

DAFTAR PUSTAKA

- Adani, S. D., Zulfariansyah, A. & Santoso, P. T. R. 2017, ‘Quality Assesment of Antibiotic Prescription for Sepsis Treatment in Intensive Care Unit at Top Referral Hospital in West Java, Indonesia’, Althea Medical Journal, 4(2), pp. 286–292.
- Adnan, M. L. 2020. ‘Wanita Usia 26 Tahun, Multigravida Hamil 35 Minggu Dengan Diagnosis Infeksi Saluran Kemih’, Laporan Kasus *JIMKI: Jurnal Ilmiah Mahasiswa Kedokteran Indonesia*, 7(2), pp. 54–59. doi: 10.53366/jimki.v7i2.51.
- Adiwinoto, R. P., Sustini, F., Hardiono., Widodo, A. W., Hidajat, B., & Hadi, Usman. 2018, ‘Empirical Antibiotic Therapy Assessment of Patients diagnosed with Sepsis in Intermediate Care Ward of Internal Medicine Department of Dr. Soetomo General Hospital according to Gyssens Method’, Oceana Biomedicina Journal, 1(2), p. 69
- Alazmi, A. Ahmed, O. Alhamdan, H. AlGarni, H. Elzain, R., M. AlThubaiti, R., & S. Alshaikh, M., A., A. 2019 ‘Epidemiology of preventable drug-related problems (DRPs) among hospitalized children at KAMC-Jeddah: A single-institution observation study’, *Drug, Healthcare and Patient Safety*, 11, pp. 95–103.
- Al-Sadawi, M. Ortega, R, R., Sun, N., Abdurahimova, M., McFarlane, S, I. 2019. ‘Jerky Movement with Ceftazidime: A Case of Ceftazidime-Induced Neurotoxicity with a Review of the Literature’, *Case Reports in Medicine*,
- Ambami, S. 2020 ‘Evaluasi Penggunaan Antibiotik dengan Metode ATC/DDD pada Pasien Pneumonia di RSUD Jombang Periode Januari-Desember 2019’, *Skripsi*, Universitas Islma Negeri Maulana Malik Ibrahimin, 5(1), p. 55.
- Angele, M. K. Pratschke, S. Hubbard, W., J. & Chaudry, I., H. 2014. ‘Gender differences in sepsis: Cardiovascular and immunological aspects’, *Virulence*, 5(1), pp. 12–19.
- Baharoon, S., Telmesan, A., Tamim, H., Alsafi, E., Aljohani, S., Mahmoed, E., & Al-Jahdali, H. 2015, ‘Community- versus nosocomial-acquired severe sepsis and septic shock in patients admitted to a tertiary intensive care in Saudi Arabia , etiology and outcome’, *Journal of Infection and Public Health*. King Saud Bin Abdulaziz University for Health Sciences, 8(5), pp. 418–424.
- Baktygul, K., Marat, B., Ashirali, Z., Harun-Or-Rashid, MD., & Sakamoto, J., 2011, ‘An assessment of antibiotics prescribed at the secondary healthcare level in the Kyrgyz Republic’ , *Nagoya J Med*. 73. 157-168.
- Bauer, M. Gerlach, H., Vogelmann, T., Preissing, F., stiefel, J., & Adam, D. 2020. ‘Mortality in sepsis and septic shock in Europe, North America and Australia between 2009 and 2019-results from a systematic review and meta-analysis’, *Critical Care. Critical Care*, 24(1), pp. 1–9.
- CDC, 2013 ‘Antibiotic resistance threats in the United States’, Centers for Disease Control and Prevention Atlanta: U.S. Departement of Health and Human Services, 37(12), pp. 828–831.
- CDC, 2019 ‘Antibiotic Resistance Threats in the United States’, Centers for Disease Control and Prevention, Atlanta, GA: U.s. Departement of Health and Human Services. pp. 1–113.

- Dana, A. N., & Bauman, W. A. 2014. 'Bacteriology of pressure ulcers in individuals with spinal cord injury: What we know and what we should know'. *The Journal of Spinal Cord Medicine*, 38(2), 147–160.
- Dewi, N. P. R. P. 2015 'Evaluasi Penggunaan Antibiotik Berdasarkan Metode PDD (Prescribed Daily Dose) Dan DDD (Defined Daily Dose) Pada Pasien Rawat Inap Di Bangsal Anak RSUD Panembahan Senopati Bantul Yogyakarta Periode Januari-Juni 2014', *Skripsi*. Universitas Sanata Dharma.
- Dewi, R. S., Radji, M. & Andalusia, R. 2018, 'Evaluation of antibiotic use among sepsis patients in an intensive care unit: A cross-sectional study at a referral hospital in Indonesia', *Sultan Qaboos University Medical Journal*, 18(3), pp. e367–e373.
- Dipiro, Joseph T. Yee, Gary C., Posey, L. Michael., Haines, Stuart T., & Nolin, Thomas D. 2018 *Pharmacotherapy: A Pathophysiologic Approach*, by McGraw Hill.
- Dolin, H. H. Papadimos, T., J. Chen, X. & Pan, Z., K. 2019. 'Characterization of Pathogenic Sepsis Etiologies and Patient Profiles: A Novel Approach to Triage and Treatment', *Microbiology Insights*, 12(Figure 1), p. 117863611882508
- Dugar, S., Choudhary, C. & Duggal, A. 2020, 'Sepsis and septic shock: Guideline-based management', *Cleveland Clinic Journal of Medicine*, 87(1), pp. 53–64.
- Dyrhovden, R. Øvrebø, K.K. Nordahl, M. V., Nygaard , R. M., Ulvestad , E., & Kommedal , O. 2020. 'Bacteria and fungi in acute cholecystitis. A prospective study comparing next generation sequencing to culture', *Journal of Infection*. Elsevier Ltd, 80(1), pp. 16–23.
- Evans, L. et al. 2021, 'Surviving sepsis campaign : international guidelines for management of sepsis and septic shock 2021', *Intensive Care Medicine*. Springer Berlin Heidelberg.
- Eyler, R. F. and Shvets, K. 2019 'Clinical pharmacology of antibiotics', *Clinical Journal of the American Society of Nephrology*, 14(7), pp. 1080–1090.
- Fadlilah, U. Hasmono, D., Wibisono, Y. A., & Melinda, M. 2017 'Antibiogram Study and Antibiotic Use Evaluation Using Gyssen Method in Patients With Diabetic Foot', *Folia Medica Indonesiana*, 52(3), p. 198.
- Garin, N., Sole, N., Lucas, B., Matas, L., Moras, D., Troyona, A., R., Martin, L., G.,& Fonts, N. 2021. 'Drug Related in Clinical Practice : A Cross- Sectional Study on Their Prevalence, Risk Factors and Associated Pharmaceutical Interventions'. *Scientific reports Nature Research*. Vol 11:883
- Gilmartin, T. J., Liew, D., & Hopper, I. 2018, 'Observational studies and their utility for practice', *Australian Prescriber*, 41(3), pp. 82–85
- Glasheen, W. P.Cordier, T. Gumpina, R. Haugh, R. Davis, J. Renda, A. 2019. 'Charlson Comorbidity Index : ICD-9 Update and ICD-10 Translation' *American Health and Drug Benefit*, 12(4). 188-197.
- Gyssens, I. C. Van Der Meer, & J. W. M. 2001 'Quality of antimicrobial drug prescription in hospital', *Clinical Microbiology and Infection*. European Society of Clinical Infectious Diseases, 7(SUPPL. 6), pp. 12–15.
- Gunarso, O. B. (2017) 'Evaluasi Penggunaan Antibiotik pada Unit Perawatan Intensin ICU R. S. H. DI Jerman', *Skripsi*, Universitas Sanata Dharma. ,Yogyakarta.

- Gushka, H. 2015 'Evaluasi penggunaan antibiotika pada pasien sepsis di ruang ICU Rumah Sakit Umum Daerah Serang ', *Thesis*, Fakultas farmasi Universitas Gajah Mada, 3, pp. 4–5.
- Halawiyah, A. 2015 'Evaluasi Kualitatif Penggunaan Antibiotik Meropenem pada Pasien Sepsis BPJS di Rumkital dr. Mintohardjo Tahun 2014', *Skripsi*, Program Studi Farmasi UIN Syarif Hidayatullah Jakarta. pp. 37–59.
- Hagiya, H. Miyawaki, K., Yamamoto, N., Yoshida, H., Kitagawa, A., Asaoka, T., Eguchi, H., Akeda, Y., & Tomono, K. 2017. 'Ceftriaxone-induced neurotoxicity in a patient after pancreas-kidney transplantation', *Internal Medicine*, 56(22), pp. 3103–3107.
- Hasanah, U. Amaliyah, Y. dan Andriana, D. 2018. 'Hubungan Tanda Vital dan Parameter Laboratorium Darah Lengkap Terhadap Masa Rawat Pasien Sepsis di RSUD Kanjuruhan Kepanjen Kabupaten Malang Tahun 2016-2018'. *Fakultas Kedokteran Universitas Malang*.
- Hernández Ceruelos, A. Quezada, Romero, J.C. Ledezma, R., Contreras, L. 2019. 'Therapeutic uses of metronidazole and its side effects: An update', *European Review for Medical and Pharmacological Sciences*, 23(1), pp. 397–401.
- Hidayati, Arifin, H. & Raveinal. 2016 'Kajian Penggunaan Antibiotik pada Pasien Sepsis dengan Gangguan Ginjal (Study of Antibiotic Using on Septic Patients with Kidney Disorder)', *Jurnal Sains Farmasi & Klinis*, 2(2), pp. 129–137.
- Hopkinson, D. A., Mvukiyehe, J., P. Jayaraman, S., P. Syed, A., A. Dworkin, M. S. Mucyo, W. Cyuzozo, T. Tuyizere, A. Mukwesi, C. Nyirigira, G. Bangui, P., & R. Riviello, E., D. 2021 'Sepsis in two hospitals in Rwanda: A retrospective cohort study of presentation, management, outcomes, and predictors of mortality', *PLoS ONE*, 16(5 May 2021), pp. 1–15.
- Horowitz, D. L., Katzap, E., Horowitz, S., & LaBarca, M. L. B. 2011. 'Approach to septic arthritis', *American Family Physician*, 84(6), pp. 653–660.
- Hotchkiss, R. S. Moldeawer, L., L. Opal, S., M. Reinhart, K. Turnbull, I., R. & Vincent, J., L. 2016. 'Sepsis and septic shock', *Nature Disease Primers* Vol. 2 pp.1-21
- Irvan, I., Febyan, F. & Suparto, S. 2018 'Sepsis dan Tata Laksana Berdasar Guideline Terbaru', *JAI (Jurnal Anestesiologi Indonesia)*, 10(1), p. 62.
- Izzati, S. 2017 'Evaluasi Kualitas Penggunaan Antibiotik Pada Pasien Sepsis Di Bangsal Penyakit Dalam Rsup Dr. M. Djamil Padang Dengan Metode Gyssens', *Skripsi*, Jurusan Farmasi Fakultas Farmasi Universitas Andala, Padang.
- Jiang, C., Chen, Q. & Xie, M. 2020. 'Smoking increases the risk of infectious diseases: A narrative review', *Tobacco Induced Diseases*, 18(July), pp. 1–17.
- Jonathan, J., Kurniyanta I.P., dan Heryana, K. A. 2020. 'Gambaran Karakteristik Penderita Syok Septik Di Ruang Terapi Intensif Rumah Sakit Umum Pusat (Rsup) Sanglah Denpasar Periode Oktober 2017–Oktober 2018', *Jurnal Medika Udayana*, 9(7), pp. 4–6.
- Keeley, A., Hine, P. dan Nsutebu, E. 2017 'The recognition and management of sepsis and septic shock: A guide for non-intensivists', *Postgraduate Medical Journal*, 93(1104), pp. 626–634.

- Kemenkes, 2011 ‘Pedoman Umum Penggunaan Antibiotik’, Kementerian Kesehatan Republik Indonesia. pp6-8.
- Kemenkes, 2011 ‘Pedoman Pelayanan Kefarmasian Untuk Terapi Antibiotika’ Kementerian Kesehatan Republik Indonesia. pp 27-46
- Kemenkes RI. 2014. ‘Permenkes Nomor 28 tentang Pedoman Pelaksanaan Program Jaminan Kesehatan Nasional’, Kementerian Kesehatan Republik Indonesia, Jakarta.
- Kemenkes RI. 2015. ‘Permenkes nomor 8 tentang Program Pengendalian Resistensi Antimikroba di Rumah Sakit’, Kementerian Kesehatan Republik Indonesia, Jakarta.
- Kemenkes, 2017 ‘Pedoman Nasional Pelayanan Kedokteran Tata Laksana Sepsis’, 11(1), pp. 92–105.
- Kemenkes. RI. 2021 ‘Permenkes nomor 28 tentang Pedoman Penggunaan Antibiotik’, Kementerian Kesehatan Republik Indonesia, Jakarta.
- Ko, R. E., Jeon, K., Na, J. S., Oh., D, K., Park, S., Choi., E, Y., Kim, S, C., Seong, G, M., Heo, J., Chang, Y., Lwack, W, G., Kang, B, J., & Lim, C., 2019. ‘Characteristics, management and clinical outcomes of patients with sepsis: a multicenter cohort study in Korea’, *Tuberculosis and Respiratory Diseases*, 84(4), pp. 317–325.
- Korneev, K. V. 2019. ‘Mouse Models of Sepsis and Septic Shock’, *Molecular Biology*, 53(5), pp. 704–717.
- Lamichhane, S. Manadhar, N. Dhakal, S. & Shakya, Y., L. 2018 ‘Management and Outcome of Severe Sepsis and Septic Shock Patients’, *Journal of Nepal Health Research Council*, 16(2), pp. 165–171.
- Lacroix, C. Jonville, A., P., B, Montastruc, F., Velly, L., Micallef, J.,& Guilhaumou, R. 2021 ‘Serious neurological adverse events of ceftriaxone’, *Antibiotics*, 10(5), pp. 1–11. doi: 10.3390/antibiotics10050540.
- Lee, G.C., and Burgess, D., S. 2018. Antimicrobial Regimen Selection in *Pharmacotherapy: A Pathophysiologic Approach*, by McGraw Hill. Pp.123
- Lestari, P., D. Utami, E., D. Suryoputri, M., W. 2018. ‘Evaluasi Penggunaan Antibiotik di Bangsal Penyakit Dalam RSUD Prof . Dr . Margono Soekarjo Purwokerto’, *Acta Pharmaciae Indonesia*, 6(1), pp. 20–28.
- Levy, M. M., Evans, L. E. & Rhodes, A. 2018 ‘The Surviving Sepsis Campaign Bundle: 2018 update’, Intensive Care Medicine. Springer Berlin Heidelberg.
- Liu, J. Xie, H. Ye, Z. Li, F. Wang, L. 2020. ‘Rates, predictors, and mortality of sepsis-associated acute kidney injury: A systematic review and meta-analysis’, *BMC Nephrology*, 21(1), pp. 1–16.
- Livesley, N. J. dan Chow, A. W. 2002. ‘Infected pressure ulcers in elderly individuals’, *Clinical Infectious Diseases*, 35(11), pp. 1390–1396.
- Mahmuda, I. N. N. 2019 ‘Pencegahan Dan Tatalaksana Dekubitus Pada Geriatri’, *Biomedika*, 11(1), p. 11.
- Mani, C. S. 2017. *Acute Pneumonia and Its Complications*. Fifth Edit, *Principles and Practice of Pediatric Infectious Diseases*. Fifth Edit. Elsevier Inc.
- Martin-Lloeches, I. Guia, M., C. Valleccoccia, M., S. Suarez, D. Ibarz, M. Irazabal, M. Ferrer, R. & Artigas, A. 2019 ‘Risk factors for mortality in elderly and very elderly critically ill patients with sepsis: a prospective, observational, multicenter cohort study’, *Annals of Intensive Care*. Springer International Publishing, 9(26).

- Martínez, M. L. Menchaca, E., P., P. Rodriguez, J., C., R. & Ferrer, R. 2020. ‘An approach to antibiotic treatment in patients with sepsis’, *Journal of Thoracic Disease*, 12(3), pp. 1007–1021.
- Marvellini, R. Y., Tesalonika, F. dan Ria, B. 2019. ‘Gambaran Efektivitas Seftriakson dan Sefotaksim pada Pasien Demam Tifoid Usia 5 – 19 Tahun di RSUD Bekasi Periode Januari 2019-Desember 2019’, *Jurnal FK*, 063, pp. 1020-1024.
- Mayr, F. B., Yende, S. dan Angus, D. C. 2014. ‘Epidemiology of severe sepsis’, *Virulence*, 5(1), pp. 4–11.
- Meriyani, H., Adrianta, K. A. dan Sanjaya, D. A. 2021. ‘Antibiotic consumption and resistance pattern of 3 coagulase-negative staphylococci species: An ecological study’, *Indonesian Journal of Pharmacy*, 32(2), pp. 251–257.
- Meer Van Der, J. W. M. dan Gyssens, I. C. 2001 ‘Quality of antimicrobial drug prescription in hospital’, *Clinical Microbiology and Infection*. European Society of Clinical Infectious Diseases, 7(SUPPL. 6), pp. 12–15.
- Nahyani., Hardiono., & Semedi, B. P. 2015 ‘Kepatuhan penggunaan antibiotik empiris pada pasien dengan tanda sepsis berat dan syok septik diunit gawat darurat (ruang resusitasi dan ruang observasi intensif) RSUD Dr. Soetomo Surabaya Periode Oktober-November 2015’, Departemen Anestesiologi dan Reanimasi. Universitas Airlangga : Surabaya.
- Nainggolan, Juniarty JP. Kumaat, L. T. & Laihad, M. L. 2017 ‘Gambaran Sumber Terjadinya Infeksi pada Penderita Sepsis dan Syok Septik di ICU RSUP Prof . Dr . R . D . Kandou Manado’, *Jurnal e-Clinic*, 5(September), pp. 3–7.
- Nasir, N., Jamil, B., Siddiqui, S., Talat, N., Khan, F.A., & Hussain, R. 2015 ‘Mortality in Sepsis and its relationship with Gender’, *Pak J Med*. 31(5), pp. 1201–1206.
- Nagy, E., Boyanova, L. dan Justesen. 2018 ‘How to isolate, identify and determine antimicrobial susceptibility of anaerobic bacteria in routine laboratories’, *Clinical Microbiology and Infection*. Elsevier Ltd, 24(11), pp. 1139–1148.
- Olander, A. Andersson, H. Sundler, A., J. Bremer, A. Ljungstrom, L. dan Hagiwara, M., A.2019 ‘Prehospital characteristics among patients with sepsis: A comparison between patients with or without adverse outcome’, *BMC Emergency Medicine*. BMC Emergency Medicine, 19(1), pp. 1–8.
- Pradipta, I. S., Sodik, D. C., Lestari, K., Partiwi, I., Halimah, E., Diantini, A., & Abdulah, R., 2013 ‘Antibiotic resistance in sepsis patients: Evaluation and recommendation of antibiotic use’, *North American Journal of Medical Sciences*, 5(6), pp. 344–352.
- Putra, I. A. S. 2019 ‘Update Tatalaksana Sepsis’, *Cdk-280*, 46(11), pp. 681–685
- Putra, W. A. Sari, Y.O. & Arifin, H. 2021. ‘A Quantitative Study of Antibiotic Use Using ATC / DDD in the ICU at Petala Bumi Hospital , Riau Province in 2018-2019’, *International Journal of Innovative Science and Research Technology* 6(7), pp. 1584–1590.
- Rachmawati, S. Fazeri, R., L., & Norcahyani, I. 2020. ‘Gambaran Penggunaan Antibiotik di Bangsal Penyakit Dalam RSUD Bangil Kabupaten Pasuruan’. *Journal of Pharmaceutical Science and Clinical Research*. Pp 12-21.
- Rawis, D., Lalenoh, D. C. dan Laihad, M. L. 2019. ‘Kode Biru pada Pasien Sepsis di RSUP Prof. Dr. R. D. Kandou selang Juni 2018 sampai Juli 2019’,

- e-CliniC*, 7(2), pp. 142–147.
- Rhee, C. Yu, T. Wang, R. Kardi, S., S. Fram, D. Chen, H., C. dan Klompas, M. 2021. ‘Association Between Implementation of the Severe Sepsis and Septic Shock Early Management Bundle Performance Measure and Outcomes in Patients With Suspected Sepsis in US Hospitals’, *JAMA Network Open*, 4(12), p. e2138596.
- Rhodes, A. Evans, L. E., Alhazzani, W., Levy, M. M., Antonelli, M., Ferrer, R., Kumar, A., Sevransky, J. E., Sprung, C. L..... & Dellinger, P.. 2017. 'Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016', *Intensive Care Medicine* Springer Berlin Heidelberg.
- Ridwan, A., Narulita, L., Widyadi, E, D., & Suharjono. 2019. ‘Analisis Penggunaan Antibiotik pada Pasien Penyakit Dalam di RSUD Dr.H. Slamet Martodirdjo Pamekasan dengan Metode ATC/DDD’. *Jurnal Sains Farmasi & Klinis*. p-ISSN : 2407-7062
- Rudd, K. E., Johnson, S. C., Shackelford, K. A., Tsoi, D, Kivla, D, R., Colombara, I, K, S., Kissoon, N., & Naghawi,M . 2020 ‘Global, regional, and national sepsis incidence and mortality, 1990–2017: analysis for the Global Burden of Disease Study’, *The Lancet.*, 395(10219), pp. 200–211.
- Rukmana, R. W. 2018. ‘Evaluasi Rasionalitas Penggunaan Antibiotik pada Pasien Sepsis di Intensive Care Unit (ICU) RSUD Dr. Moewardi Surakarta Tahun 2016-2017’, *Skripsi*, Fakultas Farmasi, Universitas Muhammadiyah Surakarta
- Salomão, R., Ferreira, B.L., Salomão, M. C., Santos, S.S., Azevedo, L.C.P., & Brunialti, M.K.C., 2019 ‘Sepsis: Evolving concepts and challenges’, *Brazilian Journal of Medical and Biological Research*, 52(4), pp. 1–14.
- Sari, A. dan Safitri, I. 2016 ‘Studi Penggunaan Antibiotik Pasien Pneumonia Anak Di RS. PKU Muhammadiyah Yogyakarta Dengan Metode Defined Daily Dose (DDD)’, *Jurnal Ilmiah Ibnu Sina*, 1(2), pp. 151–162.
- Saxena, S. Priyadarshi, M. Saxena, A.& Singh, R. 2019.‘Antimicrobial consumption and bacterial resistance pattern in patients admitted in I.C.U at a tertiary care center’, *Journal of Infection and Public Health*. King Saud Bin Abdulaziz University for Health Sciences, 12(5), pp. 695–699.
- Setiyohadi, B., Santosa, D. dan Abdullah, A. A. 2011. ‘Septic arthritis in malignancy’, *Indonesian Journal of Rheumatology*, 03(5277), pp. 37–40.
- Seymour, C. W., Liu, V., Iwashyna, T. J., Brunkhorst, F. M., Rea, T. D., Scherag, A., Rubenfeld, G., Kahn, J, M.,..... Angus, D, C. 2016 ‘Assessment of clinical criteria for sepsis for the third international consensus definitions for sepsis and septic shock (sepsis-3)’, *JAMA - Journal of the American Medical Association*, 315(8), pp. 762–774.
- Singer, M., Deutschman, C, S, Seymour, C, W., Hari, S, M., Angus, D, C. 2016. ‘The third international consensus definitions for sepsis and septic shock (sepsis-3)’, *JAMA - Journal of the American Medical Association*, 315(8), pp. 801–810.
- Smith, S., Kennedy, B, J., Dermedgoglou , A., Poulgrain , S., Paavola , M, P., Minto , T, L., Luc, M., Liu, Y, H., &hanson, J. 2019. ‘A simple score to predict severe leptospirosis’, *PLoS Neglected Tropical Diseases*, 13(2), pp.

- 1–13.
- Sonda, T. B. Horumpende, P. G. Kumburu, H. H. Zwetselaar, M. V. Mshana, S. E. Alifrangis, M. Olelund. Aarestrup, M. F. Chilongola, J. O. Mmbaga, B.T. &Kibiki, G. S. 2019 ‘Ceftriaxone use in a tertiary care hospital in Kilimanjaro, Tanzania: A need for a hospital antibiotic stewardship programme’, *PLoS ONE*, 14(8), pp. 1–11.
- Song, X., Cao, Wu, Y., Cao, L., Yao, Dunwu., &Long, M. 2019 ‘Is Meropenem as a Monotherapy Truly Incompetent for Meropenem-Nonsusceptible Bacterial Strains. A Pharmacokinetic/Pharmacodynamic Modeling With Monte Carlo Simulation’, *Frontiers in Microbiology*, 10(November), pp. 1–15.
- Steffens, N. A. *Zimmermann, E, S., Nichelle, S, M., & Brucker, N.* 2021 ‘Meropenem use and therapeutic drug monitoring in clinical practice: a literature review’, *Journal of Clinical Pharmacy and Therapeutics*, 46(3), pp. 610–621.
- Stevens, D. L. Binson AL, Chambers HF, Dellinger EP, Goldstein EJC, Gorbach SL,. . 2014. ‘Practice guidelines for the diagnosis and management of skin and soft tissue infections: 2014 update by the infectious diseases society of America’, *Clinical Infectious Diseases*, 59(2).
- Sitompul, F., Radji, M. & Bahtiar, A. (2016) ‘Evaluasi Penggunaan Antibiotik dengan Metode Gyssens pada Pasien Stroke Rawat Inap di RSUD Koja secara Retrospektif (Periode KJS dan BPJS)’, Fakultas Farmasi Universitas Indonesia : Depok. 6(1), pp. 30–38.
- Strich, J. R., Heil, E. L. & Masur, H. (2021) ‘Considerations for empiric antimicrobial therapy in sepsis and septic shock in an era of antimicrobial resistance’, *Journal of Infectious Diseases*, 222(Suppl 2), pp. S119–S131
- Sulistyo, A. A. H. (2018) ‘Management of Diabetic Foot Ulcer: a Literature Review’, *Jurnal Keperawatan Indonesia*, 21(2), pp. 84–93.
- Sullivan, T. dan De Barra, E. 2018 ‘Diagnosis and management of cellulitis’, *Clinical Medicine, Journal of the Royal College of Physicians of London*, 18(2), pp. 160–163.
- Tambajong, R. N., Lalenoh, D. C. dan Kumaat, L. (2016) ‘Profil penderita sepsis di ICU RSUP Prof. Dr. R. D. Kandou Manadoperiode Desember 2014 – November 2015’, *e-CliniC*, 4(1).
- Tangie, L. *Paul, N, D. Essouma, M. Temgoua, M, N., Aroke, D.* 2019. ‘Diagnostic dilemma and management pitfalls of acute liver failure in resource limited Sub Saharan Africa: a case report’, *European Journal of Medical Case Reports*, (December), pp. 108–111.
- WHO report on Surveillance of Antibiotic Consumption, E. implementation. 2018. *WHO Report on Surveillance of Antibiotic Consumption*, World Health Organization.
- WHO2020, *Global report on the epidemiology and burden of sepsis: current evidence, identifying gaps and future directions, Global report on the epidemiology and burden of sepsis: current evidence, identifying gaps and future directions*. World Health Organization
- WHO 2022, *Guidelines for ATC classification and DDD assignment*.World Health Organization
- Wijaksana, D. S., Anggraeni, N. dan Endriani, R. (2017) ‘Pola Bakteri dan

- Resistensi Antibiotik pada Pasien Sepsis di Intensive Care Unit (ICU) RSUD Arifin Achmad Provinsi Riau Periode 1 Januari – 31 Desember 2017”, pp. 117–125.
- Wulandari. D.N (2016) 'Efektivitas Penggunaan Antibiotik Ceftraxone Pada Pasien Pneumonia Dewasa Di Instalasi Rawat Inap Rsud Dr . Moewardi Surakarta tahun 2014-2015' *Tugas Akhir*, Diploma 3 Farmasi, Universitas Sebelas Maret.

