



REFERENCES

- Abd Elkader, N.A., Emam, I.A., Farghali, H.A. and Salem, N.Y. 2020. Oesophageal foreign bodies in cats: Clinical and anatomic findings. *Plos one*, 15(6), pp 1-15
- Abouelela, Y.S., Fargali, H.A., Ahmed, Z.S.O. and RT, R. 2021. Anatomy and Morphometry of Major Salivary Glands of Domestic Cats with Relation to their Histological Features. *Pakistan Veterinary Journal*, 42 (1), pp 81-87
- Aldrich, G.C. and Koppel, K. 2015. Pet food palatability evaluation: a review of standard assay techniques and interpretation of results with a primary focus on limitations. *Animals*, 5(1), pp.43-55.
- Allouch, M.G. and Kaddi, M. 2018. Surgical Anatomy of the Esophagus in Cats and Removal of Esophageal Foreign Bodies (Sneeze Spine) Using Laryngoscope Technique. *Journal of Dairy and Veterinary Sciences*, 5(5), pp 1-5.
- Armbrust, L.J., Hoskinson, J.J., Lora-Michiels, M., Vet, M. and Milliken, G.A., 2003. Gastric emptying in cats using foods varying in fiber content and kibble shapes. *Veterinary Radiology & Ultrasound*, 44(3), pp.339-343
- Aspinall, V. 2004. Anatomy and Physiology of the Dog and Cat 8. The Digestive System. *Veterinary Nursing Journal*, 19(3), pp.94-99.
- Aspinall, V. and Cappello, M. 2015. *Introduction to Veterinary Anatomy and Physiology Textbook, 3rd Edition*. China: Elsevier. pp 99, 103-104, 109-110-111, 189
- August, J.R. 2010. *Consultations in Feline Internal Medicine, Volume 6*. Missouri: Saunders Elsevier.
- Azzouz L.L. and Sharma S. 2021. *Physiology, Large Intestine*. In: *StatPearls [Internet]*. Treasure Island: StatPearls Publishing.
- Bassanino, J., Palierne, S., Blondel, M. and Reynolds, B.S. 2019. Sublingual sialocele in a cat. *Journal of Feline Medicine and Surgery Open Reports*, 5(1), pp 1-5.
- Beasley, D.E., Koltz, A.M., Lambert, J.E., Fierer, N. and Dunn, R.R. 2015. The evolution of stomach acidity and its relevance to the human microbiome. *PloS one*, 10(7), pp 1-12.
- Bellows, J., 2022. *Feline dentistry, 2nd Edition*. New Jersey: John Wiley & Sons. pp 3-10, 21-23, 380



Bertoy, R.W. 2002. Megacolon in the cat. *Veterinary Clinics: Small Animal Practice*, 32(4), pp.901-915.

Besoluk, K., Eken, E. and Sur, E., 2006. Morphological studies on lyssa in cats and dogs. *VETERINARNI MEDICINA-PRAHA-*, 51(10), pp. 485-489.

Bhandal, J., Kuzma, A. and Head, L., 2008. Cecal inversion followed by ileocolic intussusception in a cat. *The Canadian Veterinary Journal*, 49(5), pp 483-483.

Boehlke, C., Zierau, O. and Hannig, C. 2015. Salivary amylase—The enzyme of unspecialized euryphagous animals. *Archives of oral biology*, 60(8), pp.1162-1176.

Bradshaw, J.W., 2006. The evolutionary basis for the feeding behavior of domestic dogs (*Canis familiaris*) and cats (*Felis catus*). *The Journal of nutrition*, 136(7), pp.1927-1931.

Brosey, B.P., Hill, R.C. and Scott, K.C. 2000. Gastrointestinal volatile fatty acid concentrations and pH in cats. *American Journal of Veterinary Research*, 61(4), pp.359-361.

Bruyette, D. 2020. *Clinical Small Animal Internal Medicine, 2 Volume Set*. Iowa: Wiley-Blackwell. pp 569

Buelow, M.E., Marretta, S.M., Barger, A. and Lichtensteiger, C. 2011. Lingual lesions in the dog and cat: recognition, diagnosis, and treatment. *Journal of veterinary dentistry*, 28(3), pp.151-162.

Butowski, C.F., Thomas, D.G., Cave, N.J., Bermingham, E.N., Rosendale, D.I., Hea, S.Y., Stoklosinski, H.M. and Young, W. 2022. In Vitro Assessment of Hydrolysed Collagen Fermentation Using Domestic Cat (*Felis catus*) Faecal Inocula. *Animals*, 12(4), pp. 1-16.

Case, L.P., Daristotle, L., Hayek, M.G. and Raasch, M.F. 2011. *Canine and Feline Nutrition, 3rd Edition*. Missouri: Mosby Elsevier. pp 48-52, 76, 94

Casteleyn, C., Breugelmans, S., Simoens, P. and Van den Broeck, W. 2011. The tonsils revisited: review of the anatomical localization and histological characteristics of the tonsils of domestic and laboratory animals. *Clinical and developmental immunology*, 2011. pp 1-14.

Castro, J.L.C., Santalucia, S., Ferreira, A.A., dos Santos Moratelli, C.B., Castro, V.S.P., de Abreu Oliveira, A.L., Guedes, R.L., Albernaz, V.G.P., Cancian, M.A. and Raiser, A.G., 2016. Determining the optimal time of gastric



emptying in cats using dry or wet food. *Acta Scientiae Veterinariae*, 44, pp.1-6.

Chatzimisios, K., Kasambalis, D.N., Angelou, V. and Papazoglou, L.G. 2021. Surgical management of feline extrahepatic biliary tract diseases. *Topics in companion animal medicine*, 44, pp 1-8.

Clarke, D.E. and Caiafa, A. 2014. Oral examination in the cat: a systematic approach. *Journal of feline medicine and surgery*, 16(11), pp.873-886.

Colville, T. and Bassett, J.M. 2016. *Clinical Anatomy and Physiology for Veterinary Technicians, 3rd Edition*. Missouri: Elsevier. pp 287-288, 380, 390, 393-395, 404-406, 410, 411, 412, 414, 581

Constantaras, M.E. and Charlier, C.J. 2014. Maxillofacial injuries and diseases that cause an open mouth in cats. *Journal of Veterinary Dentistry*, 31(3), pp 168-176.

Craig, J.M., 2019. Food intolerance in dogs and cats. *Journal of Small Animal Practice*, 60(2), pp.77-85.

Crowley, S.L., Cecchetti, M. and McDonald, R.A. 2020. Our wild companions: Domestic cats in the Anthropocene. *Trends in Ecology & Evolution*, 35(6), pp.477-483.

de la Puerta, B. and Emmerson, T. 2020. Salivary gland disease in dogs and cats. *In Practice*, 42(8), pp.428-437.

Dear, J.D. 2014. Bacterial pneumonia in dogs and cats. *Veterinary Clinics: Small Animal Practice*, 44(1), pp.143-159.

Du, P., Calder, S., Angeli, T.R., Sathar, S., Paskaranandavadivel, N., O'Grady, G. and Cheng, L.K., 2018. Progress in mathematical modeling of gastrointestinal slow wave abnormalities. *Frontiers in physiology*, 8(1136), pp 1-14.

Eisert, R. 2011. Hypercarnivory and the brain: protein requirements of cats reconsidered. *Journal of Comparative Physiology B*, 181(1), pp.1-17.

El-Bably, S.H. and Tolba, A.R. 2015. Morph-metrical studies on the tongue (Lingua) of the adult Egyptian domestic cats (*Felis domestica*). *International Journal of Veterinary Science*, 4(2), pp.69-74.

Engelking, L.R. 2002. *Review of Veterinary Physiology*. Wyoming: Teton NewMedia. pp 369



Ettinger, S.J. and Feldman, E.C. 2010. *Textbook of Veterinary Internal Medicine, 7th Edition*. Missouri: Saunders Elsevier. pp 1596

Fascetti, A.J. and Delaney, S.J. 2012. *Applied Veterinary Clinical Nutrition*. West Sussex: Wiley-Blackwell. pp 221

Fernandes, J., Saudubray, J.M., Van den Berghe, G. and Walter, J.H. 2006. *Inborn metabolic diseases: diagnosis and treatment, 4th Edition*. Würzburg: Springer Science & Business Media. pp 390-391.

Fleming, P.A., Crawford, H.M., Auckland, C. and Calver, M.C. 2021. Nine ways to score nine lives—identifying appropriate methods to age domestic cats (*Felis catus*). *Journal of Zoology*, 314(3), pp.211-226.

Fregosi, R.F. 2011. Influence of tongue muscle contraction and transmural pressure on nasopharyngeal geometry in the rat. *Journal of applied physiology*, 111(3), pp.766-774.

Garcia-Mazcorro, J.F. and Minamoto, Y., 2013. Gastrointestinal microorganisms in cats and dogs: a brief review. *Archivos de medicina veterinaria*, 45(2), pp.111-124.

Griffin, S., 2019. Feline abdominal ultrasonography: What's normal? What's abnormal? The diseased gastrointestinal tract. *Journal of Feline Medicine and Surgery*, 21(11), pp.1047-1060.

Griffin, S., 2019. Feline abdominal ultrasonography: what's normal? what's abnormal? The liver. *Journal of feline medicine and surgery*, 21(1), pp.12-24.

Griffin, S. 2020. Feline abdominal ultrasonography: What's normal? What's abnormal? The pancreas. *Journal of Feline Medicine and Surgery*, 22(3), pp.241-259.

Guyton, A.C. and Hall, J.E. 2006. *Textbook of Medical Physiology, 11th Edition*. Pennsylvannia: Elsevier Inc. pp 799-804, 829, 830, 832, 838, 840-842, 856, 964, 970

Haddad, S., Noreldin, A.E., Kamal, B., Abdeen, A., Farouk, S.M., Abbott, L.C. and Abdo, M., 2019. Morphological and functional comparison of lingual papillae in suckling and adult feral cats: Forensic evidence. *Anatomia, Histologia, Embryologia*, 48(5), pp.404-414.

Hall, E.J., Simpson, J.W. and Williams, D.A. 2005. *BSAVA Manual of Canine and Feline Gastroenterology, 2nd Edition*. Gloucester: British Small Animal Veterinary Association. 5, 85, 178-179, 203-204, 222-225, 269-270



- Hooton, D., Lentle, R., Monro, J., Wickham, M. and Simpson, R., 2015. The secretion and action of brush border enzymes in the mammalian small intestine. *Reviews of physiology, biochemistry and pharmacology*, pp.59-118.
- Hubrecht, R.C. and Kirkwood, J. 2010. *The UFAW handbook on the care and management of laboratory and other research animals, 8th edition*. West Sussex: John Wiley & Sons. pp 453
- Hudson, L. and Hamilton, W. 2010. *Atlas of feline anatomy for veterinarians, 2nd Edition*. Wyoming: Teton NewMedia. pp 155, 158, 163, 166-167, 359-413
- Huvé, R., O'Toole, E., Gara-Boivin, C., Fontaine, P. and Bélanger, M.C. 2020. Bile composition of healthy cats and cats with suspected hepatobiliary disease using point-of-care analyzers: A prospective preliminary study. *Canadian Journal of Veterinary Research*, 84(2), pp.138-145.
- Iturriaga, M.P., Cocio, J.A. and Barrs, V.R. 2020. Cluster of cases of congenital feline goitrous hypothyroidism in a single hospital. *Journal of Small Animal Practice*, 61(11), pp.696-703
- Jimeno Sandoval, J. C., Charlesworth, T. and Anderson, D., 2021. Outcomes and complications of anal sacculectomy for non-neoplastic anal sac disease in cats: 8 cases (2006-2019). *The Journal of Small Animal Practice*, 63(1), pp 56-61
- Kalstone, S. 2006. *Allergic to Pets? The Breakthrough Guide to Living with the Animals You Love*. New York: Bantam Dell.
- Kaur, N., Kumar, V., Nayak, S.K., Wadhwa, P., Kaur, P. and Sahu, S.K. 2021. Alpha-amylase as molecular target for treatment of diabetes mellitus: A comprehensive review. *Chemical Biology & Drug Design*, 98(4), pp 539-560.
- Kim, S.E., Arzi, B., Garcia, T.C. and Verstraete, F.J., 2018. Bite forces and their measurement in dogs and cats. *Frontiers in veterinary science*, 5 (17), pp 1-6.
- Kirby, R. and Linklater, A. 2017. *Monitoring and intervention for the critically ill small animal: the rule of 20*. Iowa: John Wiley & Sons. pp 55
- Knight, A. and Leitsberger, M. 2016. Vegetarian versus meat-based diets for companion animals. *Animals*, 6(9), pp 1-20



- König, H.E. and Liebich, H.G., 2007. *Veterinary Anatomy of Domestic Mammals: Textbook and Colour Atlas*, 3rd Edition. Stuttgart: Schattauer GmbH. pp 1,5, 301-306, 322-323, 351, 357, 361, 364, 367
- Kook, P.H. 2014. Esophageal motility in small animals. *Zurich Open Repository and Archive*. pp 1-5
- Langley-Hobbs, S.J., Demetriou, J.L. and Ladlow, J.F. 2014. *Feline Soft Tissue and General Surgery*. China: Saunders Elsevier. pp 291, 301, 313, 325-326, 345, 366, 617
- Lemmons, M. 2013. Clinical feline dental radiography. *Veterinary Clinics: Small Animal Practice*, 43(3), pp.533-554.
- Little, S. 2012. *The Cat: Clinical Medicine and Management*. Missouri: Elsevier Saunders. pp 4, 193, 236, 238-239, 257, 240, 451
- Lobprise, H.B. and Dodd, J.R. 2019. *Wigg's Veterinary Dentistry Principles and Practice*, 2nd Edition. New Jersey: John Wiley & Sons, Inc. pp 2,8-22.
- Lombardero, M., Alonso-Peñaando, D. and Yllera, M.D.M., 2021. The cat mandible (I): Anatomical basis to avoid iatrogenic damage in veterinary clinical practice. *Animals*, 11(2), pp. 1-15
- Maher, M.A., El-Sakhawy, M.A., Hussein, S. and Shaker, N.A. 2015. Morphological studies on the anal canal of adult male cat (*Felis domestica*). *Int. J. Adv. Res. Biol. Sci*, 2(3), pp.195-205.
- Maher, M.A., Farghali, H.A.M., Elasayed, A.H. and Reem, R.T. 2020. Gross Anatomy and Ultrasonography of Spleen and Pancreas in Rabbit (*Oryctolagus cuniculus*) and Cat (*Felis catus domesticus*). *International Journal of Veterinary Science*, 9(1), pp 58-65.
- Mahmood, H.B., Obead, W.F. and Batah, A.L. 2019. Arterial Distribution for Digestive and Urogenital System in Female Domestic Cats (*Felis Catus Domesticus L*). *Biochem. Cell. Arch.*, 19(2), 3939-3944.
- Mansfield, C.S. and Jones, B.R. 2001. Review of feline pancreatitis part one: the normal feline pancreas, the pathophysiology, classification, prevalence and aetiologies of pancreatitis. *Journal of feline medicine and surgery*, 3(3), pp.117-124.
- Minamoto, Y., Hooda, S., Swanson, K.S. and Suchodolski, J.S. 2012. Feline gastrointestinal microbiota. *Animal Health Research Reviews*, 13(1), pp.64-77.



Murgia, D. 2013. Surgery of the small intestine in dogs and cats. *UK Vet Companion Animal*, 18(3), pp.114-119.

National Research Council of The National Academics. 2006. *Nutrient Requirement of Dogs and Cats*. Washington: The National Academies Press. pp 7, 9-11, 23, 126-127

Negasee, K.A. 2021. Hepatic Diseases in Canine and Feline: A Review. *Veterinary Medicine Open Journal*, 6(1), pp 22-31.

Niemiec, B., Gawor, J., Nemec, A., Clarke, D., McLeod, K., Tutt, C., Gioso, M., Steagall, P.V., Chandler, M., Morgenegg, G. and Jouppi, R. 2020. World small animal veterinary association global dental guidelines. *Journal of Small Animal Practice*, 61(7), pp.36-161.

Nishizawa, Y., Morri, H. and Durlach, J. 2007. *New Perspectives in Magnesium Research*. London: Springer-Verlag. pp 381-382

Noel, A.C. and Hu, D.L. 2018. Cats use hollow papillae to wick saliva into fur. *Proceedings of the National Academy of Sciences*, 115(49), pp.12377-12382.

Otte, C.M., Penning, L.C. and Rothuizen, J., 2017. Feline biliary tree and gallbladder disease: aetiology, diagnosis and treatment. *Journal of feline medicine and surgery*, 19(5), pp.514-528.

Pattengale, P. and Sonsthagen, T. 2014. *Tasks for the Veterinary Assistant, 3rd Edition*. Iowa: John Wiley & Sons. pp 461

Pekel, A.Y., Mülazımoğlu, S.B. and Acar, N., 2020. Taste preferences and diet palatability in cats. *Journal of Applied Animal Research*, 48(1), pp.281-292.

Pelczar, Jr., Chan, E.C.S. and Krieg, N.R. 2010. *Microbiology: An Application Based Approach*. New Delhi: Tata McGraw Hill. pp 40

Perry, R. and Tutt, C. 2015. Periodontal disease in cats: Back to basics—with an eye on the future. *Journal of feline medicine and surgery*, 17(1), pp.45-65

Pollard, R.E., 2012. Imaging evaluation of dogs and cats with dysphagia. *International Scholarly Research Notices*, 2012. pp 1-15.

Pratschke, K. 2005. Surgical diseases of the colon and rectum in small animals. *In Practice*, 27(7), pp.354-362.



- Putri, A.N. and Isnawati. 2022. Morfogenetika Kucing Rumah (*Felis domesticus*) di Ketintang Surabaya Sebagai Sarana Pemuliaan Predator Alami Hewan Pengerat. *LenteraBio: Berkala Ilmiah Biologi*, 11(1), pp.217-225.
- Raff, H. 2003. *Physiology Secrets, 2nd Edition*. Philadelphia: Hanley & Belfus, Inc. pp x
- Rastogi, S.C. 2007. *Essentials of Animal Physiology, 4th Edition*. New Delhi: New Age International (P) Ltd., Publishers. 40, 100, 102, 109-113
- Reece, W.O. 2009. *Functional anatomy and physiology of domestic animals, 4th Edition*. Iowa: Wiley-Blackwell. pp 154-167
- Reece, W.O., Erickson, H.H., Goff, J.P. and Uemura, E.E. 2015. *Dukes' physiology of domestic animals, 13th Edition*. Iowa: John Wiley & Sons. pp 496
- Reem, R.T., Alaa, H.E., Fargali, H.A. and Maher, M.A. 2019. Anatomical forms of domestic cat (*felis catus domesticus*) gall bladder in Egypt with its relation to their biliary system. *Journal of Veterinary Anatomy*, 12(1), pp.35-49.
- Reem, R.T., Maher, M.A., Alaa, H.E. and Farghali, H.A. 2019. Comparative Anatomical, Ultrasonographical and Radiological studies of the biliary system of Rabbits and Domestic cats in Egypt. *bioRxiv*, pp 1-23
- Reiter, A.M. and Soltero-Rivera, M.M. 2014. Applied feline oral anatomy and tooth extraction techniques: an illustrated guide. *Journal of feline medicine and surgery*, 16(11), pp 900-913.
- Rochus, K., Janssens, G.P. and Hesta, M. 2014. Dietary fibre and the importance of the gut microbiota in feline nutrition: a review. *Nutrition research reviews*, 27(2), pp.295-307.
- Rutland, C.S. and Kubale, V. 2019. *Veterinary Anatomy and Physiology, Intech Open Book Series: Veterinary Medicine and Science, Vol 2*. London: Intech Open. pp 1,4
- Saverino, K.M. and Reiter, A.M., 2018. Clinical Presentation, Causes, Treatment, and Outcome of Lip Avulsion Injuries in Dogs and Cats: 24 Cases (2001–2017). *Frontiers in Veterinary Science*, 5(144), pp 1-11.
- Schaer, M. and Gaschen, F. 2016. *Clinical Medicine of the Dog and Cat, 3rd Edition*. Florida: CRC Press. pp. 313, 534
- Schulze, K.S. 2015. The imaging and modelling of the physical processes involved in digestion and absorption. *Acta Physiologica*, 213(2), pp.394-405.



Sfetcu, N. 2006. *About Cats*. Bucharest: Nicolae Sfetcu. pp 66-67

Shoeib, M.B., Rizk, A.Z. and Hassanin, A.M. 2014. Comparative morphological studies on lyssa in carnivores and camels with special reference to its surgical resection. *Journal of Advanced Veterinary Research*, 4(3), pp.135-141.

Shreve, K.R.V. and Udell, M.A. 2017. Stress, security, and scent: The influence of chemical signals on the social lives of domestic cats and implications for applied settings. *Applied Animal Behaviour Science*, 187, pp 69-76.

Spillmann, T., Jacob, I., Steiner, J.M., Williams, D.A. and Failing, K. 2000. Serum feline trypsin-like immunoreactivity following administration of ceruleotide to healthy cats. *American journal of veterinary research*, 61(8), pp.925-927.

Spirina, A.S. and Crossley, D.A. 2021. Alveolar bone pathology associated with delayed permanent tooth eruption in a cat—a case study. *Acta Veterinaria Brno*, 90(4), pp.415-420

Stavrianos, C., Aggelakopoulos, N., Stavrianou, P., Pantelidou, O., Vasiliadis, L. and Grigoropoulos, L., 2011. Comparison of human and dogs bite marks. *J Vet Adv*, 10(20), pp.2649-2654

Stengel, C., Robertson, E. and Neiger, R., 2013. Gastrointestinal endoscopy in the cat: equipment, techniques and normal findings. *Journal of feline medicine and surgery*, 15(11), pp.977-991.

Thatcher, G., 2019. Diagnosis and management of Class II malocclusion. *The Canadian Veterinary Journal*, 60(7), pp 791-795.

Thompson, K.A., Parnell, N.K., Hohenhaus, A.E., Moore, G.E. and Rondeau, M.P. 2009. Feline exocrine pancreatic insufficiency: 16 cases (1992–2007)*. *Journal of feline medicine and surgery*, 11(12), pp.935-940.

Thrall, D.E. and Robertson, I.D. 2011. *Atlas of Normal Radiographic Anatomy and Anatomic Variants in the Dog and Cat*. Missouri: Elsevier Saunders.

Tolbert, M.K., Olin, S., MacLane, S., Gould, E., Steiner, J.M., Vaden, S. and Price, J. 2017. Evaluation of gastric pH and serum gastrin concentrations in cats with chronic kidney disease. *Journal of veterinary internal medicine*, 31(5), pp.1414-1419.

Tolbert, M.K., 2021. Gastroprotective therapy. *Veterinary Clinics: Small Animal Practice*, 51(1), pp.33-41.



- Tsioli, V., Brellou, G., Siziopkou, C., Vamvakou, M., Georgaki, V., Voutsinou, A., Mastora, C. and Papazoglou, L.G. 2015. Sialocele in the cat. A report of 2 cases. *Journal of the Hellenic Veterinary Medical Society*, 66(3), pp.141-146.
- Verbrugghe, A., Hesta, M., Daminet, S. and Janssens, G.P. 2012. Nutritional modulation of insulin resistance in the true carnivorous cat: a review. *Critical reviews in food science and nutrition*, 52(2), pp.172-182.
- Verbrugghe, A. and Hesta, M., 2017. Cats and carbohydrates: the carnivore fantasy?. *Veterinary sciences*, 4(55), pp 1-22.
- Waschke, J., Böckers, T.M. and Paulsen, F. 2019. *Sobotta anatomy textbook: English edition with Latin nomenclature*. Munich: Elsevier Health Sciences. pp 5
- Washabau, R.J. and Day, M.J. 2013. *Canine and Feline Gastroenterology*. Missouri: Elsevier Saunders. pp 16-19, 35, 540, 542-543, 572, 653, 729-731, 779-781, 799-802, 851-853
- Whitehead, K., Cortes, Y. and Eirmann, L. 2016. Gastrointestinal dysmotility disorders in critically ill dogs and cats. *Journal of veterinary emergency and critical care*, 26(2), pp.234-253.
- Xenoulis, P.G. and Steiner, J.M. 2010. Lipid metabolism and hyperlipidemia in dogs. *The Veterinary Journal*, 183(1), pp.12-21.
- Zaghini, G. and Biagi, G. 2005. Nutritional peculiarities and diet palatability in the cat. *Veterinary research communications*, 29(2), pp.39-44.
- Zoran, D.L. 2002. The carnivore connection to nutrition in cats. *Journal of the American Veterinary Medical Association*, 221(11), pp.1559-1567.
- Zoran, D. 2003. Nutritional management of gastrointestinal disease. *Clinical techniques in small animal practice*, 18(4), pp.211-217.