

## DAFTAR PUSTAKA

- Abola, M. V., Lin, C. C., Lin, L. J., Schreiber-Stainthorp, W., Frempong-Boadu, A., Buckland, A. J., & Protopsaltis, T. S., 2021. Postoperative Prophylactic Antibiotics in Spine Surgery: A Propensity-Matched Analysis. *Journal of Bone and Joint Surgery*, 103(3), 219–226. <https://doi.org/10.2106/JBJS.20.00934>
- Admaja, W., Herowati, R., dan Andayani, T.M., 2019. Analisis Efektivitas Biaya Terapi Penggunaan Antibiotik Profilaksis Cefazolin dan Amoxicillin pada Kasus Bedah Sesar di RSUD Jombang Tahun 2017. *Jurnal Wiyata*, 6: 15.
- Aghdassi, S.J.S., Schröder, C., dan Gastmeier, P., 2019. Gender-related risk factors for surgical site infections. Results from 10 years of surveillance in Germany. *Antimicrobial Resistance & Infection Control*, 8: 95.
- Alemkere, G., 2018. Antibiotic usage in surgical prophylaxis: A prospective observational study in the surgical ward of Nekemte referral hospital. *PLOS ONE*, 13: e0203523.
- Andayani, T.M., 2013. *Farmakoekonomi Prinsip dan Metodologi*. Bursa Ilmu. Yogyakarta.
- Anderson, D.J., Podgorny, K., Berríos-Torres, S.I., Bratzler, D.W., Dellinger, E.P., Greene, L., Nyquist, A.-C., Saiman, L., Yokoe, D.S., Maragakis, L.L., Kaye, K.S., 2014, Strategies to Prevent Surgical Site Infections in Acute Care Hospitals: 2014 Update, *Infect. Control Hosp. Epidemiol*, 35, 605–627.
- Areda, C.A., Bonizio, R.C., dan Freitas, O. de, 2011. Pharmacoeconomy: an indispensable tool for the rationalization of health costs. *Brazilian Journal of Pharmaceutical Sciences*, 47: 231–240.
- Asrawal, A., Summary, R., Hasan, D., dan Daniel, D., 2019. Faktor Risiko Terjadinya Infeksi Daerah Operasi pada Pasien Bedah Orthopedi di RSUP Fatmawati Periode Juli-Oktober 2018. *Jurnal Sains Farmasi & Klinis*, 6: 104.
- Badan Penyelenggara Jaminan Sosial Kesehatan, 2021. Peserta Program JKN, BPJS Kesehatan diakses pada 15 Juni 2021 <https://webbpsj.azurewebsites.net/bpjs/home>
- Bandalović, A., Zindović, A., Boschi, V., Bakota, B., Marinović, M., Čoklo, M., dkk., 2015. A retrospective study of antibiotic prophylaxis value in surgical treatment of lower limb fracture. *Injury*, 46: S67–S72.

- Benjamin, C, 2020, Fracture types (1), ADAM, diakses pada 1 Juni 2020  
<https://medlineplus.gov/ency/imagepages/1096.htm>
- Berrios-Torres, S. I., Umscheid, C. A., Bratzler, D. W., Leas, B., Stone, E. C., Kelz, R. R., Reinke, C. E., Morgan, S., Solomkin, J. S., Mazuski, J. E., Dellinger, E. P., Itani, K. M. F., Berbari, E. F., Segreti, J., Parvizi, J., Blanchard, J., Allen, G., Kluytmans, J. A. J. W., Donlan, R., Schechter, W.P, Healthcare Infection Control Practices Advisory Committee, 2017. Centers for Disease Control and Prevention Guideline for the Prevention of Surgical Site Infection, 2017. *JAMA Surgery*, 152(8), 784.  
<https://doi.org/10.1001/jamasurg.2017.0904>
- Bergh, C., Wennergren, D., Möller, M., dan Brisby, H., 2020. Fracture incidence in adults in relation to age and gender: A study of 27,169 fractures in the Swedish Fracture Register in a well-defined catchment area. *PLOS ONE*, 15: e0244291.
- Birkett, M.A. dan Day, S.J., 1994. Internal pilot studies for estimating sample size. *Statistics in Medicine*, 13: 2455–2463.
- Brunton, L.L., Knollmann, B.C., dan Hilal-Dandan, R., 2018. *Goodman & Gilman's: : The Pharmacological Basis of Therapeutics* /. McGraw-Hill Education LLC., New York, N.Y.
- Chu, S.P., 2004. Risk Factors for Proximal Humerus Fracture. *American Journal of Epidemiology*, 160: 360–367.
- Collins, S.R. dan Hochadel, M., 2018. *Mosby's Drug Reference for Health Professions*, Edition 6. ed. Elsevier, Inc, St. Louis, Missouri.
- Court-Brown, C.M. dan Caesar, B., 2006. Epidemiology of adult fractures: A review. *Injury*, 37: 691–697.
- Cunha, B.A., 2015. *Antibiotic Essential*, 14th ed. aypee Brothers Medical Publisher, New Delhi, Inda.
- Curtis, E.M., van der Velde, R., Moon, R.J., van den Bergh, J.P.W., Geusens, P., de Vries, F., dkk., 2016. Epidemiology of fractures in the United Kingdom 1988–2012: Variation with age, sex, geography, ethnicity and socioeconomic status. *Bone*, 87: 19–26.
- Dietrich, E.S., Bieser, U., Frank, U., Schwarzer, G., dan Daschner, F.D., 2002. Ceftriaxone versus Other Cephalosporins for Perioperative Antibiotic Prophylaxis : A Meta-Analysis of 43 Randomized Controlled Trials 49–56.

- Edwiza, D.S., Husen, I.R., dan Arsa, W., 2017. Prophylactic Antibiotic Pattern in Open Reduction Internal Fixation for Closed Fractures at Dr. Hasan Sadikin General Hospital Bandung in 2013. *Althea Medical Journal*, **4**: 413–419.
- Ercole, F.F., Chianca, T.C.M., Duarte, D., Starling, C.E.F., dan Carneiro, M., 2011. Surgical site infection in patients submitted to orthopedic surgery: the NNIS risk index and risk prediction. *Revista Latino-Americana de Enfermagem*, **19**: 269–276.
- Esposito, S., Noviello, S., Vanasia, A., dan Venturino, P., 2004. Ceftriaxone versus Other Antibiotics for Surgical Prophylaxis: A Meta-Analysis. *Clinical Drug Investigation*, **24**: 29–39.
- Finch, R.G. (Editor), 2010. *Antibiotic and Chemotherapy: Anti-Infective Agents and Their Use in Therapy*, 9. ed. ed. Saunders/Elsevier, Edinburgh.
- Firdaus, Y.V., Jaelani, A.K., Herawati, F., dan Yulia, Ri., 2021. Evaluasi penggunaan antibiotik profilaksis pada pasien bedah ortopedi di Rumah Sakit Bangilofilaksis ortopedi di bangil. *Intisari Sains Medis*, **12**: 407–414.
- Gans, I., Jain, A., Sirisreetreerux, N., Haut, E.R., dan Hasenboehler, E.A., 2017. Current practice of antibiotic prophylaxis for surgical fixation of closed long bone fractures: a survey of 297 members of the Orthopaedic Trauma Association. *Patient Safety in Surgery*, **11**: 2.
- Geroulanos, S., Marathias, K., Kriaras, J., dan Kadas, B., 2001. Cephalosporins in Surgical Prophylaxis. *Journal of Chemotherapy*, **13**: 23–26.
- Girard, R., Perraud, M., Herriot, H.E., Prüss, A., Savey, A., Tikhomirov, E., dkk., 2002. *“Prevention of Hospital-Acquired Infections” A Practical Guide*, 2nd ed. World Health Organization.
- Hidayat, M., 2013. Faktor Yang Berhubungan Dengan Kejadian Kecelakaan Lalu Lintas Pada Pengendara Sepeda Motor Di Wilayah Polres Kabupaten Malang **1**: 15.
- Inabathula, A., Dilley, J. E., Ziemba-Davis, M., Warth, L. C., Azzam, K. A., Ireland, P. H., & Meneghini, R. M., 2018. Extended Oral Antibiotic Prophylaxis in High-Risk Patients Substantially Reduces Primary Total Hip and Knee Arthroplasty 90-Day Infection Rate. *Journal of Bone and Joint Surgery*, **100**(24), 2103–2109. <https://doi.org/10.2106/JBJS.17.01485>
- Jenks, P.J., Laurent, M., McQuarry, S., dan Watkins, R., 2014. Clinical and economic burden of surgical site infection (SSI) and predicted financial consequences of elimination of SSI from an English hospital. *Journal of Hospital Infection*, **86**: 24–33.

- Jones, M.S. dan Waterson, B., 2020. Principles of management of long bone fractures and fracture healing. *Surgery (Oxford)*, **38**: 91–99.
- Karaali, C., Emiroğlu, M., Çalik, B., Sert, İsmail, Kebapci, E., Kaya, T., Budak, G. G., Akbulut, G., & Aydın, C., 2019. Evaluation of Antibiotic Prophylaxis and Discharge Prescriptions in the General Surgery Department. *Cureus*. <https://doi.org/10.7759/cureus.4793>
- Kaye, K.S., Schmit, K., Pieper, C., Sloane, R., Caughlan, K.F., Sexton, D.J., dkk., 2005. The Effect of Increasing Age on the Risk of Surgical Site Infection. *The Journal of Infectious Diseases*, **191**: 1056–1062.
- Kementrian Kesehatan RI, 2008. *Peraturan Menteri Kesehatan Republik Indonesia Nomor 129/Menkes/SK/II/2008 tentang Standar Pelayanan Minimal Rumah Sakit*
- Kementrian Kesehatan RI, 2011. *Peraturan Menteri Kesehatan Republik Indonesia Nomor 2406/Menkes/Per/XII/2011 tentang Pedoman Umum Penggunaan Antibiotik*.
- Kementrian Kesehatan RI, 2013. *Pedoman Penerapan Kajian Farmakoekonomi*. Kementrian Kesehatan Republik Indonesia. Jakarta.
- Kementrian Keuangan RI, 2018. *Peraturan Menteri Keuangan Nomor 141/PMK.02/2018 tentang Koordinasi Antar Penyelenggara Jaminan dalam Pemberian Manfaat Pelayanan Kesehatan*.
- Kementrian Kesehatan RI, 2019. *Laporan Nasional Riskesdas 2018*. Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan, Jakarta.
- Li, G., Guo, F., Ou, Y., Dong, G., dan Zhou, W., 2013. Epidemiology and outcomes of surgical site infections following orthopedic surgery. *American Journal of Infection Control*, **41**: 1268–1271.
- Lim, A., Prasetyo, S.A., dan Hapsari, R., 2017. Perbandingan Pemberian Antibiotik Profilaksis Ceftriaxon Dan Non-Ceftriaxon Terhadap Kejadian Surgical Site Infection Pasca Kolesistektomi. *Jurnal Kedokteran Diponegoro*, **6**: 9.
- Lundine, K.M., Nelson, S., Buckley, R., Putnis, S., dan Duffy, P.J., 2010. Adherence to perioperative antibiotic prophylaxis among orthopedic trauma patients. *Can J Surg*, **3**: 367–372.
- MacIntyre, N.J. dan Dewan, N., 2016. Epidemiology of distal radius fractures and factors predicting risk and prognosis. *Journal of Hand Therapy*, **29**: 136–145.

- Meinberg, E., Agel, J., Roberts, C., Karam, M., dan Kellam, J., 2018. Fracture and Dislocation Classification Compendium—2018: *Journal of Orthopaedic Trauma*, **32**: S1–S10.
- Mistry, V., Pandya, A., Chaudhari, J., Sondarva, D., Pillai, A., dan Hotchandani, S., 2013. Use of antimicrobial prophylaxis in clean elective orthopedic surgical procedures and identifying common infective organisms. *International Journal of Medical Science and Public Health*, **2**: 994.
- Najjar, P.A. dan Smink, D.S., 2015. Prophylactic Antibiotics and Prevention of Surgical Site Infections. *Surgical Clinics of North America*, **95**: 269–283.
- Noorisa, R., Apriliwati, D., Aziz, A., dan Bayusentono, S., 2019. The Characteristic Of Patients With Femoral Fracture In Department Of Orthopaedic And Traumatology RSUD Dr. Soetomo Surabaya 2013 – 2016. (*JOINTS*) *Journal Orthopaedi and Traumatology Surabaya*, **6**: 1.
- Oryan, A., Monazzah, S., dan Bigham-Sadegh, A., 2015. Bone Injury and Fracture Healing Biology. *Biomedical and Environmental Sciences*, **28**: 57–71.
- Owens, C.D. dan Stoessel, K., 2008. Surgical site infections: epidemiology, microbiology and prevention. *Journal of Hospital Infection*, **70**: 3–10.
- Pathak, A., Saliba, E.A., Sharma, S., Mahadik, V.K., Shah, H., dan Lundborg, C.S., 2014. Incidence and factors associated with surgical site infections in a teaching hospital in Ujjain, India. *American Journal of Infection Control*, **42**: e11–e15.
- Ridwan, U.N., Pattihah, A.M., dan Selomo, P.A.M., 2019. Karakteristik Kasus Fraktur Ekstremitas Bawah di Rumah Sakit Umum Daerah Dr H Chasan Boesoirie Ternate Tahun 2018. *Kieraha MEDical Journal*, **1**: 9–15.
- Rivai, F., Koentjoro, T., dan Utarini, A., 2013. Determinan Infeksi Luka Operasi Pascabedah Sesar. *Kesmas: National Public Health Journal*, **8**: 235.
- Sagaran, V.C., Manjas, M., dan Rasyid, R., 2017. Distribusi Fraktur Femur Yang Dirawat Di Rumah Sakit Dr.M.Djamil, Padang (2010-2012). *Jurnal Kesehatan Andalas*, **6**: 586–589.
- Salkind, A.R. dan Rao, K.C., 2011. Antibiotic Prophylaxis to Prevent. *American Family Physician*, **83**: 6.
- Sari, N.K.D.D. dan Asmara, A.A.G.Y., 2020. Gambaran prevalensi fraktur humerus di Rumah Sakit Umum Pusat (RSUP) Sanglah, Bali, Indonesia periode tahun 2015-2016. *Intisari Sains Medis*, **11**: 194.

- Singh, R., Singla, P., dan Chaudhary, U., 2014. Surgical Site Infections: Classification, Risk factors, Pathogenesis and Preventive Management. *International Journal of Pharma Research and Health Sciences*, **2**: 203–214.
- Trampuz, A. dan Widmer, A.F., 2006. Infections associated with orthopedic implants: *Current Opinion in Infectious Diseases*, **19**: 349–356.
- Trevor, A.J., Trevor, Kruidering-Hall, M., dan Katzung, B.G., 2015. *Katzung & Trevor's Pharmacology: Examination & Board Review*.
- Trionfo, A., Cavanaugh, P.K., dan Herman, M.J., 2016. Pediatric Open Fractures. *Orthopedic Clinics of North America*, **47**: 565–578.
- Vestergaard, P., Rejnmark, L., dan Mosekilde, L., 2009. Hypertension Is a Risk Factor for Fractures. *Calcified Tissue International*, **84**: 103–111.
- Wang, Hui, Pei, H., Chen, M., dan Wang, He, 2018. Incidence and predictors of surgical site infection after ORIF in calcaneus fractures, a retrospective cohort study. *Journal of Orthopaedic Surgery and Research*, **13**: 293.
- Wells, B.G., DiPiro, J.T., Schwinghammer, T.L., DiPiro, C.V., dan McGraw-Hill Education, 2017. *Pharmacotherapy Handbook*. McGraw-Hill Education, New York.
- Whitehouse, J.D., Friedman, N.D., Kirkland, K.B., Richardson, W.J., dan Sexton, D.J., 2002. The Impact of Surgical-Site Infections Following Orthopedic Surgery at a Community Hospital and a University Hospital Adverse Quality of Life, Excess Length of Stay, and Extra Cost. *Infection Control & Hospital Epidemiology*, **23**: 183–189.
- WHO, 2016. *Global Guidelines for the Prevention of Surgical Site Infection*.
- Yeoh, C.J.C. dan Fazal, M.A., 2014. ASA Grade and Elderly Patients With Femoral Neck Fracture. *Geriatric Orthopaedic Surgery & Rehabilitation*, **5**: 195–199.
- Zeller, V., Durand, F., Kitzi, M.-D., Lhotellier, L., Ziza, J.-M., Mamoudy, P., dkk., 2009. Continuous Cefazolin Infusion To Treat Bone and Joint Infections: Clinical Efficacy, Feasibility, Safety, and Serum and Bone Concentrations. *Antimicrobial Agents and Chemotherapy*, **53**: 883–887.