

DAFTAR PUSTAKA

1. Meara JG, Leather AJM, Hagander L, Alkire BC, Alonso N, Ameh EA, et al. Global Surgery 2030: Evidence and solutions for achieving health, welfare, and economic development. *The Lancet*. Lancet Publishing Group; 2015. p. 569–624.
2. Chusnul Hudia P, Anggraini RB, Permatasari I. Faktor-Faktor yang Berhubungan dengan Tingkat Kecemasan Pasien Pre-Operasi Elektif di Ruang Rawat Inap Bedah [Internet].
3. Global guidelines for the prevention of surgical site infection. World Health Organization; 2018. 184 p.
4. Kareem DrMHA, Al-Fahad DrO, Ismael DrMK. Prophylactic antibiotic in general surgery. *International Journal of Surgery Science*. 2021 Jan 1;5(1):11–4.
5. Kementrian Kesehatan RI 2017. Profil Kesehatan Indonesia Tahun 2016. 2016.
6. Jahangir F, Okhovati M, Moameri H, Haghdooost A. Incidence and risk factors of surgical site infection in abdominal surgeries: A scoping review of cohort and case–control studies [Internet]. 2023.
7. Alkaaki A, Al-Radi OO, Khoja A, Alnawawi A, Alnawawi A, Maghrabi A, et al. Surgical site infection following abdominal surgery: A prospective cohort study. *Canadian Journal of Surgery*. 2019 Apr 1;62(2):111–7.
8. Bhangu A, Ademuyiwa AO, Aguilera ML, Alexander P, Al-Saqqa SW, Borda-Luque G, et al. Surgical site infection after gastrointestinal surgery in high-income, middle-income, and low-income countries: a prospective, international, multicentre cohort study. *Lancet Infect Dis*. 2018 May 1;18(5):516–25.
9. Gouvêa M, Novaes C de O, Iglesias AC. Assessment of antibiotic prophylaxis in surgical patients at the Gaffrée e Guinle University Hospital. *Rev Col Bras Cir*. 2016 Jul 1;43(4):225–34.
10. Baraka MA, Alboghdadly A, Alshawwa S, Elnour AA, Alsultan H, Alsalman T, et al. Perspectives of healthcare professionals regarding factors associated

with antimicrobial resistance (Amr) and their consequences: A cross sectional study in eastern province of Saudi Arabia. *Antibiotics*. 2021 Jul 1;10(7).

11. Gouvêa M, Novaes C de O, Pereira DMT, Iglesias AC. Adherence to guidelines for surgical antibiotic prophylaxis: A review. *Brazilian Journal of Infectious Diseases*. Elsevier Editora Ltda; 2015. p. 517–24.
12. Bratzler DW, Dellinger EP, Olsen KM, Perl TM, Auwaerter PG, Bolon MK, et al. Clinical practice guidelines for antimicrobial prophylaxis in surgery. *American Journal of Health-System Pharmacy*. 2013 Feb 1;70(3):195–283.
13. Ling ML, Apisarnthanarak A, Abbas A, Morikane K, Lee KY, Warrier A, et al. Asia Pacific Society of Infection Control SSI Prevention guideline. 2018.
14. Puspitasari I, Asdie R. *Prinsip dan Praktik Penggunaan Antimikroba*. Gajah Mada University Press; 2025.
15. Barchitta M, Maugeri A, La Rosa MC, La Mastra C, Murolo G, Agodi A. Three-year trends of healthcare-associated infections and antibiotic use in acute care hospitals: Findings from 2016–2018 point prevalence surveys in Sicily, Italy. *Antibiotics*. 2021 Jan 1;10(1):1–11.
16. Khan Z, Ahmed N, Zafar S, Rehman AU, Khan FU, Saqlain M, et al. Audit of antibiotic prophylaxis and adherence of surgeons to standard guidelines in common abdominal surgical procedures. *Eastern Mediterranean Health Journal*. 2020 Sep 1;26(9):1052–61.
17. Marni H, Djanas D, Bachtiar H. The Effect of Giving Prophylactic Antibiotic Ceftriaxone and Cefazolin and Giving Ceftriaxone Before and After Surgery to The Risk of Postoperative Wound Infection in Postoperative Patients. *Andalas Obstetrics and Gynecology Journal [Internet]*. 2020;4(1):77–86.
18. European Centre for Disease Prevention and Control. Surveillance of surgical site infections in European hospitals-HAISSE protocol [Internet]. 2012.
19. Rezaei AR, Zienkiewicz D, Rezaei AR. Surgical site infections: a comprehensive review. *Journal of Trauma and Injury. The Korean Society of Traumatology*; 2025. p. 71–81.
20. McFarland AM, Manoukian S, Mason H, Reilly JS. Impact of surgical-site infection on health utility values: a meta-analysis. *British Journal of Surgery*. Oxford University Press; 2023. p. 942–9.

21. Marwati T, Subiyanto AA, Mardikanto T, Wibowo M, Qomariyah N. The Impact of Surgical Site Infection to the Health Care Cost. *International Journal of Public Health Science (IJPHS)*. 2016;5(2):129–33.
22. Pereira JQ, Silva MT, Galvão TF. Use of antibiotics by adults: A population-based cross-sectional study. *Sao Paulo Medical Journal*. 2018 Sep 1;136(5):407–13.
23. Shifa Begum, Tofa Begum, Naziza Rahman, Ruhul A. Khan. A review on antibiotic resistance and way of combating antimicrobial resistance. *GSC Biological and Pharmaceutical Sciences*. 2021 Feb 28;14(2):087–97.
24. Hauser AR. *Antibiotic Basics for Clinicians Second Edition*. Chicago; 2018.
25. Hauser AR. *Antibiotic basics for clinicians : the ABCs of choosing the right antibacterial agent*. Wolters Kluwer; 2019. 319 p.
26. Aghapour Z, Gholizadeh P, Ganbarov K, Bialvaei AZ, Mahmood SS, Tanomand A, et al. Molecular mechanisms related to colistin resistance in enterobacteriaceae. *Infection and Drug Resistance*. Dove Medical Press Ltd.; 2019. p. 965–75.
27. Miller WR, Bayer AS, Arias CA. Mechanism of action and resistance to daptomycin in *Staphylococcus aureus* and enterococci. *Cold Spring Harb Perspect Med*. 2016 Nov 1;6(11).
28. McGuinness WA, Malachowa N, Deleo FR. Vancomycin Resistance in *Staphylococcus aureus*. *Yale Journal of Biology and Medicine*. 2017;90:269–81.
29. Anggita D, Nuraisyah S, Wiriansya EP. Mekanisme Kerja Antibiotik. *UMI Medical Journal*. 2022.
30. Kementerian Kesehatan Republik Indonesia. Peraturan Menteri Kesehatan Republik Indonesia Nomor 28 Tahun 2021 Tentang Pedoman Penggunaan Antibiotik. 2021.
31. Pancu DF, Scurtu A, Macasoi IG, Marti D, Mioc M, Soica C, et al. Antibiotics: Conventional therapy and natural compounds with antibacterial activity-a pharmaco-toxicological screening. *Antibiotics*. 2021 Apr 1;10(4).
32. Halawa EM, Fadel M, Al-Rabia MW, Behairy A, Nouh NA, Abdo M, et al. Antibiotic action and resistance: updated review of mechanisms, spread,

influencing factors, and alternative approaches for combating resistance. *Frontiers in Pharmacology*. Frontiers Media SA; 2023.

33. Belay WY, Getachew M, Tegegne BA, Teffera ZH, Dagne A, Zeleke TK, et al. Mechanism of antibacterial resistance, strategies and next-generation antimicrobials to contain antimicrobial resistance: a review. *Frontiers in Pharmacology*. Frontiers Media SA; 2024.
34. Eyler RF, Shvets K. Clinical pharmacology of antibiotics. *Clinical Journal of the American Society of Nephrology*. 2019 Jul 1;14(7):1080–90.
35. Etebu E, Ariekpar I. Antibiotics: Classification and mechanisms of action with emphasis on molecular perspectives [Internet]. 2016.
36. National Center for Biotechnology Information. PubChem Compound Summary for CID 5959, Chloramphenicol. 2025.
37. Syroegin EA, Flemmich L, Klepacki D, Vazquez-Laslop N, Micura R, Polikanov YS. Structural basis for the context-specific action of the classic peptidyl transferase inhibitor chloramphenicol. *Nat Struct Mol Biol*. 2022 Feb 1;29(2):152–61.
38. Brodersen DE, Clemons WM, Carter AP, Morgan-Warren RJ, Wimberly BT, Ramakrishnan V. The Structural Basis for the Action of the Antibiotics Tetracycline, Pactamycin, and Hygromycin B on the 30S Ribosomal Subunit until re. *Cell*. However; 2000.
39. Menteri Kesehatan Republik Indonesia. Peraturan Menteri Kesehatan Republik Indonesia Nomor 27 Tahun 2017 Tentang Pedoman Pencegahan dan Pengendalian Infeksi di Fasilitas Pelayanan Kesehatan. 2017.
40. Dippiro JT, Yee GC, Haines ST, Nolin TD, Ellingrod VL, Posey LM. *Dippiro's Pharmacotherapy a Pathophysiologic Approach* 12th Edition. 2023.
41. Freitas ACT de, Ferraz ÁAB, Barchi LC, Boin I de FSF. Antibiotic Prophylaxis for Abdominal Surgery: When to Recommend? Brazilian College Of Digestive Surgery Position Paper. *Arquivos Brasileiros de Cirurgia Digestiva*. 2023;36.
42. Arora R. Note on Surgical Procedures and its Classifications. *Journal of Contemporary Medical Education*. 2022.
43. Kalra A, Wehrle CJ, Tuma F. Treasure Island (FL): StatPearls Publishing. 2023. *Anatomy, Abdomen and Pelvis, Peritoneum*.

44. Alkhalifah HA, Aljehani KM, Algethami SR, Alyahya SA, Alzubide AA, Alharbi RM, et al. Surgical and Pre-surgical Factors Affecting Appendectomy Outcomes in Jeddah, Saudi Arabia: A Retrospective Record Review. *Cureus*. 2024 Jun 23.
45. Vipadapu P, Gillani SW, Thomas D, Ahmed F, Gulam SM, Mahmood RK, et al. Choice of Antimicrobials in Surgical Prophylaxis - Overuse and Surgical Site Infection Outcomes from a Tertiary-Level Care Hospital. *Front Pharmacol*. 2022 Apr 11;13.
46. Herawati F, Yulia R, Hak E, Hartono AH, Michiels T, Woerdenbag HJ, et al. A Retrospective Surveillance of the Antibiotics Prophylactic Use of Surgical Procedures in Private Hospitals in Indonesia. *Hosp Pharm*. 2019 Oct 1;54(5):323–9.
47. Turk E, Karagulle E, Serefhanoglu K, Turan H, Moray G. Effect of cefazolin prophylaxis on postoperative infectious complications in elective laparoscopic cholecystectomy: A prospective randomized study. *Iran Red Crescent Med J*. 2013;15(7):581–6.
48. Samson Medical Technologies LLC. DailyMed, U.S. National Library of Medicine. 2020. Cefazolin for Injection, USP.
49. DailyMed. National Library of Medicine. 2024. Ceftriaxone Injections.
50. Diamantis S, Retur N, Bertrand B, Lieutier-colas F, Carencio P, Mondain V. The Production of Antibiotics Must Be Reoriented: Repositioning Old Narrow-Spectrum Antibiotics, Developing New Microbiome-Sparing Antibiotics. *Antibiotics*. 2022 Jul 1;11(7).
51. Alm RA, Lahiri SD. Narrow-spectrum antibacterial agents—benefits and challenges. *Antibiotics*. MDPI AG; 2020. p. 1–8.
52. Syamsi N. Studi Penggunaan Antibiotik Profilaksis pada Pasien Bedah Gastrointestinal. *Jurnal Kesehatan Tadulako*. 2018 May;4 No. 2:1–63.
53. Fitriatiara D, Puspitasari I, Nuryastuti T. Evaluasi Kesesuaian Penggunaan Antibiotik Profilaksis Terhadap Kejadian Infeksi Luka Operasi Pada Pasien Bedah Digestif di Salah Satu Rumah Sakit Tipe B Kabupaten Sleman. *Majalah Farmaseutik*. 2022 Apr 5;18(2).
54. Harartasyahrani RA, Simamora S. EVALUASI PENGGUNAAN ANTIBIOTIK PROFILAKSIS PADA PASIEN BEDAH KATEGORI

HIGHLY RECOMMENDED DI RUMAH SAKIT “X” KOTA PRABUMULIH. Jurnal Muara Sains, Teknologi, Kedokteran dan Ilmu Kesehatan. 2021 May 4;5(1):121.

55. Rahmadinna S, Wicaksono IA, Puspita F, Zainuddin HM. Evaluasi Penggunaan Antibiotik Profilaksis pada Pasien Bedah Obstetri dan Ginekologi di Salah Satu Rumah Sakit Kota Bandung pada Bulan September 2023. Indonesian Journal of Clinical Pharmacy. 2023 Dec 31;12(3).
56. Lie SA, Lee KYA, Goh MH, Harikrishnan S, Poopalalingam R. Achieving 100 percent compliance to perioperative antibiotic administration: A quality improvement initiative. Singapore Med J. 2019 Mar 1;60(3):130–5.
57. Navalyal SR, Kumar H PK, Hoogar P, Mankani LK, Professor A. Effectiveness Of Preoperative Antibiotic Prophylaxis Timing in Reducing Surgical Site Infections: A Prospective Observational Study. Journal of Neonatal Surgery ISSN [Internet]. 2024.
58. Kim M, Romoff M, Beyer R, Tse E, Wu H, Park D, Lee Y, et al. Cefazolin Prophylaxis is Associated with Lower Surgical Site Infection Risk Than Vancomycin Following Elective Spine Surgery. North American Spine Society Journal. 2026 Mar 1;25.
59. Wibowo R. The Incidence of Surgical Site Infection and the Implementation of Prophylactic Antibiotic Use in General Surgery Patients Citation. Research Horizon. 2026;6(2):873 – 890.
60. Maraolo A, Nobile M, Gentile I. Ceftriaxone for Methicillin-susceptible Staphylococcus aureus Bloodstream Infections is Associated with Increased Short-term Mortality: A Systematic Review and Meta-analysis. Annals of Medicine. 2026;58(1).
61. Naz A, Ameen T, Khalid F, Raheem A, Abbasi M, Ali S, et al. A Systematic Review and Meta-analysis of Ceftriaxone versus Standard Therapy for Methicillin-susceptible Staphylococcus aureus Bacteremia. International Journal of Medical Science and Public Health. 2026;12(1):13.
62. Pechak O, Bielka K, Yevstifeiev D, Yanitska L. Longitudinal analysis of Antimicrobial Consumption and Economic Outcomes of Surgical Prophylaxis Stewardship in a Wartime Ukrainian Maternity Hospital. Antimicrobial Stewardship and Healthcare Epidemiology. 2026 Apr 1;6.