

DAFTAR PUSTAKA

- Adnan, S., Paterson, D.L., Lipman, J., dan Roberts, J.A., 2013. Ampicillin/sulbactam: Its potential use in treating infections in critically ill patients. *International Journal of Antimicrobial Agents*. 42(5):384-9 . URL: <https://www.sciencedirect.com/science/article/abs/pii/S0924857913002719?via%3Dihub>
- Alahdal, A.M. dan Elberry, A.A., 2012. Evaluation of applying drug dose adjustment by physicians in patients with renal impairment. *Saudi Pharmaceutical Journal*, 20: 217–220. URL: <http://www.sciencedirect.com/science/article/pii/S1319016411001162>
- Allredge, B. K., Corelli, R. dan L., Ernts, M. E., Gugliemo, B. J., Jacobson, P. A. , Kradjan, W. A., D. (Editor), 2013. *Applied Therapeutics: The Clinical Use of Drugs*, 10th ed. Wolters Kluwer/Lippincort William & Wilkins, Philadelphia.
- American Pharmacist Association dan Lexi-Comp.Inc, 2014. *Drug Information Handbook*, 23rd Editi. ed. Hudson, Ohio : Lexi-Comp, [2014] ©2014
- AphA's, 2015. *Drugs Information Handbook*, 24th ed. Lexicomp, United State
- Avent, M.L., Rogers, B.A., Cheng, A.C., dan Paterson, D.L., 2011. Current use of aminoglycosides : indications , pharmacokinetics 41: 441–449. URL: <https://onlinelibrary.wiley.com/doi/full/10.1111/j.1445-5994.2011.02452.x>
- Baddour, Larry M.MD, FAHA, C., Walter R. Wilson, M., Arnold S. Bayer, M., Vance G. Fowler, Jr, MD, M., Imad M. Tleyjeh, MD, MSc; Michael J. Rybak, PharmD, M., Bruno Barsic, MD, P., dkk., 2015. Infective Endocarditis in Adults: Diagnosis, Antimicrobial Therapy, and Management of Complications. *AHA Scientific Statement Infective*, 132: 1435–1486.
- Bartal, C., Danon, A., Schlaeffer, F., Reisenberg, K., Alkan, M., Smoliakov, R., dkk., 2003. Pharmacokinetic dosing of aminoglycosides: a controlled trial. *The American Journal of Medicine*, 114: 194–198. URL: [https://www.amjmed.com/article/S0002-9343\(02\)01476-6/fulltext](https://www.amjmed.com/article/S0002-9343(02)01476-6/fulltext)
- Bauer, L.A., 2008. *Applied Clinical Pharmacokinetics*, 2nd Editio. ed. Mc Graw-Hill Medical.
- Beveridge, L.A., Davey, P.G., Phillips, G., dan Mcmurdo, M.E.T., 2011. Optimal Management of Urinary Tract Infections in Older People. *Clinical Interventions in Aging* 2, 173–180. URL:

<https://pubmed.ncbi.nlm.nih.gov/21753872/>

Bliziotis, I.A., Samonis, G., Vardakas, K.Z., Chrysanthopoulou, S., dan Falagas, M.E., 2005. Effect of Aminoglycoside and β -Lactam Combination Therapy versus β -Lactam Monotherapy on the Emergence of Antimicrobial Resistance : A Meta-analysis of Randomized , Controlled Trials 149–158.

Chandra, A., Dhar, P., Dharap, S., Goel, A., Gupta, R., Hardikar, J. V., dkk., 2008. Cefoperazone-Sulbactam for Treatment of Intra-Abdominal Infections: Results from a Randomized, Parallel Group Study in India. *Surgical Infections*, 9: 367–376. URL: https://zeltronpharma.com/build1/admin/assets/uploads/CEFOCRATE-S_.pdf

Contreras, A.M., Ramírez, M., Cueva, L., Alvarez, S., de Loza, R., dan Gamba, G., 1994. Low serum albumin and the increased risk of amikacin nephrotoxicity. *Revista De Investigacion Clinica; Organo Del Hospital De Enfermedades De La Nutricion*, 46: 37–43. URL: https://www.researchgate.net/profile/Gerardo-Gamba/publication/15120311_Low_serum_albumin_and_the_increased_risk_of_amikacin_nephrotoxicity/links/55d32c3208aec1b0429f2fde/Low-serum-albumin-and-the-increased-risk-of-amikacin-nephrotoxicity.pdf

Clayton, W. dan Elasy, T.A., 2009. A Review of the Pathophysiology, Classification, and Treatment of Foot Ulcers in Diabetic Patients 27: 52–58. URL: https://clinical.diabetesjournals.org/content/27/2/52?utm_source=TrendMD&utm_medium=cpc&utm_campaign=Clin_Diabetes_TrendMD_0

Dinh, T. dan Veves, A., 2008. The influence of gender as a risk factor in diabetic foot ulceration. *Wounds: A Compendium of Clinical Research and Practice*, 20: 127–131. URL: <https://pubmed.ncbi.nlm.nih.gov/25942414/>

Endriastuti, N.E., 2014. 'Hasil Evaluasi Pendosisan Gentamisin Pada Pasien Pneumonia Berat di Bangsal Anak Rawat Inap RSUP DR. Sardjito Yogyakarta',. Universitas Gadjah Mada.

Falagas, M.E., Mourtzoukou, E.G., dan Vardakas, K.Z., 2007. Sex differences in the incidence and severity of respiratory tract infections. *Respiratory Medicine*, 101: 1845–1863. URL: <https://www.sciencedirect.com/science/article/pii/S0954611107001527>

Finch, R.G., Greenwood, D., Norrby, S.R., dan Whitley, R.J., 2010. Antibiotic and Chemotherapy, NINTH EDIT. ed. Saunders Elsevier, Edinburgh, London,

New York, Philadelphia, St Louis Sydney Toronto.

Fleischmann, C., Scherag, A., Adhikari, N.K.J., Hartog, C.S., Tsaganos, T., Schlattmann, P., dkk., 2015. Assessment of Global Incidence and Mortality of Hospital-Treated Sepsis – Current Estimates and Limitations. 193(3):259-72. URL: <https://pubmed.ncbi.nlm.nih.gov/26414292/>

Fraisse, T., , Claudine Gras Aygon , Marc Paccalin, V.V., Wazieres, B. De, Veronique Baudoux, C.L., , Aurelie Vicens, A.S., Pagani, L., dkk., 2014. Aminoglycosides use in patients over 75 years old. Published by Oxford University Press on behalf of the British Geriatrics Society, 676–681. URL: <https://academic.oup.com/ageing/article/43/5/676/471117?login=true>

François, P., Bernier-Jean, A., Brunette, V., Ammann, H., Lavergne, V., Pichette, V., dkk., 2015. Kidney Injury and Renal Recovery with the Use of Aminoglycosides: A Large Retrospective Study 131: 153–160. URL: <https://www.karger.com/Article/Abstract/440867>

Gamba, G., Contreras, A.M., Cortés, J., Nares, F., Santiago, Y., Espinosa, A., dkk., 1990. Hypoalbuminemia as a risk factor for amikacin nephrotoxicity. Revista De Investigacion Clinica; Organo Del Hospital De Enfermedades De La Nutricion, 42: 204–209. URL: <https://europepmc.org/article/med/2270367>

Goodlet, K.J., Benhalima, F.Z., dan Nailorb, M.D., 2019. A Systematic Review of Single-Dose Aminoglycoside Therapy for Urinary Tract Infection: Is It Time To Resurrect an Old Strategy. Antimicrob Agents Chemother 63:e02165-18, 63: 1–9. URL: <https://journals.asm.org/doi/full/10.1128/AAC.02165-18>

Hakim, L., 2012. Farmakokinetik Klinik. Bursa Ilmu.

Hallander, H., Dornbusch, K., Gezelius, L., dan Jacobson, K., 1982. Synergism Between Aminoglycosides and Cephalosporins with Antipseudomonal Activity: Interaction Index and Killing Curve Method. Antimicrobial Agents And Chemotherapy, 22: 743–752. URL: <https://journals.asm.org/doi/abs/10.1128/aac.22.5.743>

Humes, H.D., Harrinoton, J.T., dan Kassirer, J.P., 1988. Aminoglycoside nephrotoxicity. Kidney International, 33: 900–911. URL: <https://core.ac.uk/download/pdf/82177291.pdf>

John Hopkin Medicine, 2015. Antibiotic Guidelines 2015-2016. The Johns Hopkins Hospital Antimicrobial Stewardship Program, Osler.

Kang, J.-S. dan Lee, M.-H., 2009. Overview of Therapeutic Drug Monitoring. The Korean journal of internal medicine, 24: 1- 10. URL: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2687654/>

Kalil, A.C., Metersky, M.L., Klompas, M., Muscedere, J., Sweeney, D.A., Palmer, L.B., dkk., 2016. Management of Adults With Hospital-acquired and Ventilator-associated Pneumonia : 2016 Clinical Practice Guidelines by the Infectious Diseases Society of America and the American Thoracic Society. Clinical Infectious Diseases®, 63: 61–111. URL: <https://www.thoracic.org/statements/resources/tb-opi/hap-vap-guidelines-2016.pdf>

Karsch-völk, M., Schmid, E., Wagenpfeil, S., Linde, K., Heemann, U., dan Schneider, A., 2013. Kidney function and clinical recommendations of drug dose adjustment in geriatric patients. URL: <https://link.springer.com/article/10.1186/1471-2318-13-92>

Katona, P. dan Katona-apte, J., 2008. The Interaction between Nutrition and Infection. Clinical Infectious Diseases, 46: 1582–8. URL: <https://academic.oup.com/cid/article/46/10/1582/294025?login=true>

Katzung, B.G., 2004. Basic & Clinical Pharmacology. Lange Medical Books/McGraw Hill.

Kementerian Kesehatan Republik Indonesia., 2011. Pedoman Interpretasi Data Klinik.

Kementerian Kesehatan Republik Indonesia, 2011. Pedoman Umum Penggunaan Antibiotik.

Koo, J., Tight, R., Rajkumar, V., Hawa, Z., dan Dakota, N., 1996. Comparison of Once-Daily versus Pharmacokinetic Dosing of Aminoglycosides in Elderly Patients. The American Journal of Medicine, 9343: 177–183. URL: <https://www.sciencedirect.com/science/article/abs/pii/S000293439680074X>

Le, T. dan Bayer, A.S., 2003. Combination Antibiotic Therapy for Infective

Endocarditis. *Clinical Infectious Diseases*, 90502: 615–621. URL: <https://academic.oup.com/cid/article/36/5/615/453766?login=true>

Levison, M.E. dan Levison, J.H., 2009. Pharmacokinetic s a nd Pharmacodynamic s of Antibac terial Agents 23: 791–815. URL: [https://www.id.theclinics.com/article/S0891-5520\(09\)00053-1/abstract](https://www.id.theclinics.com/article/S0891-5520(09)00053-1/abstract)

Li, J., Xie, S., Ahmed, S., Wang, F., Gu, Y., Zhang, C., dkk., 2017. Antimicrobial Activity and Resistance: Influencing Factors. *Frontiers in Pharmacology*, 8: 1–11. URL: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5468421/>

Lipsky, B.A., Berendt, A.R., Cornia, P.B., Pile, J.C., Peters, E.J.G., Armstrong, D.G., dkk., 2012. 2012 Infectious Diseases Society of America Clinical Practice Guideline for the Diagnosis and Treatment of Diabetic Foot Infections a 54: 132–173. URL: <http://publishingimages.s3.amazonaws.com/eZineImages/PracticePerfect/755/2012-IDSA-Practice-Guidelines-for-Diabetic-Foot-Infections.pdf>

Luna, C.M., Palma, I., Niederman, M.S., Membriani, E., Giovini, V., Wiemken, T.L., dkk., 2016. The Impact of Age and Comorbidities on the Mortality of Patients of Different Age Groups Admitted with Community-acquired Pneumonia. *Annals of the American Thoracic Society*, 13: 1519–1526. URL; <https://www.atsjournals.org/doi/pdf/10.1513/AnnalsATS.201512-848OC>

Mahmoudi, L., Niknam, R., Mousavi, S., Ahmadi, A., Honarmand, H., Ziaie, S., dkk., 2013. Optimal Aminoglycoside Therapy Following the Sepsis : How Much Is Too Much ? *Iranian Journal of Pharmaceutical Research* (2013), 12: 261–269. URL: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3813230/>

Maksum, R., Nurgani, A., Endang, P., Farmasi, J., Sains, I., Farmasi, D., dkk., 2004. Antibiotika Dengan Uji Kepekaan Di Ruang Intensif Rumah Sakit Fatmawati Jakarta Tahun 2001 – 2002. *Makara Kesehatan*, 8: 21–26.

Naughton, C.A., 2008. Drug-Induced Nephrotoxicity. *American Family Physician*, 78, Number: 743–750. URL: https://www.aafp.org/afp/2008/0915/p743.html?utm_source=yahoo&utm_medium=referral&utm_campaign=in-text-link

Neu, H.C., 1991. Synergy and Antagonism of Combinations with Quinolones.

Journal of Clinical Microbiology & Infectious Diseases, 10: 255–261. URL: <https://link.springer.com/article/10.1007/BF01966998>

Nicolle, L.E., 2005. Complicated urinary tract infection in adults. Can J Infect Dis Med Microbiol 2005, 16: 349–360. URL: <https://pubmed.ncbi.nlm.nih.gov/18159518/>

Nurrohwiata, E., 2014. 'Hasil Evaluasi Penggunaan Gentamisin Untuk Terapi Pneumonia Pada Pasien Geriatri Rawat Inap di Rumah Sakit DR. Sardjito Yogyakarta', . Universitas Gadjah Mada.

Oliveira, F.P., Silva, C.A., Barbieri, C.D., Oliveira, G.M., Zanetta, D.M.T., dan Burdmann, E.A., 2009. Prevalence and Risk Factors for Aminoglycoside Nephrotoxicity in Intensive Care Units □ 53: 2887–2891. URL: <https://journals.asm.org/doi/full/10.1128/AAC.01430-08>

Paterson, D.L., Robson, J.M.B., dan Wagener, M.M., 1998, Risk factors for toxicity in elderly patients given aminoglycosides once daily. Journal of General Internal Medicine, 13: 735–739. URL: <https://link.springer.com/article/10.1046/j.1525-1497.1998.00224.x>

Paul, M., Dickstein, Y., Schlesinger, A., dan Leibovici, L., 2013. Beta-lactam versus beta-lactam-aminoglycoside combination therapy in cancer patients with neutropenia (Review). URL: <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD003038.pub2/full>

Perazella, M.A., 2018. Pharmacology behind common drug nephrotoxicities. Clinical Journal of the American Society of Nephrology, 13: 1897–1908. URL: <https://cjasn.asnjournals.org/content/13/12/1897.short>

Permenkes, 2011. Pedoman Umum Penggunaan Antibiotik. Menteri Kesehatan Republik Indonesia, Jakarta.

Pramono, Z.D., 2020, Evaluasi Kesesuaian Dosis dan Clinical Outcome Amikasin dan Gentamisin di NICU (Neonatal Intensive Care Unit) RSUP DR. Sardjito Yogyakarta, Magister Farmasi Klinik, Universitas Gadjah Mada, Yogyakarta.

Pratiwi, T.A., 2018. Evaluasi Pendosisan Aminoglikosida Terhadap Efektivitas Dan Fungsi Ginjal Pada Pasien Dengan Gangguan Ginjal Kronis . Universitas

Gadjah Mada.

- Raveh, D., Kopyt, M., Hite, Y., Rudensky, B., Sonnenblick, M., dan A.M. YINNON, 2002. Risk factors for nephrotoxicity in elderly patients receiving once-daily aminoglycosides 291–297. URL: <https://academic.oup.com/qjmed/article/95/5/291/1503048?login=true>
- Rhodes, A., Evans, L.E., Alhazzani, W., Levy, M.M., Antonelli, M., Ferrer, R., dkk., 2017. Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. *Intensive Care Medicine*, 43: 304–377. URL: https://link.springer.com/article/10.1007/s00134-017-4683-6?source=content_type:react%7Cfirst_level_url:article%7Csection:main_content%7Cbutton:body_link
- Sandhu, J.S., Sehgal, A., Gupta, O., dan Singh, A., 2007. Aminoglycoside nephrotoxicity revisited. *Journal, Indian Academy of Clinical Medicine*, 8: 331– 333. URL: https://www.researchgate.net/profile/Jasvinder-Singh-Sandhu/publication/265783946_Aminoglycoside_Nephrotoxicity_Revisited/links/5442a9bc0cf2e6f0c0f935fd/Aminoglycoside-Nephrotoxicity-Revisited.pdf
- Schentag, J.J., Meagher, A.K., dan Jelliffe, R.W., 2006. Aminoglycoside, dalam: Bourne, D.Y.A. (Ed.), *Applied Pharmacokinetics & Pharmacodynamics*. Lippincott Williams & Wilkins, Philadelphia Pennsylvania, hal. 285–327.
- Semla, T.P., Beizer, J., dan Higbee, M.D., 2002. *Geriatric Dosage Handbook*, Seventh. ed. Lexi-Comp.
- Setiawan, E., Marpaung, F.R., Sukandar, E., Lukas, L., Wijono, H., Warindra, T., dkk., 2019. Kajian Narrative terhadap Profil Farmakokinetik Antibiotik pada Pasien Kritis : Implikasi terhadap Ketercapaian Target Narrative Study on Pharmacokinetics of Antibiotics among Critically Ill Patients: the Implication on the Pharmacokinetics-Pharmacodynam. *Pharmaceutical Sciences and Research (PSR)*, 6: 1–12. URL: <https://scholarhub.ui.ac.id/psr/vol6/iss1/1/>
- Shargel, L. dan Yu, A.B.C., n.d. *Applied Biopharmaceutics & Pharmacokinetics*.
- Simoens, S., 2011. Factors Affecting the Cost Effectiveness of Antibiotics. *Chemotherapy Research and Practice*, 2011: 1–6. URL: <https://downloads.hindawi.com/archive/2011/249867.pdf>

Soegijanto, S., 2010. Kumpulan Makalah Penyakit Tropis Dan Infeksi Di Indonesia, 8th ed. Airlangga University Press, Surabaya.

Sweetman, S.C., 2009. Martindale: The Complete Drug Reference, 36th ed. Pharmaceutical Press, London ;;Chicago.

Tamma, P.D., Cosgrove, S.E., dan Maragakis, L.L., 2012. Combination Therapy for Treatment of Infections with Gram-Negative Bacteria. *Clinical Microbiology Reviews*, 25: 450–470. URL: <https://journals.asm.org/doi/full/10.1128/CMR.05041-11>.

Tängdén, T., 2014. Combination antibiotic therapy for multidrug-resistant Gram-negative bacteria. *Journal of Medical Sciences*, 119: 149–153. URL: <https://www.tandfonline.com/doi/full/10.3109/03009734.2014.899279>

Turnidge, J., 2003. Pharmacodynamics and dosing of aminoglycosides 17: 503–528. nURL: https://www.researchgate.net/profile/John-Turnidge-2/publication/8929574_Pharmacodynamic_and_dosing_of_aminoglycosides/links/5ea7a59545851553fab5e874/Pharmacodynamic-and-dosing-of-aminoglycosides.pdf

Velissaris, D., Marangos, M., Karamouzos, V., Pierrakos, C., dan Karanikolas, M., 2014. Pharmacokinetic changes and dosing modification of aminoglycosides in critically ill obese patients: A literature review Pharmacokinetic Changes and Dosing Modification of. *Journal of Clinical Medicine Research*, 6,4: 227–233.

Wahyono, D., 2013. Farmakokinetik Klinik: Konsep Dasar Dan Terapan Dalam Farmasi Klinik. Gadjah Mada University Press, Yogyakarta.

Wargo, K.A. dan Edwards, J.D., 2014. Aminoglycoside-Induced Nephrotoxicity 27: 573–577. URL: <https://pubmed.ncbi.nlm.nih.gov/25199523/>

Weiskopf, D., Weinberger, B., dan Grubeck-loebenstein, B., 2009. The aging of the immune system 22: 1041–1050. URL: <https://onlinelibrary.wiley.com/doi/pdf/10.1111/j.1432-2277.2009.00927.x>

Wargo, K.A. dan Edwards, J.D., 2014. Aminoglycoside-Induced Nephrotoxicity 27: 573–577.