

## DAFTAR PUSTAKA

- Abdelkarim, O.A., Abubakar, U., Taha, L.O., Ashour, S.A., Abass, W.Y., Osman, E.M., Muslih, M.S., 2023. Impact of Irrational Use of Antibiotics Among Patients in the Intensive Care Unit on Clinical Outcomes in Sudan. *Infect Drug Resist* 16, 7209–7217. <https://doi.org/10.2147/IDR.S378645>
- Abeja, C.J., Niyonzima, V., Byagamy, J.P., Obua, C., 2022. Antibiotic prescription rationality and associated in-patient treatment outcomes in children under-five with severe pneumonia at Bwizibwera health center IV, Mbarara District, South-Western Uganda. *Pneumonia (Nathan)* 14, 3. <https://doi.org/10.1186/s41479-022-00095-0>
- Adbela, G., Abdurahman, H., Hailu, S., Keneni, M., Mohammed, A., Weldegebreal, F., 2024. Treatment outcome of pneumonia and its associated factors among pediatric patients admitted to Hiwot Fana Comprehensive Specialized University Hospital, Eastern Ethiopia. *Front Pediatr* 12, 1296193. <https://doi.org/10.3389/fped.2024.1296193>
- Ali, M., Avaïs, M., Naheed, R., Jamal, M.A., Hasni, M.S., Ahmad, M., Khan, M.A., Baloch, S., Khan, A.U., Khan, S., Aqib, A.I., 2022. Synergy in penicillin, cephalosporin, amphenicols, and aminoglycoside against MDR *S. aureus* isolated from Camel milk. *Braz. J. Pharm. Sci.* 58, e20324. <https://doi.org/10.1590/s2175-97902022e20324>
- Anand, N., Kollef, M.H., 2009. The alphabet soup of pneumonia: CAP, HAP, HCAP, NHAP, and VAP. *Semin Respir Crit Care Med* 30, 3–9. <https://doi.org/10.1055/s-0028-1119803>
- Antonius H. Pudjiadi, Badriul Hegar, Setyo Handriyastuti, Nikmah Salamia Idris, Ellen P. Gandaputra, Eva Devita Harmoniati (Eds.), 2009. *Pedoman Pelayanan Medis Ikatan Dokter Anak Indonesia*. Ikatan Dokter Anak Indonesia.
- Australian Commission on Safety and Quality in Health Care, 2020. *Antimicrobial Stewardship Clinical Care Standard*.
- Breijyeh, Z., Jubeh, B., Karaman, R., 2020. Resistance of Gram-Negative Bacteria to Current Antibacterial Agents and Approaches to Resolve It. *Molecules* 25, 1340. <https://doi.org/10.3390/molecules25061340>
- Calhoun, C., Wermuth, H.R., Hall, G.A., 2022. *Antibiotics*, in: StatPearls. StatPearls Publishing, Treasure Island (FL).
- Chin, K.W., Michelle Tiong, H.L., Luang-In, V., Ma, N.L., 2023. An overview of antibiotic and antibiotic resistance. *Environmental Advances* 11, 100331. <https://doi.org/10.1016/j.envadv.2022.100331>
- Chou, C.-C., Shen, C.-F., Chen, S.-J., Chen, H.-M., Wang, Y.-C., Chang, W.-S., Chang, Y.-T., Chen, W.-Y., Huang, C.-Y., Kuo, C.-C., Li, M.-C., Lin, J.-F.,

- Lin, S.-P., Ting, S.-W., Weng, T.-C., Wu, P.-S., Wu, U.-I., Lin, P.-C., Lee, S.S.-J., Chen, Y.-S., Liu, Y.-C., Chuang, Y.-C., Yu, C.-J., Huang, L.-M., Lin, M.-C., Infectious Diseases Society of Taiwan;, Taiwan Society of Pulmonary and Critical Care Medicine, Medical Foundation in Memory of Dr. Deh-Lin Cheng;, Foundation of Professor Wei-Chuan Hsieh for Infectious Diseases Research and Education;, CY Lee's Research Foundation for Pediatric Infectious Diseases and Vaccines;, 4th Guidelines Recommendations for Evidence-based Antimicrobial agents use in Taiwan (GREAT) working group, 2019. Recommendations and guidelines for the treatment of pneumonia in Taiwan. *J Microbiol Immunol Infect* 52, 172–199. <https://doi.org/10.1016/j.jmii.2018.11.004>
- Corica, B., Tartaglia, F., D'Amico, T., Romiti, G.F., Cangemi, R., 2022. Sex and gender differences in community-acquired pneumonia. *Intern Emerg Med* 17, 1575–1588. <https://doi.org/10.1007/s11739-022-02999-7>
- Corrado, R.E., Lee, D., Lucero, D.E., Varma, J.K., Vora, N.M., 2017. Burden of Adult Community-acquired, Health-care-Associated, Hospital-Acquired, and Ventilator-Associated Pneumonia: New York City, 2010 to 2014. *Chest* 152, 930–942. <https://doi.org/10.1016/j.chest.2017.04.162>
- Das, J.K., Lassi, Z.S., Salam, R.A., Bhutta, Z.A., 2013. Effect of community based interventions on childhood diarrhea and pneumonia: uptake of treatment modalities and impact on mortality. *BMC Public Health* 13 Suppl 3, S29. <https://doi.org/10.1186/1471-2458-13-S3-S29>
- Dias, S.P., Brouwer, M.C., van de Beek, D., 2022. Sex and Gender Differences in Bacterial Infections. *Infect Immun* 90, e00283-22. <https://doi.org/10.1128/iai.00283-22>
- Dinas Kesehatan Kota Yogyakarta, 2022. Profil Kesehatan Kota Yogyakarta Tahun 2022.
- Dominelli, P.B., Molgat-Seon, Y., 2022. Sex, gender and the pulmonary physiology of exercise. *European Respiratory Review* 31. <https://doi.org/10.1183/16000617.0074-2021>
- Dubreuil, L., Veloo, A.C., Sóki, J., 2021. Correlation between antibiotic resistance and clinical outcome of anaerobic infections; mini-review. *Anaerobe* 72, 102463. <https://doi.org/10.1016/j.anaerobe.2021.102463>
- Ebeledike, C., Ahmad, T., 2022. Pediatric Pneumonia, in: StatPearls. StatPearls Publishing, Treasure Island (FL).
- Ellen Crame, Michael D Shields, Patrick McCrossan, 2021. Paediatric pneumonia: a guide to diagnosis, investigation and treatment. Elsevier.
- Eman Shebl, Peter G. Gulick, 2022. Nosocomial Pneumonia - StatPearls - NCBI Bookshelf [WWW Document]. URL <https://www.ncbi.nlm.nih.gov/books/NBK535441/#> (accessed 3.12.23).

- Erlichman, I., Breuer, O., Shoseyov, D., Cohen-Cymberknoh, M., Koplewitz, B., Averbuch, D., Erlichman, M., Picard, E., Kerem, E., 2017. Complicated community acquired pneumonia in childhood: Different types, clinical course, and outcome. *Pediatr Pulmonol* 52, 247–254. <https://doi.org/10.1002/ppul.23523>
- Faghihi, T., Tekmehdash, L.Y., Radfar, M., Gholami, K., 2017. Ciprofloxacin Use in Hospitalized Children: Approved or Off-label? *J Res Pharm Pract* 6, 193–198. [https://doi.org/10.4103/jrpp.JRPP\\_17\\_27](https://doi.org/10.4103/jrpp.JRPP_17_27)
- Fiqridiyanto, A., Rachmi, E., Muhyi, A., 2024. Correlation between nutritional status, leukocyte levels, and neutrophil-lymphocyte ratio to the incidence of respiratory failure in children under five years of age with pneumonia at Abdoel Wahab Sjahranie Hospital, Samarinda. *PEDSCIJ* 5, 1–6. <https://doi.org/10.51559/pedscij.v5i1.63>
- Fortin, E., Fontela, P.S., Manges, A.R., Platt, R.W., Buckeridge, D.L., Quach, C., 2014. Measuring antimicrobial use in hospitalized patients: a systematic review of available measures applicable to paediatrics. *J Antimicrob Chemother* 69, 1447–1456. <https://doi.org/10.1093/jac/dku003>
- Ginsburg, A.S., May, S., Nkwopara, E., Ambler, G., McCollum, E.D., Mvalo, T., Phiri, A., Lufesi, N., 2019. Clinical Outcomes of Pneumonia and Other Comorbidities in Children Aged 2-59 Months in Lilongwe, Malawi: Protocol for the Prospective Observational Study “Innovative Treatments in Pneumonia.” *JMIR Res Protoc* 8, e13377. <https://doi.org/10.2196/13377>
- Gondane, A.A., Pawar, D.B., 2023. Activity of cefotaxime versus ceftriaxone against pathogens isolated from various systemic infections: A prospective, multicenter, comparative, *in vitro* Indian study. *JLP* 16, 97–104. <https://doi.org/10.1055/s-0043-1772564>
- Gyssens, I.C., 2005. Audit for Monitoring the Quality of Antimicrobial Prescription, dalam: *Antibiotic Policies: Theory and Practice*. Kluwer Academic / Plenum Publishers 197–225.
- Hammitt, L.L., Murdoch, D.R., Scott, J.A.G., Driscoll, A., Karron, R.A., Levine, O.S., O’Brien, K.L., 2012. Specimen Collection for the Diagnosis of Pediatric Pneumonia. *Clin Infect Dis* 54, S132–S139. <https://doi.org/10.1093/cid/cir1068>
- Handy, L.K., Bryan, M., Gerber, J.S., Zaoutis, T., Feemster, K.A., 2017. Variability in Antibiotic Prescribing for Community-Acquired Pneumonia. *Pediatrics* 139, e20162331. <https://doi.org/10.1542/peds.2016-2331>
- Ihtasya, S., Setyoningrum, R.A., Kusumaningrum, D., 2021. Prevalence of Pneumonia Severity in Children under 5 Years Old at Primary Health Care of Tambakrejo, Surabaya. *JUXTA: Jurnal Ilmiah Mahasiswa Kedokteran*

- Universitas Airlangga 12, 26–28.  
<https://doi.org/10.20473/juxta.V12I12021.26-28>
- Jain, V., Vashisht, R., Yilmaz, G., Bhardwaj, A., 2022. Pneumonia Pathology, in: StatPearls. StatPearls Publishing, Treasure Island (FL).
- Jubeh, B., Breijyeh, Z., Karaman, R., 2020. Resistance of Gram-Positive Bacteria to Current Antibacterial Agents and Overcoming Approaches. *Molecules* 25, 2888. <https://doi.org/10.3390/molecules25122888>
- Kementerian Kesehatan Republik Indonesia, 2021a. Peraturan Menteri Kesehatan Republik Indonesia Nomor 28 Tahun 2021 Tentang Pedoman Penggunaan Antibiotik.
- Kementerian Kesehatan Republik Indonesia, 2021b. Pedoman Penggunaan Antibiotik Nomor 26 Tahun 2021.
- Kementerian Kesehatan Republik Indonesia, 2018. Hasil Riset Kesehatan Dasar (Riskedas).
- Kementerian Kesehatan Republik Indonesia, 2015. Peraturan Menteri Kesehatan Republik Indonesia Nomor 8 Tahun 2015 Tentang Program Pengendalian Resistensi Antimikroba di Rumah Sakit.
- Kiconco, G., Turyasiima, M., Ndamira, A., Yamile, O.A., Egesa, W.I., Ndiwimana, M., Maren, M.B., 2021. Prevalence and associated factors of pneumonia among under-fives with acute respiratory symptoms: a cross sectional study at a Teaching Hospital in Bushenyi District, Western Uganda. *Afr Health Sci* 21, 1701–1710. <https://doi.org/10.4314/ahs.v21i4.25>
- Kollef, M.H., Bassetti, M., Francois, B., Burnham, J., Dimopoulos, G., Garnacho-Montero, J., Lipman, J., Luyt, C.-E., Nicolau, D.P., Postma, M.J., Torres, A., Welte, T., Wunderink, R.G., 2017. The intensive care medicine research agenda on multidrug-resistant bacteria, antibiotics, and stewardship. *Intensive Care Med* 43, 1187–1197. <https://doi.org/10.1007/s00134-017-4682-7>
- Leekha, S., Terrell, C.L., Edson, R.S., 2011. General Principles of Antimicrobial Therapy. *Mayo Clin Proc* 86, 156–167. <https://doi.org/10.4065/mcp.2010.0639>
- Lim, W.S., 2020. Pneumonia—Overview. Reference Module in Biomedical Sciences B978-0-12-801238-3.11636-8. <https://doi.org/10.1016/B978-0-12-801238-3.11636-8>
- LoMauro, A., Aliverti, A., 2021. Sex and gender in respiratory physiology. *European Respiratory Review* 30. <https://doi.org/10.1183/16000617.0038-2021>
- Mackenzie, G., 2016. The definition and classification of pneumonia. *Pneumonia* 8, 14. <https://doi.org/10.1186/s41479-016-0012-z>

- Makaba, S., Mallongi, A., 2019. Rationality of Antibiotic Drug Used to Medical Patient Post-Operatively in Selebe Solu Hospital Sorong City Papua Barat Province 2018.
- Mandell, L.A., 2015. Community-acquired pneumonia: An overview. *Postgrad Med* 127, 607–615. <https://doi.org/10.1080/00325481.2015.1074030>
- Mathur, S., Fuchs, A., Bielicki, J., Van Den Anker, J., Sharland, M., 2018. Antibiotic use for community-acquired pneumonia in neonates and children: WHO evidence review. *Paediatrics and International Child Health* 38, S66–S75. <https://doi.org/10.1080/20469047.2017.1409455>
- Md, A.A., Dch, M.F.M., Dnb, S.S., Md, S.K., 2022. Amoxicillin plus Clavulanic Acid Vs Amoxicillin in the Treatment of Community Acquired Pneumonia in Children: A Double-Blind, Randomized, Controlled Trial. *International Journal of Medical Science and Clinical Research Studies* 2, 473–477. <https://doi.org/10.47191/ijmscrs/v2-i6-06>
- Metlay, J.P., Waterer, G.W., Long, A.C., Anzueto, A., Brozek, J., Crothers, K., Cooley, L.A., Dean, N.C., Fine, M.J., Flanders, S.A., Griffin, M.R., Metersky, M.L., Musher, D.M., Restrepo, M.I., Whitney, C.G., 2019. Diagnosis and Treatment of Adults with Community-acquired Pneumonia. An Official Clinical Practice Guideline of the American Thoracic Society and Infectious Diseases Society of America. *Am J Respir Crit Care Med* 200, e45–e67. <https://doi.org/10.1164/rccm.201908-1581ST>
- Morales, F., Montserrat-de la Paz, S., Leon, M.J., Rivero-Pino, F., 2024. Effects of Malnutrition on the Immune System and Infection and the Role of Nutritional Strategies Regarding Improvements in Children's Health Status: A Literature Review. *Nutrients* 16, 1. <https://doi.org/10.3390/nu16010001>
- Murray, C.J.L., Ikuta, K.S., Sharara, F., Swetschinski, L., Aguilar, G.R., Gray, A., Han, C., Bisignano, C., Rao, P., Wool, E., Johnson, S.C., Browne, A.J., Chipeta, M.G., Fell, F., Hackett, S., Haines-Woodhouse, G., Hamadani, B.H.K., Kumaran, E.A.P., McManigal, B., Achalapong, S., Agarwal, R., Akech, S., Albertson, S., Amuasi, J., Andrews, J., Aravkin, A., Ashley, E., Babin, F.-X., Bailey, F., Baker, S., Basnyat, B., Bekker, A., Bender, R., Berkley, J.A., Bethou, A., Bielicki, J., Boonkasidecha, S., Bukosia, J., Carvalheiro, C., Castañeda-Orjuela, C., Chansamouth, V., Chaurasia, S., Chiurchiù, S., Chowdhury, F., Donatien, R.C., Cook, A.J., Cooper, B., Cressey, T.R., Criollo-Mora, E., Cunningham, M., Darboe, S., Day, N.P.J., Luca, M.D., Dokova, K., Dramowski, A., Dunachie, S.J., Bich, T.D., Eckmanns, T., Eibach, D., Emami, A., Feasey, N., Fisher-Pearson, N., Forrest, K., Garcia, C., Garrett, D., Gastmeier, P., Giref, A.Z., Greer, R.C., Gupta, V., Haller, S., Haselbeck, A., Hay, S.I., Holm, M., Hopkins, S., Hsia, Y., Iregbu, K.C., Jacobs, J., Jarovsky, D., Javanmardi, F., Jenney, A.W.J.,

- Khorana, M., Khusuwan, S., Kisson, N., Kobeissi, E., Kostyanov, T., Krapp, F., Krumkamp, R., Kumar, A., Kyu, H.H., Lim, C., Lim, K., Limmathurotsakul, D., Loftus, M.J., Lunn, M., Ma, J., Manoharan, A., Marks, F., May, J., Mayxay, M., Mturi, N., Munera-Huertas, T., Musicha, P., Musila, L.A., Mussi-Pinhata, M.M., Naidu, R.N., Nakamura, T., Nanavati, R., Nangia, S., Newton, P., Ngoun, C., Novotney, A., Nwakanma, D., Obiero, C.W., Ochoa, T.J., Olivas-Martinez, A., Oliaro, P., Ooko, E., Ortiz-Brizuela, E., Ounchanum, P., Pak, G.D., Paredes, J.L., Peleg, A.Y., Perrone, C., Phe, T., Phommasone, K., Plakkal, N., Ponce-de-Leon, A., Raad, M., Ramdin, T., Rattanaovong, S., Riddell, A., Roberts, T., Robotham, J.V., Roca, A., Rosenthal, V.D., Rudd, K.E., Russell, N., Sader, H.S., Saengchan, W., Schnall, J., Scott, J.A.G., Seekaew, S., Sharland, M., Shivamallappa, M., Sifuentes-Osornio, J., Simpson, A.J., Steenkeste, N., Stewardson, A.J., Stoeva, T., Tasak, N., Thaiprakong, A., Thwaites, G., Tigoi, C., Turner, C., Turner, P., Doorn, H.R. van, Velaphi, S., Vongpradith, A., Vongsouvath, M., Vu, H., Walsh, T., Walson, J.L., Waner, S., Wangrangsimakul, T., Wannapinij, P., Wozniak, T., Sharma, T.E.M.W.Y., Yu, K.C., Zheng, P., Sartorius, B., Lopez, A.D., Stergachis, A., Moore, C., Dolecek, C., Naghavi, M., 2022. Global burden of bacterial antimicrobial resistance in 2019: a systematic analysis. *The Lancet* 399, 629–655. [https://doi.org/10.1016/S0140-6736\(21\)02724-0](https://doi.org/10.1016/S0140-6736(21)02724-0)
- Nguyen, H.Q., Nguyen-Thi, H.-Y., Huynh, P.-T., Le, N.D.T., Nguyen, N.T.-Q., Hsia, Y., 2022. Effectiveness of an enhanced antibiotic stewardship programme among paediatric patients in a tertiary hospital in Vietnam. *Journal of Hospital Infection* 127, 121–128. <https://doi.org/10.1016/j.jhin.2022.06.002>
- Orimadegun, A.E., Adepoju, A.A., Myer, L., 2020. A Systematic Review and Meta-analysis of Sex Differences in Morbidity and Mortality of Acute Lower Respiratory Tract Infections Among African Children. *J Pediatr Rev* 8, 65–78. <https://doi.org/10.32598/jpr.8.2.65>
- Ovetchkine, P., Rieder, M.J., Canadian Paediatric Society, Drug Therapy and Hazardous Substances Committee, 2013. Azithromycin use in paediatrics: A practical overview. *Paediatr Child Health* 18, 311–316.
- Pangeran, S.A., Manggau, M.A., Djaharuddin, I., 2022. Evaluasi Penggunaan Terapi Antibiotik Empiris Terhadap Luaran Klinis Pasien Pneumonia Komunitas Rawat INAP. *Majalah Farmasi dan Farmakologi* 26, 19–25. <https://doi.org/10.20956/mff.v26i1.18888>
- Peters, L., Olson, L., Khu, D.T.K., Linnros, S., Le, N.K., Hanberger, H., Hoang, N.T.B., Tran, D.M., Larsson, M., 2019. Multiple antibiotic resistance as a risk factor for mortality and prolonged hospital stay: A cohort study among



- neonatal intensive care patients with hospital-acquired infections caused by gram-negative bacteria in Vietnam. *PLOS ONE* 14, e0215666. <https://doi.org/10.1371/journal.pone.0215666>
- Presiden Republik Indonesia, 2014. Undang-Undang Republik Indonesia Nomor 35 Tahun 2014 Tentang Perubahan Atas Undang-Undang Nomor 23 Tahun 2002 Tentang Perlindungan Anak.
- Pudjiadi, A.H., Hegar, B., Handryastuti, S., Idris, N.S., Gandaputra, E.P., Harmoniati, E.D., n.d. *IKATAN DOKTER ANAK INDONESIA*.
- Puspitasari, D., Hasmono, D., Rahman, T., 2016. AMPICILLIN SULBACTAM AND CEFOTAXIME ARE SIMILARLY EFFECTIVE IN PEDIATRIC PNEUMONIA. *FMI* 52, 116–121. <https://doi.org/10.20473/fmi.v52i2.5225>
- Rachmawati, S., Masito, D.K., Rachmawati, E., 2020. Evaluasi Penggunaan Antibiotik pada Pasien Anak Rawat Inap di RSD Dr. Soebandi Jember: 1 6. <https://doi.org/10.22487/j24428744.2020.v6.i2.14976>
- Rahayu, Y.D., Wahyono, D., Mustofa, M., 2014. EVALUASI RASIONALITAS PENGGUNAAN ANTIBIOTIK TERHADAP LUARAN PADA PASIEN ANAK PENDERITA PNEUMONIA. *JURNAL MANAJEMEN DAN PELAYANAN FARMASI (Journal of Management and Pharmacy Practice)* 4, 264–270. <https://doi.org/10.22146/jmpf.297>
- Reygaert, W.C., 2018. An overview of the antimicrobial resistance mechanisms of bacteria. *AIMS Microbiol* 4, 482–501. <https://doi.org/10.3934/microbiol.2018.3.482>
- Rider, A.C., Frazee, B.W., 2018. Community-Acquired Pneumonia. *Emergency Medicine Clinics of North America, Infectious Disease Emergencies* 36, 665–683. <https://doi.org/10.1016/j.emc.2018.07.001>
- Rizqullah, N., Putri, M., Zulmansyah, Z., 2021. Hubungan Status Imunisasi Dasar terhadap Pneumonia pada Pasien Balita Rawat Inap di RSIA Respati Tasikmalaya. *Jurnal Integrasi Kesehatan & Sains* 3, 19–23. <https://doi.org/10.29313/jiks.v3i1.7296>
- Sattar, S.B.A., Sharma, S., 2022. Bacterial Pneumonia, StatPearls [Internet]. StatPearls Publishing.
- Scotta MC, Marostica P, Stein RT, 2019. Pneumonia in Children. in Wilmot R, Dererding R, Li A, Ratjen F, Sly P, Zar H et al, editor. *Kendig's Disorder of Respiratory tract in Children*. Elsevier ed 9th, 427–38.
- Serwecińska, L., 2020. Antimicrobials and Antibiotic-Resistant Bacteria: A Risk to the Environment and to Public Health. *Water* 12, 3313. <https://doi.org/10.3390/w12123313>
- Sinta Rachmawati, Dewi Khurmi Masito, Ema Rachmawati, 2020. (PDF) Evaluasi Penggunaan Antibiotik Pada Pasien Anak Rawat Inap di RSD Dr. Soebandi Jember: Evaluation Of Antibiotic Use For Pediatric at RSD Dr. Soebandi

- [WWW Document]. URL <https://doi.org/10.22487/j24428744.2020.v6.i2.14976>
- Sözen, H., Gönen, I., Sözen, A., Kutlucan, A., Kalemci, S., Sahan, M., 2013. Application of ATC/DDD methodology to evaluate of antibiotic use in a general hospital in Turkey. *Ann Clin Microbiol Antimicrob* 12, 23. <https://doi.org/10.1186/1476-0711-12-23>
- Stanley Lemeshow, David W. Hosmer. Jr, Janelle Klar, Stephen K. Lwanga, 1990. Adequacy of Sample Size in Health Studies. Published on behalf of the World Health Organization by John Wiley & Sons.
- Susilo Wirawan, 2023. Metodologi Penelitian untuk Tenaga Kesehatan. Thema Publishing, Yogyakarta.
- Sutriana, V.N., Sitaresmi, M.N., Wahab, A., 2021a. Risk factors for childhood pneumonia: a case-control study in a high prevalence area in Indonesia. *Clin Exp Pediatr* 64, 588–595. <https://doi.org/10.3345/cep.2020.00339>
- Sutriana, V.N., Sitaresmi, M.N., Wahab, A., 2021b. Risk factors for childhood pneumonia: a case-control study in a high prevalence area in Indonesia. *Clin Exp Pediatr* 64, 588–595. <https://doi.org/10.3345/cep.2020.00339>
- Tamur, S., 2024. THE EFFECT OF CEFIXIME IN TREATING RESPIRATORY TRACT AND URINARY TRACT INFECTIONS IN CHILDREN. *International Journal of Advanced Research* 12, 1034–1042. <https://doi.org/10.21474/IJAR01/18220>
- Tsay, S.V., Hersh, A.L., Fleming-Dutra, K.E., 2021. Rightsizing Treatment for Pneumonia in Children. *JAMA Pediatrics* 175, 462–463. <https://doi.org/10.1001/jamapediatrics.2020.6743>
- UNICEF, 2022. Pneumonia in Children Statistics [WWW Document]. UNICEF DATA. URL <https://data.unicef.org/topic/child-health/pneumonia/> (accessed 2.8.23).
- Wells, B.G., DiPiro, J.T., Schwinghammer, T.L., dan DiPiro, 2020. Lower Respiratory Tract Infections in Pharmacotherapy Handbook.
- World Health Organization, 2019. Pneumonia in children [WWW Document]. World Health Organization. URL <https://www.who.int/news-room/fact-sheets/detail/pneumonia> (accessed 2.7.23).
- World Health Organization, Food and Agriculture Organization of the United Nation, World Organization for Animal Health, 2019. Monitoring and Evaluation of the Global Action Plan on Antimicrobial Resistance.
- Yulia, R., Mariza, J.W., Soedarsono, Herawati, F., 2020. Bacterial profile and antibiotic use in pneumonia patients at Dr. Soetomo General Hospital. *Current Respiratory Medicine Reviews* 16, 21–27. <https://doi.org/10.2174/1573398X16666200217122825>



Zaman, S.B., Hussain, M.A., Nye, R., Mehta, V., Mamun, K.T., Hossain, N., 2017.  
A Review on Antibiotic Resistance: Alarm Bells are Ringing. Cureus 9,  
e1403. <https://doi.org/10.7759/cureus.1403>