

DAFTAR PUSTAKA

- Alashraf, A., Khairani-Bejo, S., Khor, K., Radzi, R., Rani, P., Goh, S., Rahman, M., Roslan, M., Ismail, R., and Lau, S. (2020). Serological Detection of Anti-Leptospira Antibodies among Animal Caretakers, Dogs and Cats Housed in Animal Shelters in Peninsular Malaysia. *Sains Malaysiana*. 49(5), 1121-1128 .
- Alwiyah, F., Rudiyanto, W., Anggraini, D.I., dan Windarti, I. (2024). Anatomi dan Fisiologi Ginjal: Tinjauan Pustaka. *Medula*, 14(2), 285–289.
- Arent, Z., Pardyak, L., Dubniewicz, K., Plachno, B., and Kotula-Balak, M. (2022). Leptospira taxonomy: then and now. *Med. Weter*, 78 (10), 489-496
- Aziz, L. M. U. I., dan, Suropati, A. S. (2023). Tinjauan Aspek Klinis Leptospirosis. *Proceeding Book Call for Papers Fakultas Kedokteran Universitas Muhammadiyah Surakarta*, 227-235.
- Azócar-Aedo, L., Meniconi, G., Pino-Olguín, C., and Gallardo, M. (2025). Seropositivity for pathogenic leptospira in dogs, cats, and horses at a teaching veterinary hospital in Southern Chile. *Tropical Medicine and Infectious Disease*, 10(9), 253.
- Azócar-Aedo, L., Smits, H. L., and Monti, G. (2014). Leptospirosis in dogs and cats: epidemiology, clinical disease, zoonotic implications and prevention. *Archivos de medicina veterinaria*, 46(3), 337-348.
- Azura, D., Nabila, M., dan Damanik, ASH (2023). Analisis dampak perilaku sterilisasi terhadap kesehatan kucing betina dan jantan. *J.Biol* , 1(1), 1-10.
- Barnabé, N. N. da C., Soares, R. R., Barros, D. K. S., Araújo Júnior, J. P., Malossi, C. D., Silva, M. L. C. R., Brasil, A. W. de L., Costa, D. F. da, Higino, S. S. dos S., Santos, C. de S. A. B., Azevedo, S. S. de, and Alves, C. J. (2025). The role of transplacental infection in Leptospira spp. epidemiology in cattle in Caatinga biome, Brazil. *Microorganisms*, 12(6), 1044
- Bertasio C., Papetti A., Scaltriti E., Tagliabue S., D'Incau M., and Boniotti M.B. (2020) Serological Survey and Molecular Typing Reveal New *Leptospira* Serogroup Pomona Strains among Pigs of Northern Italy. *Pathogens*, 9(5):332
- Besung, I N. (2012). *Leptospirosis pada Hewan*. Denpasar: Laboratorium Mikrobiologi Fakultas Kedokteran Hewan Universitas Udayana..
- Bharti, A. R., Nally, J. E., Ricaldi, J. N., Matthias, M. A., Diaz, M. M., Lovett, M. A., Levett, P.N., Gilham, R.H., Willig, M.R., Gotuzzo, E., and Vinetz, J. M. (2003). Leptospirosis: a zoonotic disease of global importance. *The Lancet infectious diseases*, 3(12), 757-771.

- Bilung, LM, Tahar, AS, Pui, CF, Bakeri, MKS, Su'ut, L., Ngui, R., Kira, R., and Apun, K. (2026). *Leptospira* and Leptospirosis: A Review of Species Classifications, Genomes, Morphological Structures, Antimicrobial Resistances, Transmissions, and Clinical Manifestations. *Curr Microbiol*, 83(2), 122.
- Bonhomme, D., and Werts, C. (2022). Host and Species-Specificities of Pattern Recognition Receptors Upon Infection With *Leptospira interrogans*. *Frontiers in Cellular and Infection Microbiology*, 12, 932137.
- Brata, I. G. A. W. W., dan Wahyudin, M. I. (2025). Pengembangan model klasifikasi penyakit kucing menggunakan k-nearest neighbor untuk identifikasi penyakit menular/tidak menular. *Journal of Computer Science and Information Technology*, 2(2), 206-217. \
- Cagliero, J., Villanueva, S., and Matsui, M. (2018). Leptospirosis Pathophysiology: Into the Storm of Cytokines. *Frontiers in Cellular and Infection Microbiology*, 8, 204.
- Castañeda, I., Forin-Wiart, M. A., Pisanu, B., and De Bouillane de Lacoste, N. (2023). Spatiotemporal and individual patterns of domestic cat (*Felis catus*) hunting behaviour in France. *Animals*, 13(22), 3507.
- Chieng, S.C.R. (2022). Leptospirosis. *WikiJournal of Medicine*, 9 (1), 2.
- Davignon, G., Cagliero, J., Guentas, L., Bierque, E., Genthon, P., Gunkel-Grillon, P., Juillot, F., Kainiu, M., Laporte-Magoni, C., Picardeau, M., Selmaoui-Folcher, N., Soupé-Gilbert, M., Tramier, C., Vilanova, J., Wijesuriya, K., Thibaux, R., and Goarant, C. (2023). Leptospirosis: toward a better understanding of the environmental lifestyle of *Leptospira*. *Frontiers in Water*, 5, 1195094.
- Dinas Kesehatan Kabupaten Sleman. (2024). *Profil Kesehatan Kabupaten Sleman Tahun 2024*. Sleman: Dinas Kesehatan Kabupaten Sleman.
- Donato, G., Masucci, M., Hartmann, K., Goris, M., Ahmed, A., Archer, J., Alibrandi, A., and Pennisi, M. (2022). *Leptospira* spp. Prevalence in Cats from Southern Italy with Evaluation of Risk Factors for Exposure and Clinical Findings in Infected Cats. *Pathogens*, 11(10), 1129.
- Donato, G., Pennisi, M., Persichetti, M., Archer, J., and Masucci, M. (2023). A Retrospective Comparative Evaluation of Selected Blood Cell Ratios, Acute Phase Proteins, and Leukocyte Changes Suggestive of Inflammation in Cats. *Animals*, 13(16), 2579
- Dorsch, R., Ojeda, J., Salgado, M., Monti, G., Collado, B., Tomckowiack, C., Tejeda, C., Müller, A., Eberhard, T., Klaasen, H. L.B.M., and Hartmann, K. (2020). Cats shedding pathogenic *Leptospira* spp.—An underestimated zoonotic risk?. *PloS one*, 15(10), e0239991.

- Ellis, W.A., (2010). Control of Canine Leptospirosis in Europe: Time for a Change? . *Veterinary Record*, 167 (16), 602-605.
- Evangelista, K. V., and Coburn, J. (2010). Leptospira as an emerging pathogen: a review of its biology, pathogenesis and host immune responses. *Future microbiology*, 5(9), 1413-1425.
- Faqi, A.S. (2016). *A comprehensive guide to toxicology in nonclinical drug development*. London: Academic Press.
- Farhan, M., dan Fitria, M. (2026). Leptospirosis. *Termometer: Jurnal Ilmiah Ilmu Kesehatan dan Kedokteran*, 4(1), 80-88.
- Filipe, J., Lauzi, S., Bullo, F., D’Incau, M., Meroni, G., Martino, P. A., Magistrelli, S., Restelli, M., and Dall’Ara, P. (2024). Leptospira spp. antibody seroprevalence in stray dogs and cats: a study in Milan, Northern Italy. *Veterinary Sciences*, 11(10), 478.
- Fornazari, F., Langoni, H., Marson, P. M., Nóbrega, D. B., and Teixeira, C. R. (2018). Leptospira reservoirs among wildlife in Brazil: Beyond rodents. *Acta Tropica*, 178, 205-212.
- Gomard, Y., Dellagi, K., Goodman, S. M., Mavingui, P., and Tortosa, P. (2021). Tracking animal reservoirs of pathogenic Leptospira: The right test for the right claim. *Tropical Medicine and Infectious Disease*, 6(4), 205.
- Hartmann, K., Egberink, H., Pennisi, M. G., Lloret, A., Addie, D., Belák, S., Boucraut-Baralon, C., Frymus, T., Gruffydd-Jones, T., Hosie, M. J., Lutz, H., Marsilio, F., Möstl, K., Radford, A. D., Thiry, E., Truyen, U., and Horzinek, M. C. (2013). Leptospira species infection in cats: ABCD guidelines on prevention and management. *Journal of feline medicine and surgery*, 15(7), 576-581.
- Hildreth, A. M., Vantassel, S.M., and Hygnstrom, S. E. (2010). *Feral Cats and Their Management*. Nebraska: University of Nebraska-Lincoln.
- Jara, M., Escobar, L., Rodrigues, R., Frías, A., Sanhueza, J., and Machado, G. (2019). Spatial distribution and spread potential of sixteen Leptospira serovars in a subtropical region of Brazil. *bioRxiv*.
- Kementerian Kesehatan Republik Indonesia. (2024). *Profil Kesehatan Provinsi Daerah Istimewa Yogyakarta Tahun 2023*. Jakarta: Kementerian Kesehatan RI.
- Kementerian Kesehatan Republik Indonesia. (2025). *Profil Kesehatan Indonesia tahun 2024*. Jakarta: Kementerian Kesehatan RI
- Khan, Z., Grewal, J., Parray, O., Haq, R., Dar, S., Muhee, A., Bhat, R., Aijaz, R., Bhat, G., dan Yatoo, M. (2024). Status of Hemato-biochemical Parameters in Feline Infectious Peritonitis (FIP) Affected Cats. *International Journal of Biochemistry Research & Review*, 33(6), 334-339.

- Kusumarini, S., Firmawati, A., dan Wisesa, I. B. G. R. (2023). *Fisiologi Veteriner Sistem*. Malang: Universitas Brawijaya Press.
- Leksono, A.S., dan Hakim, L. (2021) *Sistematika Hewan Vertebrata*. Malang: Universitas Brawijaya Press.
- Maher, M. A., Palacio, L., Henao, J. C., and Elsharkawy, S. H. (2024). Gross morphological and ultrasonographic dimensions of normal feline kidney with reference to resistive index. *Scientific Reports*, 14(1), 25662.
- Martin. S.W., Meek, A.H., and Willeberg, P. (1987). *Veterinary Epidemiology. Principle and Methods.*, 1st ed. Ames: Iowa State University.
- Mazzotta, E., De Zan, G., Cocchi, M., Boniotti, M. B., Bertasio, C., Furlanello, T., Lucchese., L., Ceglie, L., Bellinati, L., and Natale, A. (2023). Feline susceptibility to leptospirosis and presence of immunosuppressive comorbidities: first European report of *L. interrogans* serogroup Australis sequence type 24 in a cat and survey of *Leptospira* exposure in outdoor cats. *Tropical Medicine and Infectious Disease*, 8(1), 54.
- Mendes, J., Aymée, L., and Lilenbaum, W. (2025). A scoping review of antimicrobial therapy in *Leptospira* infections in domestic animals. *Animals*, 15(20), 3045.
- Merrill, L. (2012). *Small animal internal medicine for veterinary technicians and nurses Second Edition*. Hoboken: John Wiley & Sons.
- Miotto, B. A., Camelo, Q. C., Grolla, A. C. M. M., de Oliveira, A. B. M., Silva, M. M. B., Hagiwara, M. K., and Esteves, S. B. (2024). Current knowledge on leptospirosis in cats: A systematic review with metanalysis on direct detection, serological response, and clinical data. *Research in veterinary science*, 174, 105292.
- Mohammed, H., Nozha, C., Hakim, K., Abdelaziz, F., and Rehia, B. (2011). *Leptospira*: morphology, classification and pathogenesis. *J Bacteriol Parasitol*, 2(6), 1-4.
- Monaghan, K., Nolan, B., and Labato, M. (2012). Feline acute kidney injury: 1. Pathophysiology, etiology and etiology-specific management considerations. *Journal of feline medicine and surgery*, 14(11), 775-784.
- Mulyani, G. T., Hartati, S., Wuryastuty, H., Tjahajati, I., Yuriadi, Y., Widiyono, I., Yanuartono., Purnamaningsih, H., Indarjulianto, S., Raharjo, S., Nururozi, A., Ganapragasam, A., dan Jiao, Y. S. (2019). Identifikasi serovar penyebab leptospirosis pada anjing di Yogyakarta. *Jurnal Sain Veteriner*, 37(2), 227-231.
- Mulyani, G.T., Raharjo, S., Santoso, Y., Kurnia, Pramono A.B., dan Wirapratwi, D.K. (2018). Feline leptospirosis in Yogyakarta and its surrounding. *Jurnal Veteriner*, 19(4), 1-5.

- Murillo, A., Goris, M., Ahmed, A., Cuenca, R., and Pastor, J. (2020). Leptospirosis in cats: Current literature review to guide diagnosis and management. *Journal of feline medicine and surgery*, 22(3), 216–228.
- Nandan, R. (2017). *Veterinary Laboratory Diagnosis*. New Delhi: Replika Press.
- Negero, J. (2017). Review on leptospirosis in animals and its public health importance. *Journal of Biology, Agriculture and Healthcare*, 7(23), 92-97.
- Ningsih, I., dan Wahid, M. H. (2022). Leptospirosis ditinjau dari aspek mikrobiologi. *EKOTONIA: Jurnal Penelitian Biologi, Botani, Zoologi dan Mikrobiologi*, 7(1), 31-43.
- Nururrozi, Alfarisa., Andimi, Agistanya., Yanuartono., dan Indarjulianto, Soedarmanto. (2022). Studi Retrospektif Profil Hemogram Kasus Peritonitis Menular Tipe Efusif pada Kucing. *Jurnal Veteriner*. 23(1):112-120.
- Özbek, M., Özkan, C., Kaya, A., Yıldırım, S., Kozat, S., and Akgül, Y. (2022). Clinicopathological and biochemical evaluation of Feline Infectious Peritonitis in Turkish Van cats. *Journal of the Hellenic Veterinary Medical Society*. 73(3): 4379-4388.
- Pereira, A. F., Jota Baptista, C., Faustino-Rocha, A., Oliveira, P. A., and Coelho, A. C. (2025). Renal biomarkers in companion animals—a review. *Animals*, 15(6), 818.
- Phannajit, J., Lertussavavivat, T., Limothai, U., Tachaboon, S., Avihingsanon, Y., Praditpornsilpa, K., Eiam-Ong, S., Tungsanga, K., Sitprija, V., an Srisawat, N. (2023). Long-term kidney outcomes after leptospirosis: a prospective multicenter cohort study in Thailand.. *Nephrology, dialysis, transplantation*, 38(10), 2182–2191,
- Plank, R., & Dean, D. (2000). Overview of the epidemiology, microbiology, and pathogenesis of *Leptospira* spp. in humans. *Microbes and infection*, 2(10), 1265-1276.
- Puentes, M. M. M., Camargo, K. D. J., Roberto, Y. A. M., Guzman-Barragan, B. L., Tafur-Gomez, G. A., and Clavijo, N. F. S. (2024). Infection and re-infection of *Leptospira* spp. in stray dogs and cats from Bogota, Colombia. *Veterinary World*, 17(5), 973.
- Quinn P.J., Markey B.K., Leonard F.C., FitzPatrick E.S., Fanning S., and Hartigan P.J. (2011). *Veterinary Microbiology and Microbial Disease*. 2nd ed. Wiley-Blackwell.
- Ramadhani, T., & Widiastuti, D. (2014). Identifikasi Serovar Bakteri *Leptospira* Pada Tikus Kaitannya Dengan Kejadian Leptospirosis Di Beberapa Kabupaten Di Provinsi Jawa Tengah. *Publikasi Penelitian Terapan dan Kebijakan*, 8(3). 188-201.

- Rampengan, N.H. (2016). Leptospirosis. *Jurnal Biomedik (JBM)*, 8 (3), 143-150
- Riyadi, A.Y., dan Sunarno. (2019). Metode Diagnosis Penyakit Leptospirosis dengan Uji Microscopic Agglutination Test. *Open Journal System*, 14 (2), 2077–2086.
- Rodriguez, J., Blais, M. C., Lapointe, C., Arsenault, J., Carioto, L., and Harel, J. (2014). Serologic and urinary PCR survey of leptospirosis in healthy cats and in cats with kidney disease. *Journal of Veterinary Internal Medicine*, 28(2), 284-293.
- Samrot, A. V., Sean, T. C., Bhavya, K. S., Sahithya, C. S., Chan-Drasekaran, S., Palanisamy, R., Robinson, E.R., Subbiah, S.K., and Mok, P. L. (2021). Leptospiral infection, pathogenesis and its diagnosis—a review. *Pathogens*, 10(2), 145.
- Schuller, S., Francey, T., Hartmann, K., Hugonnard, M., Kohn, B. J. E. N., Nally, J. E., and Sykes, J. (2015). European consensus statement on leptospirosis in dogs and cats. *Journal of small animal practice*, 56(3), 159-179.
- Seguro, A., and Andrade, L. (2013). Pathophysiology of Leptospirosis. *Shock*, 39, 17–23.
- Setyaningrum, S., Syahir, S., Purwasih, R., dan Azizi, I. (2025). *Buku Ajar Fisiologi Ternak*. Yogyakarta: PT. Green Pustaka Indonesia.
- Shropshire, S. B., Veir, J. K., Morris, A. K., and Lappin, M. R. (2016). Evaluation of the *Leptospira* species microscopic agglutination test in experimentally vaccinated cats and *Leptospira* species seropositivity in aged azotemic client-owned cats. *Journal of feline medicine and surgery*, 18(10), 768-772
- Solikhah, T., Agustin, Q., Damaratri, R., Siwi, D., Rafi'uttaqi, G., Hartadi, V., and Solikhah, G. (2024). A review of feline infectious peritonitis virus infection. *Veterinary World*, 17, 2417 - 2432.
- Susanti, S., Adjid, R. M. A., Noor, S. M., Mulyadi, A., Sumirah, S., Nuradji, H., Ratnawati, D., Dikman, D.M., Pamungkas, D., Rachmawati, F., Anastasia., and Purba, H. H. S. (2025). Sero-epidemiological Study on *Leptospira* Infection in a Closed Cattle Population in Indonesia. *International Journal of Veterinary Science. Int J Vet Sci*, 14(4), 654-660.
- Sykes J.E., Hartmann K., Lunn K.F., Moore G.E., Stoddard R.A., Doldstein R.E. (2011). 2010 ACVIM small animal consensus statement on leptospirosis: diagnosis, epidemiology, treatment, and prevention. *J Vet Intern Med*, 25, 1-13.
- Tabaczek, M. (2023). *Theistic Evolution: A Contemporary Aristotelian-Thomistic Perspective*. Inggris: Cambridge University Press.
- Tam, W. Y. J., Nekouei, O., Rizzo, F., Cheng, L. S. T., Choi, Y. R., Staples, M., Hobi, S., Gray, J., Woodhouse, F., Shuen, P.Y.M., Chai, Y.F., Beatty,

- J.,A., and Barrs, V. R. (2024). Seroreactivity against *Leptospira* spp. differs between community cats and privately-owned cats in Hong Kong. *One Health*, 19, 100851.
- Tan, S. M., Stellato, A. C., and Niel, L. (2020). Uncontrolled outdoor access for cats: An assessment of risks and benefits. *Animals*, 10(2), 258.
- Thrall, M.A., Weiser, G., Allison, R.W., and Campbell, T.W. (2022). *Veterinary Hematology, Clinical Chemistry, and Cytology 3rd Edition*. Chennal:Wiley Blackwell.
- Tilley LP, Smith F.W.K., Sleeper M.M., and Brainard B.M. (2021). *Blackwell's Five-Minute Veterinary Consult Canine and Feline*. John Wiley & Sons, Inc. Blackwell Publishing.
- Tulu, D. (2020). Epidemiology and zoonotic implication of leptospirosis in domestic animals in Ethiopia. *Acad. J. Anim. Dis*, 9(1), 19-32.
- Wibisono, F.J., dan Yanestria, S. M. Outbreak Leptospirosis Dengan Vektor Tikus Pada Daerah Rawan Banjir Di Surabaya. *Jurnal Kajian Veteriner*, 4(2), 1-9.
- WOAH. (2021). *Leptospirosis*. WOAH Terrestrial Manual 1-14.
- Yadeta, W., Bashahun, G. M., an Abdela, N. (2016). Leptospirosis in animal and its public health implications: a review. *World Appl. Sci. J*, 34(6), 845-853.
- Yanagihara, Y., Villanueva, S. Y. A. M., Nomura, N., Ohno, M., Sekiya, T., Handabile, C., Shingai, M., Higashi, H., Yoshida, S., Masuzawa, T., Gloriani, N. G., Saito, M., and Kida, H. (2022). *Leptospira* is an environmental bacterium that grows in waterlogged soil. *Microbiology Spectrum*, 10(2), e02157-21.
- Yanuartono, Y., Nururrozi, A., dan Indarjulianto, S. (2017). Penyakit ginjal kronis pada anjing dan kucing: manajemen terapi dan diet. *Indonesian Journal of Veterinary Science*, 35(1), 16-34.