# DAFTAR PUSTAKA

Abdullahi, I. N., Zarazaga, M., Campaña-Burguet, A., Eguizábal, P., Lozano, C., & Torres, C. (2022). Nasal *Staphylococcus aureus* and *Staphylococcus pseudintermedius* carriage in healthy dogs and cats: a systematic review of their antibiotic resistance, virulence and genetic lineages of zoonotic relevance. *Journal of Applied Microbiology, 133 (6)*, 3368–3390.

Afnani, D. A., Fatih, N., Effendi, M. H., Tyasningsih, W., Khairullah, A. R., Kurniawan, S. C., Silaen, O. S. M., Ramandinianto, S. C., Widodo, S., & Riwu, K. H. (2022). Profile of Multidrug Resistance and *Methicillin-Resistant Staphylococcus aureus* (MRSA) Isolated From Cats in Surabaya, Indonesia. *Biodiversitas, 23(11)*, 5703-5709.

Afshar, M. F., Zakaria, Z., Cheng, C. H., & Ahmad, N. I. (2023). Prevalence and Multidrug-Resistant Profile of *Methicillin-Resistant Staphylococcus aureus* and *Methicillin-Resistant Staphylococcus pseudintermedius* in Dogs, Cats, and Pet Owners in Malaysia. *Veterinary World, 16(3)*, 536-545.

Artati, Hurustiaty, & Armah, Z. (2016). Pola Resistensi Bakteri *Staphylococcus sp* terhadap 5 Jenis Antibiotik pada Sampel Pus. *Media Kesehatan Politeknsik Kesehatan Makassar, XI(2)*, 60-64.

Aslam, B., Khurshid, M., Arshad, M. I., Muzammil, S., Rasool, M., Yasmeen, N., Shah, T., Chaudhry, T. H., Rasool, M. H., Shahid, A., Xueshan, X., & Baloch, Z. (2021). Antibiotic Resistance: One Health One World Outlook. *Frontiers, 11*.

Aziz, F., Lestari, F. B., Indarjulianto, S., & Fitriana, F. (2022). Identifikasi dan Karakterisasi Resistensi Antibiotik Terduga *Staphylococcus aureus* pada Susu Mastitis Subklinis asal Sapi Perah di Kelompok Ternak Sedyo Mulyo, Pakem, Sleman Yogyakarta. *Jurnal Ilmu Peternakan dan Veteriner Tropis (Journal of Tropical Animal and Veterinary Science), 12(1)*, 66-74.

Bannoehr, J., & Guardabassi, L. (2012). *Staphylococcus pseudintermedius* in the dog: taxonomy, diagnostics, ecology, epidemiology and pathogenicity. *Veterinary Dermatology, 23 (4)*, 253-e52.

Bard, J. (2016). *Principles of Evolution: Systems, Species, and the History of Life.* New York: Garland Science.

Bayot, M. L., & Bragg, B. N. (2022). *Antimicrobial Susceptibility Testing.* FL: StatPearls Publishing.

Bereda, G. (2022). Clinical Pharmacology of Ampicillin. *Journal of Pharmaceutical Research & Reports, 3(3)*, 1-3.

Bibby, H. L., & Brown, K. L. (2021). Identification of *Staphylococcus pseudintermedius* Isolates from Wound Cultures by Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry Improves Accuracy of Susceptibility Reporting at an Increase in Cost. *Journal of Clinical Microbiology, 59 (11)*, e00973-21.

Brooks, G. F., Jawetz, E., Melnick, J. L., & Adelberg, E. A. (2010). *Jawetz, Melnick, & Adelberg's Medical Microbiology.* New York: McGraw Hill Medical.

Carroll, K. C., Burnham, C.-A. D., & Westblade, L. F. (2021). From canines to humans: Clinical importance of *Staphylococcus pseudintermedius*. *PLoS Pathog, 17 (12)*, e1009961.

Case, L. P. (2013). *The Dog:Its Behavior, Nutrition, and Health.* USA: Blackwell Publishing.

Chopra, I., & Roberta, M. (2001). Tetracycline Antibiotics: Mode of Action, Application, Molecular Biology, and Epidemiology of Bacterial Resistance. *Microbiology and Molecular Biology Reviews, 65(2)*, 232-260.

Damme, C. M., Broens, E. M., Auxilia, S. T., & Schlotter, Y. M. (2020). Clindamycin Resistance of Skin Derived *Staphylococcus pseudintermedius* is Higer in Dogs With A History of Antimicrobial Therapy. *Veterinary Dermatology, 31(4)*, 305-e75.

Davis, J. M., & Norwitz, E. (2019). *Perinatal Pharmacology, An Issue of Clinics in Perinatology.* Pennsylvania: Elsevier.

Decline, V., Effendi, M. H., Rahmaniar, R. P., Yanestria, S. M., & Harijani, N. (2020). Profile of Antibiotic-resistant and Presence of *Methicillin-resistant Staphylococcus aureus* From Nasal Swab of Dogs From Several Animal Clinics in Surabaya, Indonesia. *International Journal of One Health, 6(1)*, 90-94.

Etebu, E., & Arikekpar, I. (2016). Antibiotics: Classification and Mechanisms of Action with Emphasis on Molecular Perspectives. *International Journal of Applied Microbiology and Biotechnology Research, 4*, 90-101.

Fitranda, M., Salasia, S. I., Sianipar, O., Dewananda, S. A., Arjana, A. Z., Aziz, F., Wasissa, M., Lestari, F. B., & Santosa, C. M. (2023). *Methicillin-resistant Staphylococcus aureus* Isolates Derived from Humans and Animals in Yogyakarta, Indonesia. *Veterinary World, 16(1)*, 239-245.

Gajic, I., Kabic, J., Kekic, D., Jovicevic, M., Milenkovic, M., Kulafic, D. M., Trudik, A. Ranin, L., & Opavski, N. (2022). Antimicrobial Susceptibility Testing: A Comprehensive Review of Currently Used Methods. *Antibiotics, 11 (4)*, 427.

Garces, A., Silva, A., Lopes, R., Sampaio, F., Duque, D., & Brilhante-Simoes, P. (2022). *Methicillin-Resistant Staphylococcus aureus* (MRSA) and *Methicillin-Resistant Staphylococcus pseudintermedius* (MRSP) in Skin Infection from Company Animals in Portugal (2013-2021) . *Medical Sciences Forum, 12(1)*, 24.

Hudzicki, J. (2016). *Kirby-Bauer Disk Diffusion Susceptibility Test Protocol.* American Society for Microbiology.

Jhonson, J. T., & Victor, L. (1997). *Infectious Disease and Antimicrobial Therapy of The Ears, Nose and Thriat.* Philadelphia: Saunders Company.

Joosten, P.; Ceccarelli, D.; Odent, E.; Sarrazin, S.; Graveland, H.; Gompel, L. V.; Battisti, A.; Caprioli, A.; Franco, A.; Wagenaar, J. A.; Mevius, D.; Dewulf, J. (2020). Antimicrobial Usage and Resistance in Companion Animals: A Cross-Sectional Study in Three European Countries. *Antibiotics, 9(2)*, 87.

Kapoor, G., Saigal, S., & Elongavan, A. (2017). Action and Resistance Mechamisms of Antibiotics: A Guide for Clinicians. *Journal of Anaesthesiology Clinical Pharmacology, 33(3)*, 300-305.

Kee, J. L., & Hayes, E. R. (1996). *Farmakologi: Pendekatan Proses Keperawatan.* Jakarta: EGC.

Ketzung, B. G. (2004). *Farmakologi Dasar dan Klinik. Translation of Basic and Clinical Pharmacology Alih bahasa oleh Bagian Farmakologi Fakultas Kedokteran Universitas Airlangga* . Jakarta: Salemba Medika.

Khan, Z. A., Siddiqui, M. F., & Park, S. K. (2019). Current and Emerging Methods of Antibiotic Susceptibility Testing. *Diagnostics, 9 (2)*, 49.

Kristianty, T. A., Ichanniyati, Z., Setiawati, A. R., Efendi, Z. N., Budiharjo, B. S., & Ramadhani, F. (2017). Efektifitas Penggunaan Antibiotik Beta Laktam dan Amitraz Topikal pada Demodikosis Lokal. *ARSHI, 1(2)*, 33-34.

Li, Y., Fernandez, R., Duran, I., Molina-Lopez, R. A., & Darwich, L. (2020). Antimicrobial Resistance in Bacteria Isolated From Cats and Dogs From the Iberian Penisula. *Frontiers in Microbiology, 11*, 621597.

Lord, J., Millis, N., Jones, R. D., Johnson, B., Kania, S. A., & Odoi, A. (2022). Patterns of Antimicrobial, Multidrug and Methicillin Resistance Among *Staphylococcus spp.* Isolated from Canine Specimens Submitted to A Diagnostic Laboratory in Tennessee, USA: A Descriptive Study. *BMC Veterinary Research, 91*, 18.

Lynch, S. A., & Helbig, K. J. (2021). The Complex Disease of *Staphylococcus pseudintermedius* in Canines: Where to Next? *Veterinary Sciences, 8 (1)*, 11.

Ma, G. C., Worthing, K. A., Ward, M. P., & Norris, J. M. (2020). Commensal *Staphylococci* Including *Methicillin-Resistant Staphylococcus aureus* from Dogs and Cats in Remote New South Wales, Australia. *Microbial Ecology, 79*, 164-174.

Malik, S., Peng, H., & Barton, M. D. (2005). Antibiotic Resistance in *Staphylococci* Associated With Cats and Dogs. *Journal of Applied Microbiology, 99*, 1283-1293.

Meroni, G., Filipe, J. F., Drago, L., & Martino, P. A. (2019). Investigation on Antibiotic-Resistance, Biofilm Formation and Virulance Factors in Multi Drug Reistant *Staphylococcus pseudintermedius*. *Microorganisms, 7(12)*, 702.

Millannia, S. K., Khairullah, A. R., Effendi, M. H., Utama, S., Kurniawan, S. C., Afnani, D. A., Silaen, O. S M., Ramadhani, S., Ramandinianto, S. C., Waruwu, Y. K. K., Widodo, A., Putra, G. D. S., Farizqi, M. T. I., & Riwu, K. H. (2023). Phenotypic Detection Strategies of *Multidrug-Resistant Staphylococcus aureus* Isolated From Cat Nasal Swab in Madiun City, Indonesia. *Biodiversitas, 24(2)*, 940-946.

Miszczak, M., Korzeniowska-Kowal, A., Wzorek, A., Gamian, A., Rypula, K., & Birowiec, K. (2023). Colonization of *Methicillin-Resistant Staphylococcus* species in Healthy and Sick Pets: Prevalence and Risk Factors. *BMC Veterinary Research, 19*, 85.

Moerer, M., Lubke-Becker, A., Bethe, A., Merle, R., & Baumer, W. (2023). Occurrence of Antimicrobial Resistance in Canine and Feline Bacterial Pathogens in Germany Under The Impact of The TAHAV Amandement in 2018. *Antibiotics, 12(7)*, 1193.

Moses, I. B., Santos, F. F., & Gales, A. C. (2023). Human Colonization and Infection by *Staphylococcus pseudintermedius*: An Emerging and Underestimated Zoonotic Pathogen. *Microorgnisms, 11(3)*, 581.

Munita, J. M., & Arias, C. A. (2016). Mechanisms of Antibiotic Resistance. *Microbiology Spectrum, 4 (2)*, 481-511.

Naziri, Z., Poormaleknia, M., & Oliyaei, A. G. (2022). Risk of Sharing Resistant Bacteria and/or Resistance Elements Between Dogs and Their Owners. *BMC Veterinary Research, 18*, 203.

Neal, M. J. (2016). *Medical Pharmacology at A Glance.* USA: Willey Blackwell.

Nielsen, S. S., Alvarez, J., Bicout, D. J., Calistri, P., Canali, E., Drewe, J., Bastuji, B., Rojas, J. L. G., Gortazar, C., Herskin, M., Michel, V., Chuece, M. A. M., Padalino, B., Pasquali, P., Roberts, H.C., Spoolder, H., Stahl, K., Velarde, A., Viltrop, A., & Winckler, C. (2022). Assessment of listing and categorisation of animal diseases within the framework of the Animal

Health Law (Regulation (EU) No 2016/429): antimicrobial-resistant *Staphylococcus pseudintermedius* in dogs and cats. *EFSA Journal, 20 (2)*, e07080.

Njoroge, C., Mande, J. D., Mitema, S. E., & Kitaa, J. M. (2018). Phenotypic and Molecular Characterization of *Methicillin Resistant Staphylococcus aureus* from Surgical Patient and Normal Dogs. *Bioteknologi, 15(1)*, 13-25.

Nocera, F. P., Ambrosio, M., Fiorito, F., Cortese, L., & Martino, L. D. (2021). On Gram-Positive- and Gram-Negative-Bacteria-Associated Canine and Feline Skin Infections: A 4-Year Retrospective Study of the University Veterinary Microbiology Diagnostic Laboratory of Naples, Italy. *Animals (Basel), 11 (6)*, 1603.

Nurhidayanti, & Sari, R. R. (2022). Perbedaan Karakteristik Koloni Bakteri *Staphylococcus aureus* pada Media Agar Darah Domba dan Media Agar Darah Manusia. *Jurnal Analis Kesehatan, 11(1)*, 30-34.

Nurmala, Virgiandhy, I., Andriani, & Liana, D. F. (2015). Resistensi dan Sensitivitas Bakteri terhadap Antibiotik di RSU Dr. Soedarso Pontianak Tahun 2011-2013. *eJournal Kedokteran Indonesia, 3(1)*, 20.

Overgaauw, P. A., Winke, C. M., Hagen, M. A., & Lipman, L. J. (2020). A One Health Perspective on the Human–Companion Animal Relationship with Emphasis on Zoonotic Aspects. *Int J. Environ. Res. Public Health, 17 (11)*, 3789.

Pancu, D. F., Scrtu, A., Macasoi, I. G., Marti, D., M, M., Soica, C., Coricovac, D., Horhat, D., Poenaru, M., & Dehelean, C. (2021). Antibiotics: Conventional Therapy and Natural Compounds with Antibacterial Activity—A Pharmaco-Toxicological Screening. *Antibiotics, 10 (4)*, 401.

Papich, M. G. (2023). Antimicrobial Agents in Small Animal Dermatology for Treating *Staphylococcal* Infections. *JAVMA, 261*, 130-139.

Pattis, I., Weaver, L., Burgess, S. A., & Ussher, J. E. (2022). Antimicrobial Resistance in New Zealand - A One Health Prespective. *Antibiotics, 11(6)*, 778.

Pertiwi, M., Wulandari, K. K., Rodja, H. A., Urjiyah, U. G., Fibriani, E., & Putri, F. A. (2021). Teknik Diagnostik Konvensial dan Lanjutan untuk Infeksi Bakteri dan Resistensi Antibakteri di Indonesia. *Widya Biologi, 12 (02)*, 98-116.

Prakoso, Y. A., & Rahayu, A. (2024). *Farmakologi Veteriner: Pengantar dan Agen Kemoterapi*. Makassar: PT Nas Media Indonesia.

Priyantha, R., Gaunt, M. C., & Rubin, J. E. (2016). Antimicrobial Susceptibility of *Staphylococcus pseudintermedius* Colonizing Healthy Dogs in Saskatoon, Canada. *The Canadian Veterinary Journal, 57(1)*, 57-69.

Purnamasari, I., Suwarno, & Tyasningsih, W. (2023). Identifikasi *Staphylococcus sp*. dan Resistensi Antibiotik di Kecamatan Tutur, Pasuruan. *Jurnal Medik Veteriner, 6(1)*, 93-104.

Putri, A. N., & Isnawati. (2022). Morfogenetik Kucing Rumah (*Felis domesticus*) sebagai Sarana Pemuliaan Predator Alami Hewan Pengerat. *LenteraBio, 11(1)*, 217-225.

Quinn, P. J., Markey, B. K., Leonard, F. C., FitzPatrick, E. S., Fanning, S., & Hartigan, P. J. (2011). *Veterinary Microbiology and Microbial Disease.* UK: Blackwell Publishing.

Rahmaniar, R. P. (2017). Uji Sensitivitas Isolat *Staphylococcus aureus* Patogen pada Anjing terhadap Beberapa Antibiotik. *Jurnal Agro Veteriner, 5(2)*, 132-137.

Rana, E. A., Islam, M. Z., Das, T., Dutta, A., Ahad, A., Biswas, P. K., & Barua, H. (2022). Prevalence of Coagulase- Positive *Methicillin-Resistant Staphylococcus aureus* and *Staphylococcus pseudintermedius* in Dogs in Bangladesh. *Veterinary Medicine and Science, 8(2)*, 498-508.

Reygaert, W. C. (2018). An Oveview of The Antimicrobial Resistance Mechanisms of Bacteria. *AIMS Microbiology, 4 (3)*, 482-501.

Riski, K., Fakhrurrazi, & Abrar, M. (2017). Isolasi Bakteri *Staphylococcus aureus* pada Ikan Asin Talang-Talang (*Scomberoides commersonnianus*) di Kecamatan Leupung Kabupaten Aceh Besar. *JIMVET, 01(3)*, 366-374.

Rodloff, A., Bauer, T., Ewig, S., Kujath, P., & Muller, E. (2008). Susceptible, Intermediate, and Resistant - The Intensity of Antibiotic Action. *Deutsches Arzteblatt International, 105(39)*, 657-662.

Ruslin, Jabbar, A., Wahyuni, Malik, F., Trinovitasari, N., Agustina, Saputra, B., Fauziyah, C., Haming, F. F., Saktiani; H. D., Siddiqah, N., Kirana, R. M., Amaluddin, S. M., Sari, Y. A. (2023). Edukasi Penggunaan Antibiotik pada Masyarakat Desa Leppe Kecamatan Soropia Kabupaten Konawe. *Mosiraha: Journal Pengabdian Farmasi, 1(1)*, 25-30.

Salasia, S. I., Sandi, N. A., Lestari, F. B., Farida, V., & Aziz, N. (2017). Potensi Ekstrak Atuna racemosa sebagai Anti *Methicillin Resistant Staphylococcus aureus* (MRSA). *Jurnal Sain Veteriner, 35(2)*, 260-268.

Sanu, E. M., Sanam, M. U., & Tangkonda, E. (2015). Uji Sensitivitas Antibiotik Terhadap *Staphylococcus aureus* yang Diisolasi Dari Luka Kulit Anjing

Di Desa Merbaun, Kecamatan Amarasi Barat Kabupaten Kupang. *Jurnal Kajian Veteriner, 3(2)*, 175-189.

Saputra, C. F. (2016). Implementasi Konsep Wild Into Coziness pada Perancangan Interior Dog Daycare Center di Surabaya. *Jurnal Intra, 4(2)*, 423-434.

Shafia, G., Chandluri, P., Ganipisetti, R., Lakshmi, B. V., & Swami, P. A. (2016). Erythromycin Use as Broad Spectrum Antibiotic. *World Journal of Pharmaceutical and Medical Research, 2(6)*, 1-4.

Shariati, A., Arshadi, M., Khosrojerdi, M. A., Abedinzadeh, M., Ganjalishahi, M., Maleki, A., Heidary, M., & Khoshnood, S. (2022). The Resistance Mechanisms of Bacteria Against Ciprofloxacin and New Approaches for Enhancing The Efficacy of This Antibiotic. *Frontiers in Public Health, 10*, 1025633.

Sitanggang, V. P., Wicaksana, I. G., Besung, I. N., & Mahatmi, H. (2022). Sejumlah Faktor yang Melandasi Persepsi dan Perilaku Dokter Hewan terhadap Resistensi Antimikroba dan Penggunaan Antimikroba. *Jurnal Veteriner, 23(3)*, 424-431.

Sutoyo, M. I. (2022). *Multi-Resisten Staphylococcus Aureus Isolat Asal Kasus Medik Veteriner Dan Manusia Terhadap Berbagai Antibiotika*. (Skripsi Sarjana, Universitas Gadjah Mada).

Tjay, T. H., & Rahardja, K. (2007). *Obat-Obat Penting: Khasiat, Penggunaan, dan Efek-Efek S*amp*ingnya.* Jakarta: PT Elex Media Komputindo.

Viñes J, F. N., Pérez, D., Cuscó, A., Fonticoba, R., Francino, O., Ferrer, L., & Migura-Garcia, L. (2022). Concordance Between Antimicrobial Resistance Phenotype and Genotype of *Staphylococcus pseudintermedius* from Healthy Dogs. *Antibiotics (Basel), 11(11)*, 1625.

Wahyuningsih, N., & Zulaika, E. (2018). Perbandingan Pertumbuhan Bakteri Selulolitik pada Media *Nutrient Broth* dan *Carboxy Methyl Cellulose*. *Jurnal Sains dan Seni ITS, 2(7)*, 1337-3520.

Wijiati, A. M., Afiff, U., & Mustika, A. A. (2021). Pola Resistensi *Staphylococcus* Koagulase Positif yang Diisolasi dari Burung Lovebird terhadap Beberapa Antibiotik. *ARSHI, 5(1)*, 15-16.

Wright, G. D., & Poinar, H. (2012). Antibiotic resistance is ancient: implications for drug discovery. *Trends in Microbiology, 20 (4)*, 157–159.

Zhu, L., Zou, F., Yan, Y., Wang, Q., Shi, Y., & Qu, W. (2016). The Characteristics of *Staphylococcus aureus* Small Colony Variant Isolated from Chronic Mastitis at a Dairy Farm in Yunnan Provinces, China. *Scientific World Journal, 2016*, 1-8.