*. JBC, Vol. 276(1), hal.616-623.
- Fifendy, M. (2017). *Mikrobiologi*. Edisi ke-1. Depok: Prenadamedia Group, hal.17-30.
- Gerberding, J. (2004). Women and Infectious Diseases. *Emerging Infectious Diseases*, Vol. 10(11), Hal. 1965-1967.
- Hadi, U., Kuntaman, K., Qiptiyah, M. & Paraton, H. (2013). *Problem Of Antibiotic Use And Antimicrobial Resistance In Indonesia: Are We Really Making Progress?*. IJTID, Vol. 4(4), hal. 5.
- Hadi, U., O Duerink, D., S Lestari, E., J Nagelkerke, N., Keuter, M., Huis in 't Veld, Diana., Suwandojo, E., Rahardjo, E., Broek, Pieter., C Gyssens, I. (2008). *Audit of antibiotic prescribing in two governmental teaching hospitals in Indonesia*. CMI, Vol. 14. hal. 698-707.
- Halim, S., Yulia, R. and Setiawan, E. (2017). Carbapenem Utilization among Adults Inpatients in One Private Hospital in Surabaya. *Indonesian Journal of Clinical Pharmacy*, Vol. 6(4), Hal. 267-281.
- Hanifah, J. & Amir, A. (2009). *Etika Kedokteran dan Hukum Kesehatan. Edisi ke-4*. Jakarta: Buku Kedokteran ECG, hal.263.
- Hasrianna, Annisa, N., Milanda, T., Pradipta, I. and Abdulah, R. (2015). Monitoring Use of Antibiotics with ATC/DDD and DU90% Method in Abepura Hospital Jayapura, Indonesia. *Indonesian Journal of Clinical Pharmacy*, Vol. 4(3), Hal. 218-225.
- Herawati, F. (2008). Tinjauan Kuantitas Penggunaan Antibiotik Di Rsk St. Vincentius A Paulo Surabaya Dan Rasionalitas Penggunaan Antibiotik Pada Pasien Pneumonia Nosokomial Yang Menjalani Rawat Inap Di RSK St. Vincentius A Paulo Surabaya Pada Tahun 2006. Thesis. Surabaya.
- Horn, S., Sharkey, P., Buckle, J., Backofen, J., Averill, R. and Horn, R. (1991). The Relationship Between Severity of Illness and Hospital Length of Stay and Mortality. *Medical Care*, Vol. 29(4), Hal. 305-317.
- James, J., Baker, C. and Swain, H. (2008). *Principles of Science for Nurses*. Chichester: John Wiley & Sons, hal.109-115.
- Kapoor, G., Saigal, S., & Elongavan, A. (2017). *Action and resistance mechanisms of antibiotics: A guide for clinicians*. JOACP, Vol 33(3). Hal. 300–305.

- Kattan, J., Villegas, M. and Quinn, J. (2008). New developments in carbapenems. *Clinical Microbiology and Infection*, Vol 14(12), Hal.1102-1111.
- Katzung, B. G., Masters, S. B., & Trevor, A. J. (2012). *Basic & clinical pharmacology*. New York, McGraw-Hill Medical.
- Kemenkes. (2011). *Modul Penggunaan Obat Rasional*. Jakarta : Kementriaan Kesehatan RI
- Kemenkes. (2011). *Pedoman Pelayanan Kefarmasian Untuk Terapi Antibiotik*. Jakarta : Kementriaan Kesehatan RI
- Kemenkes. (2018). *Mari Bersama Atasi Resistensi Antimikroba (AMR)*. [online] Dapat diakses di: <http://www.depkes.go.id/article/view/16060800002/mari-bersama-atasi-resistensi-antimikroba-amr.html> [Diakses pada 15 April 2018]
- Kemenkes. (2011). *Peraturan Menteri Kesehatan Republik Indonesia Nomor 2406/MENKES/PER/XII/2011 Tentang Pedoman Umum Penggunaan Antibiotik*. Jakarta : Kementrian Kesehatan RI
- Kuster, S., Ruef, C., Ledergerber, B., Hintermann, A., Deplazes, C., Neuber, L. and Weber, R. (2008). Quantitative Antibiotic Use in Hospitals: Comparison of Measurements, Literature Review, and Recommendations for a Standard of Reporting. *Infection*, 36(6), Hal. 549-559.
- Leekha, S., Terrell, C. L., & Edson, R. S. (2011). *General Principles of Antimicrobial Therapy*. MCP, Vol. 86(2), hal. 156–167.
- Lunzen, J. dan Altfeld, M. (2014). Sex Differences in Infectious Diseases-Common but Neglected. *Journal of Infectious Diseases*, Vol. 209(suppl 3), Hal. 79-80.
- Madigan MT, Martinko JM, Brock TD. (2006). *Brock Biology of Microorgnisms*. New Jersey: Pearson Prentice Hall.
- Mahmudah, F., Sumiwi, S. and Hartini, S. (2016). Study of the Use of Antibiotics with ATC/DDD System and DU 90% in Digestive Surgery in Hospital in Bandung. *Indonesian Journal of Clinical Pharmacy*, Vol. 5(4), Hal.293-298.
- Maimun, A., 2008. *Perencanaan Obat Antibiotik Berdasarkan Kombinasi Metode Konsumsi dengan Analisis ABC dan Reorder Point Terhadap Nilai Persediaan dan Turn Over Ratio di Instalasi Farmasi RS Darul Istiqomah Kaliwungu Kendal*. Tesis. Program Pasca Sarjana, Universitas Diponegoro, Semarang

- Mardiyantoro, F. (2017). *Penyebaran Infeksi Odontogen dan Tatalaksana: Dasar Pemahaman tentang Infeksi pada Rongga Mulut dan Sekitarnya*. Edisi Pertama. Malang: UB Press, hal. 68.
- Mendes, R. E., Mendoza, M., Banga Singh, K. K., Castanheira, M., Bell, J. M., Turnidge, J. D. Jones, R. N. (2013). *Regional Resistance Surveillance Program Results for 12 Asia-Pacific Nations (2011)*. AAC, Vol. 57(11), hal. 5721–5726.
- Mohamad, N., Jusoh, N., Zaw Htike, Z. and Lei Win, S. (2014). *Bacteria Identification From Microscopic Morphology: A Survey*. IJSCAI, Vol.3(2), hal.1-12.
- Nelson, S. (2012). *How to Calculate Antimicrobial Defined Daily Doses (DDDs) and DDDs per 1000 Patient Days*. New York: Antimicrobial Stewardship, hal.1-7.
- Nurmala, N., Virgiandhy, I., Andriani, A. and Liana, D. (2015). Resistensi dan Sensitivitas Bakteri terhadap Antibiotik di RSUD dr. Soedarso Pontianak Tahun 2011-2013. *eJournal Kedokteran Indonesia*, 3(1).
- Omicsonline.org. (2019). Selective Pressure Journals. [online] Available at: <https://www.omicsonline.org/scholarly/selective-pressure-journals-articles-ppts-list.php> [Diakses pada tanggal 29 Juni 2019].
- Papp-Wallace, K. M., Endimiani, A., Taracila, M. A., & Bonomo, R. A. (2011). *Carbapenems: Past, Present, and Future*. AAC, vol. 55(11), hal. 4943–4960.
- Parathon, H., Kuntaman, K., Widiastoety, T. H., Muliawan, B. T., Karuniawati, A., Qibtiyah, M. Vong, S. (2017). *Progress towards antimicrobial resistance containment and control in Indonesia*. BMJ, hal. 358.
- PMPRB Canada. (2010). *Use Of The World Health Organization Defined Daily Dose In Canadian Drug Utilization And Cost Analyses*. Ottawa, Ont. : Patented Medicine Prices Review Board, hal.1-2.
- Nugroho, E. dan Rahayu, D. (2017). *Pengantar Bioteknologi (Teori dan Aplikasi)*. Edisi Pertama. Sleman: CV Budi Utama, hal.103.
- Sieniawski, K., Kaczka, K., Rucińska, M., Gągis, L. and Pomorski, L. (2013). *Acinetobacter Baumannii Nosocomial Infections*. Polish Journal of Surgery, Vol 85(9), hal. 483-490.
- Sistanizad M, Kouчек M, Miri M, et al. Carbapenem Restriction and its Effect on Bacterial Resistance in an Intensive Care unit of a Teaching Hospital. *Iran J Pharm Res*. 2013;Vol. 12(3): Hal. 503–509.

- Sumardjo, D. (2009). *Pengantar Kimia Buku Panduan Kuliah Mahasiswa Kedokteran dan Program Strata I Fakultas Bioeksakta*. Edisi Pertama. Jakarta: Penerbit Buku Kedokteran ECG, hal. 423.
- Suwantarat, N., & Carroll, K. C. (2016). *Epidemiology and molecular characterization of multidrug-resistant Gram-negative bacteria in Southeast Asia*. BMC, Vol. 5, hal. 15.
- Urbánek, K., Kolář, M., Lovečková, Y., Strojil, J. and Šantavá, L. (2007). Influence of third-generation cephalosporin utilization on the occurrence of ESBL-positive *Klebsiella pneumoniae* strains. *Journal of Clinical Pharmacy and Therapeutics*, Vol. 32(4), Hal. 403-408.
- Vasoo, S., Barreto, J. and Tosh, P. (2015). *Emerging Issues in Gram-Negative Bacterial Resistance*. MCP, vol. 90(3), hal.395-403.
- Weyand, C. and Goronzy, J. (2016). Aging of the Immune System. Mechanisms and Therapeutic Targets. *Annals of the American Thoracic Society*, 13(Supplement_5), Hal. 422-428.
- WHO. (2017). *Guidelines for ATC classification and DDD assignment, 21st ed.* WHOCC, hal. 31-38.
- WHO. (2018). *ATC/DDD Index*. [online] Dapat diakses di: https://www.whocc.no/atc_ddd_index/ [Diakses pada tanggal 30 April 2018].
- WHO. (2018). *Definition and general considerations*. [online] Dapat diakses di: https://www.whocc.no/ddd/definition_and_general_considera/ [Diakses pada tanggal 30 April 2018].
- WHO. (2018). *Structure and principles*. [online] Dapat diakses di: https://www.whocc.no/atc/structure_and_principles/ [Diakses pada tanggal 30 April 2018].
- WHO. (2018). *Antimicrobial resistance*. [online] Dapat diakses di: <http://www.who.int/mediacentre/factsheets/fs194/en/> [Diakses pada tanggal 15 April 2018].
- Yang, P., Chen, Y., Jiang, S., Shen, P., Lu, X. and Xiao, Y. (2018). Association between antibiotic consumption and the rate of carbapenem-resistant Gram-negative bacteria from China based on 153 tertiary hospitals data in 2014. *Antimicrobial Resistance & Infection Control*, 7(1).
- Zhang, L., Levy, K., Trueba, G., Cevallos, W., Trostle, J., Foxman, B., Marrs, C. and Eisenberg, J. (2015). Effects of Selection Pressure and Genetic Association on the Relationship between Antibiotic Resistance and

Virulence in Escherichia coli. Antimicrobial Agents and Chemotherapy,
59(11), Hal.6733-6740.