

REFERENCES

- Anonymous. 2017. *Further evidence on the suffering of flat-faced cats*. <https://icatcare.org/further-evidence-on-the-suffering-of-flat-faced-cats/>. Retrieved on 14 June 2023.
- Anonymous. 2022. *Cats Oral Health: myths & science*. <https://thelittlecarnivore.com/en/blog/cats-oral-health-myths-and-science>. Retrieved on 18 May 2023.
- Arzi, B., Mills-Ko, E., Verstraete, F. J. M., Kol, A., Walker, N. J., Badgley, M. R., Fazel, N., Murphy, W. J., Vapniarsky, N. and Borjesson, D. L. (2016). Therapeutic Efficacy of Fresh, Autologous Mesenchymal Stem Cells for Severe Refractory Gingivostomatitis in Cats. *Stem Cells Translational Medicine*. 5 : 75-86.
- Arzi, B., Murphy, B., Baumgarth, N., Vapniarsky, N., Nemec, A., Naydan, D. K., Cox, D. P. and Verstraete, F. J. M. (2010a). Analysis of Immune Cells within the Healthy Oral Mucosa of Specific Pathogen-Free Cats. *Anatomia Histologia Embryologia*. 40 : 1-10.
- Arzi, B., Murphy, B., Cox, D. P., Vapniarsky, N., Kass, P. H. and Verstraete, F. J. M. (2010b). Presence and Quantification of Mast Cells in the Gingiva of Cats with Tooth Resorption, Periodontitis and Chronic Stomatitis. *Archives of Oral Biology*. 55 : 148-154.
- Belgard, S., Truyen, U., Thibault, J. C., Sauter-Louis, C. and Hartmann, K. (2010). Relevance of Feline Calicivirus, Feline Immunodeficiency Virus, Feline Leukemia Virus, Feline Herpesvirus and *Bartonella Henselae* in Cats with Chronic Gingivostomatitis. *Berl Munch Tierarztl Wochenschr*. 123 (9-10) : 369-376.
- Bellei, E., Dalla, F., Masetti, L., Pisoni, L. and Joechler, M. (2008). Surgical Therapy in Chronic Feline Gingivostomatitis (FCGS). *Veterinary Research Communications*. 32 (1) : S231-S234.
- Bellow, J. (2019). *Small Animal Dental Equipment, Materials and Techniques 2nd Edition*. Wiley Blackwell. USA. 100-111.
- Bellows, J. (2010). *Feline Dentistry : Oral Assessment, Treatment and Preventative Care 1st Edition*. Wiley-Blackwell. Iowa. 78-82.
- Berger, A., Willi, B., Meli, M. L, Boretto, F. S., Hartnack, S., Dreyfus, A., Lutz, H. and Hofmann-Lehmann, R. (2015). Feline Calicivirus and Other Respiratory Pathogens in Cats with Feline Calicivirus-Related Symptoms and in Clinically Healthy Cats in Switzerland. *BMC Vet Res*. 11 : 282.
- Berkovitz, B. and Shellis, P. (2018). *The Teeth of Mammalian Vertebrates*. Academic Press. Oxford. 5.

- Bloor, C. (2013). Gingivostomatitis : An Update. *The Veterinary Nurse*. 4 : 400-407.
- Burling, A. N., Levy, J. K., Scott, H. M., Crandall, M. M., Tucker, S. J., Wood, E. G. and Foster, J. D. (2017). Seroprevalences of Feline Leukemia Virus and Feline Immunodeficiency Virus Infection in Cats in the United States and Canada and Risk Factors for Seropositivity. *J. Am. Vet. Med. Assoc.* 251 : 187-194.
- Cannon, M. (2015). Feline Chronic Gingivostomatitis. *Companion Animal*. 20 : 616-623.
- Capík, I. (2010). Periodontal Health vs. Various Preventive Means in Toy Dog Breeds. *Acta Veterinária Brunensis*. 79(4) : 637 – 645.
- Case, L. P., Daristotle, L., Hayek, M. G. and Raasch, M. F. (2010). *Canine and Feline Nutrition: A Resource for Companion Animal Professionals 3rd Edition*. Mosby. Missouri. 439-440.
- Chilukuri, P., Odufalu, F. and Hachem, C. (2018). Dysphagia. *Mo Med*. 115 : 206-210.
- Day, M. J. (2012). *Clinical Immunology of the Dog and Cat 2nd Edition*. Manson Publishing. London. 205-207.
- Dolieslager, S. M. J. (2012). Studies on the Aetiopathogenesis of Feline Chronic Gingivostomatitis. Thesis. College of Medical, Veterinary & Life Sciences, University of Glasgow.
- Dolieslager, S. M. J., Riggio, M. P., Lennon, A., Lappin, D. F., Johnston, N., Taylor, D. and Bennett, D. (2011). Identification of Bacteria Associated with Feline Chronic Gingivostomatitis Using Culture-Dependent and Culture-Independent Methods. *Microbiology*. 148 : 93-98.
- Dowers, K. L., Hawley, J. R., Brewer, M. M., Morris, A. K., Radecki, S. V. and Lappin, M. R. (2010). Association of *Bartonella* species, Feline Calicivirus and Feline Herpesvirus-1 Infection with Gingivostomatitis in Cats. *Journal of Feline Medicine and Surgery*. 12 : 314-321.
- Druet, I. and Hennet, P. (2017). Relationship between Feline calicivirus Load, Oral Lesions, and Outcome in Feline Chronic Gingivostomatitis (Caudal Stomatitis) : Retrospective Study in 104 Cats. *Front. Vet. Sci.* 4 : 1-7.
- Farcas, N., Lommer, M. J. and Kass, P. H. (2014). Dental Radiographic Findings in Cats with Chronic Gingivostomatitis (2002-2012). *J. Am. Vet. Med. Assoc.* 244 : 339-345.
- Fernandez, M., Manzanilla, E. G., Lloret, A., Leon, M. and Thibault, J. C. (2017). Prevalence of Feline Herpesvirus-1, Feline Calicivirus, *Chlamydophila felis* and *Mycoplasma felis* DNA and Associated Risk Factors in Cats in Spain with Upper

- Respiratory Tract Disease, Conjunctivitis and/or Gingivostomatitis. *J. Feline Med. Surg.* 19 : 461-469.
- Gates, M., Hinds, H. and Dale, A. (2017). Preliminary Description of Aging Cats and Dogs Presented to a New Zealand First-Opinion Veterinary Clinic at End-of-Life. *N Z Vet. J.* 65 : 313–317.
- Gawor, J. P., Reiter, A. M., Jodkowska, K., Kurski, G., Wojtacki, M. P. and Kurek, A. (2006). Influence of Diet on Oral Health in Cats and Dogs. *The Journal of Nutrition.* 136 (7) : 2021S-2023S.
- Gioso, M. A. (2003). *Dentistry for the Small Animal Clinic 5th Edition.* iEditora. São Paulo. 202.
- Girard, N., Servet, E., Biourge, V., and Hennet, P. (2009). Periodontal Health Status in a Colony of 109 Cats. *J. Vet. Dent.* 26 : 147–155.
- Gorrel, C. (2004). *Veterinary Dentistry For The General Practitioner 1st Edition.* Elsevier Saunders. Oxford. Page.
- Gosuen, F., Ventura, de Oliveira-Ventura, V. N., de Oliveira, A. R., Dias, L. G. G. G., de Oliveira-Muniz, K. V., Reis, L. O. and de Freitas-Pereira, L. (2020). Retrospective Analysis of Dogs and Cats Diagnosed with Periodontal Disease in the Dentistry Sector at the University of Franca and the Relationship with Predisposing Factors. *Research and Society and Development.* 9(10) : 1 – 11.
- Gracis, M. 2015. *Inflammatory Oral Diseases in Cats.* <https://www.vin.com/apputil/content/defaultadv1.aspx?pId=14365&catId=73677&id=7259299> . Retrieved on 20 May 2023.
- Greenfield, B. 2016. *Chronic Feline Gingivostomatitis : Proven Therapeutic Approaches and New Treatment Options.* <https://todaysveterinarypractice.com/dentistry/chronic-feline-gingivostomatitis-proven-therapeutic-approaches-new-treatment-optionsce-article/> . Retrieved on 23 February 2023.
- Haidary, M. H., Radzi, R., Aslam, M. W., Lau, S. F., Kamal, F. M. and Radzali, A. R. (2022). Retrospective Study of Clinical Manifestations and Multiple Treatment Outcomes in 57 Cats Diagnosed with Feline Chronic Gingivostomatitis. *Journal of Animal Health and Production.* 10 : 51-59.
- Hall, E., Williams, D. A. and Kathrani, A. (2020). *BSAVA Manual of Canine and Feline Gastroenterology (BSAVA British Small Animal Veterinary Association) 3rd Edition.* British Small Animal Veterinary Association. Gloucester. 60-63.
- Harris, S., Croft, J., O’Flynn, C., Deusch, O., Colyer, A., Allsopp, J., Milella, L. and Davis, I. J. (2015). A Pyrosequencing Investigation of Differences in the Feline Subgingival Microbiota in Health, Gingivitis and Mild Periodontitis. *PLOS ONE.* 10 (11) : 1-22.

- Healey, K. A. E., Dawson, S., Burrow, R., Cripps, P., Gaskell, C. J., Hart, C. A., Pinchbeck, G. L., Radford, A. D. and Gaskell, R. M. (2007). Prevalence of Feline Chronic Gingivostomatitis in First Opinion Veterinary Practice. *Journal of Feline Medicine and Surgery*. 9(5) : 373-381.
- Hennet, P. (1997). Chronic Gingivostomatitis in Cats: Long-Term Follow-Up of 30 Cases Treated by Dental Extractions. *Journal of Veterinary Dentistry*. 14 : 15-21.
- Hennet, P. R., Camy, G. A. L., Mcgahie, D. M. and Albouy, M. V. (2011). Comparative Efficacy Of A Recombinant Feline Interferon Omega In Refractory Cases Of Calicivirus-Positive Cats With Caudal Stomatitis: A Randomised, Multi-Centre, Controlled, Double-Blind Study In 39 Cats. *Journal Of Feline Medicine And Surgery*. 13 : 577-587.
- Hofmann-Lehmann, R. and Harmann, K. (2021). Feline Leukaemia Virus Infection – ABCD Recommendations And Review Of The Literature. *J. Feline Med. Surg*. 1-126.
- Hofmann-Lehmann, R., Hosie, M. J., Hartmann, K., Egberink, H., Truyen, U., Tasker, S., Belak, S., Boucraut-Baralon, C., Frymus, T., Lloret, A., Marsilio, F., Pennisi, M. G., Addie, D. D., Lutz, H., Thiry, E., Radford, A. D. and Mostl, K. (2022). Calicivirus Infection in Cats. *Viruses*. 14 : 937.
- Ingham, K. E., Gorrel, C. and Bierer, T. L. (2002). Effect of a Dental Chew on Dental Substrates and Gingivitis in Cat. *Journal of Veterinary Dentistry*. 19 (4) : 201-204.
- Jennings, M. W., Lewis, J. R., Soltero-Rivera, M. M., Brown, D. C. and Reiter, A. M. (2015). Effect of Tooth Extraction on Stomatitis in Cats: 95 cases (2000–2013). *J. Am. Vet. Med. Assoc*. 246 : 654–660.
- Johnessee, J. S. and Hurvitz, A. I. (1983). Feline Plasma-Cell Gingivitis-Pharyngitis. *Journal of the American Animal Hospital Association*. 19 : 179-181.
- Kouki, M. I., Papadimitriou, S. A., Psalla, D., Kolokotronis, A. and Rallis, T. S. (2017). Chronic Gingivostomatitis with Esophagitis in Cats. *J. Vet. Intern Med*. 31 : 1673–1679.
- Kucuk, A. and Yildirim, Y. (2018). Felide Herpesvirus–1 Infection. *Etlik Vet. Mikrobiol Journal*. 29 : 76-81.
- Lee, D. B., Verstraete, F. J. M. and Arzi, B. (2020). An Update on Feline Chronic Gingivostomatitis. *Vet. Clin. North. Am. Small Anim. Pract*. 50 : 973-982.
- Lobprise, H. B. and Dodd, J. R. (2019). *Wigg's Veterinary Dentistry : Principles and Practice 2nd Editon*. Wiley Blackwell. New Jersey. 31; 446-453.
- Logan, E. I. (2006). Dietary Influences on Periodontal Health in Dogs and Cats. *Veterinary Clinics Small Animal Practice*. 36(1) : 1385 – 1401.

- Lommer, M. J. (2013). Efficacy of Cyclosporine for Chronic, Refractory Stomatitis in Cats: A Randomized, Placebo-Controlled, Double-Blinded Clinical Study. *J. of Vet. Dent.* 30 : 8–17.
- Maciel, R. M., Mazaro, R. D., Silva, J. P. F., Lorenzetti, D. M., Herbichi, A., Paz, M. C., Danesi, C. C. and Figuera, R. A. (2020). Periodontal Disease and its Complications in Cats from a Shelter in the Central Region of Rio Grande do Sul. *Small Animal Diseases.* 40(9) : 696–706.
- Maes, R. (2012). Felid Herpesvirus type 1 Infection in Cats: A Natural Host Model for Alpha herpesvirus Pathogenesis. *ISRN Vet. Sci.* 1-14.
- Martijn P. C. M. (2009). Prevalence of Feline Calicivirus in Cats with Chronic Gingivitis Stomatitis and Potential Risk Factors. Thesis. Faculty of Veterinary Medicine, Utrecht University.
- Mestrinho L. A., Runhau, J., Braganca, M. and Niza, M. M. (2013). Risk Assessment of Feline Tooth Resorption : A Portuguese Clinical Case Control Study. *J. Vet. Dent.* 30 : 78–83.
- Mestrinho, L. A., Louro, J. M., Gordo, I. S., Niza, M. M. R. E., Requicha, J. F., Force, J. G. and Gawor, J. P. (2018). Oral and Dental Anomalies in Purebred, Brachycephalic Persian and Exotic cats. *Journal of the American Veterinary Medical Association.* 253(1) : 66–72.
- Milella, L. (2012). Prophylactic Dental Care in Cats. *Veterinary Nursing Journal.* 27(1) : 14–16.
- Miller, C., Boegler, K., Carver, S., MacMillan, M., Bielefeldt-Ohmann, H. and VandeWoude, S. (2017). Pathogenesis of Oral FIV Infection. *PLOS ONE.* 12 : 1-24.
- Moy, A. J. and Tunnell, J. W. (2016). Diffuse Reflectance Spectroscopy and Imaging. *Imaging in Dermatology.* 203–215.
- Nakanishi, H., Furuya, M., Soma, T., Hayashiuchi, Y., Yoshiuchi, R., Matsubayashi, M., Tani, H. and Sasai, K. (2018). Prevalence of Microorganisms Associated with Feline Gingivostomatitis. *Journal of Feline Medicine and Surgery.* 21 : 103-108.
- Nelson, R. W. and Cuoto, C. G. (2009). *Small Animal Internal Medicine 4th Edition.* Elsevier. Missouri. 417.
- Pedersen, N. C. (1992). Inflammatory Oral Cavity Diseases of the Cat. *Vet. Clin. North Am. Small Anim. Pract.* 22 : 1323–1345.
- Peralta, S. and Carney, P. C. (2019). Feline Chronic Gingivostomatitis is More Prevalent in Shared Households and Its Risk Correlates with the Number of Cohabiting Cats. *J. Feline Med. Surg.* 21 : 1165-1171.

- Perry, R. 2022. *Gingivitis or Gingivostomatitis - What's The Difference?* <https://www.ndsr.co.uk/veterinary-professionals/insight/news-182-gingivitis-or-gingivostomatitis-whats-the-difference> . Retrieved on 23 February 2023.
- Perry, R. and Tutt, C. (2014). Periodontal Disease in Cats : Back to Basics – with an Eye on the Future. *Journal of Feline Medicine and Surgery*. 17 : 45-65.
- Philipsen, B. B. (2019). Dysphagia - Pathophysiology of Swallowing Dysfunction, Symptoms, Diagnosis and Treatment. *J. of Otolaryngology and Rhinology*. 5 : 63.
- Praint, U. Y. A., Soma, I. G. and Erawan, I. G. M. K. (2021). Laporan Kasus : Gingivostomatitis dan Infeksi Ektoparasit *Otodectes cynotis* pada Kuping Kucing Lokal. *Indonesia Medicus Veterinus*. 10 : 478-492.
- Quimby, J. M., Elston, T., Hawley, J., Brewer, M., Miller, A. and Lappin, M. R. (2008). Evaluation of the Association of *Bartonella* species, Feline Herpesvirus-1, Feline Calicivirus, Feline Leukemia Virus and Feline Immunodeficiency Virus with Chronic Feline Gingivostomatitis. *Journal of Feline Medicine and Surgery*. 10 (1) : 66-72.
- Quimby, J., Gowland, S., Carney, H. C., DePorter, T., Plummer, P. and Westropp, J. (2021). 2021 AAHA/AAFP Feline Life Stage Guidelines. *Journal of Feline Medicine and Surgery*. 23(3) : 211 – 233.
- Reiter, A. M. and Rivera, M. M. S. (2014). Applied Feline Oral Anatomy and Tooth Extraction Techniques : An Illustrated Guide. *Journal of Feline Medicine and Surgery*. 16 : 900-903.
- Reubel, G., Hoffman, D. E. and Pedersen, N. C. (1992). Acute and Chronic Fauritis of Domestic Cats : A Feline Calicivirus Induced Disease. *Vet. Clin. North Am. Small Anim.. Pract.* 22 (6) : 1347-1360.
- Rodrigues, M. X., Bicalho, R. C., Fiani, N., Lima, S. F. and Peralta, S. (2019). The Subgingival Microbial Community of Feline Periodontitis and Gingivostomatitis : Characterization and Comparison between Diseased and Healthy Cats. *Sc. Rep.* 9 : 12340.
- Rolim, V. M., Pavarini, S. P., Campos, F. S., Pignone, V., Faraco, C., Muccillo, M. D. S., Roehe, P. M., da Costa, F. V. A. and Driemeier, D. (2016). Clinical, Pathological, Immunohistochemical and Molecular Characterization of Feline Chronic Gingivostomatitis. *J. Feline Med. Surg.* 19 : 403-409.
- Rolim, V. M., Pavarini, S. P., Campos, F. S., Pignone, V., Faraco, C., Muccillo, M. S., Roehe, P. M., da Costa, F. V. A., and Driemeier, D. (2017). Clinical, Pathological, Immunohistochemical and Molecular Characterization of Feline Chronic Gingivostomatitis. *Journal of Feline Medicine and Surgery*. 19(4) : 403–409.

- Santos, N. S., Carlos, R. S. A., and Albuquerque, G. R. (2012). Periodontal Disease in Dogs and Cats. *Scientific Journal of Veterinary Medicine - Small Animals and Pets*. 10(32) : 1 – 12.
- Schmidt, M. J., Kampschulte, M., Enderlein, S., Gorgas, D., Lang, J., Ludewig, E., Fischer, A., Meyer-Lindenberg, A., Schaubmar, A. R., Failing, K. and Ondreka, N. (2017). The Relationship between Brachycephalic Head Features in Modern Persian Cats and Dymorphologies of the Skull and Internal Hydrocephalus. *Journal of Veterinary Internal Medicine*. 31(5) : 1487 – 1501.
- Schwitzer, N. 2022. *Feline Chronic Gingivostomatitis and Caudal Feline Malocclusion: Treating Each in First Opinion Practice*. <https://www.veterinaryirelandjournal.com/small-animal/281-feline-chronic-gingivostomatitis-and-caudal-feline-malocclusion-treating-each-in-first-opinion-practice> . Retrieved on 23 February 2023.
- Silva, A. S. D., Hertel, F. C., Loterio, M. P., Cota, J. M., Rodrigues, B. G., Santos, M. R. and Reis, E. C. C. (2018). Feline Chronic Gingivostomatitis with Calicivirus Infection : Case Report. *Braz. J. Vet. Res. Anim. Sci*. 55 : 1-5.
- Smithson, A. J. (2014). Disease facts : Feline Periodontitis Disease. *Companion Animal*. 19(12) : 626-630.
- Soltero-Rivera, M., Vapniarsky, N., Rivas, I. L. and Arzi, B. (2023). Clinical, Radiographic and Histopathologic Features of Early-Onset Gingivitis and Periodontitis in Cats (1997–2022). *Journal of Feline Medicine and Surgery*. 25(1).
- Southerden, P. (2010). Review Of Feline Oral Disease 1 : Periodontitis And Chronic Gingivostomatitis. *In Practice*. 32 : 2-7.
- Southerden, P. and Gorrel, C. (2007). Treatment Of A Case Of Refractory Feline Chronic Gingivostomatitis With Feline Recombinant Interferon Omega. *Journal Of Small Animal Practice*. 48 : 104 – 106.
- Sykes, J. E. (2013). Feline Immunodeficiency Virus Infection. *Canine and Feline Infectious Disease*. 209-223.
- Tannock, G. W., Webster, J. R. and Dobbinso, S. S. (1988). Feline Gingivitis. *New Zealand Veterinary Journal*. 36(2) : 93-94.
- Taylor, S., Chan, D. L., Villaverde, C., Ryan, L., Peron, F., Quimby, J., O'Brien, C. and Chalhoub, S. (2022). 2022 ISFM Consensus Guidelines on Management of the Inappetent Hospitalised Cat. *J. Feline. Med. Surg*. 24 : 614-640.
- Thiry, E., Addie, D., Belak, S., Boucraut-Baralon, C., Egberink, H., Frymus T., Gruffydd-Jones, T., Hartmann, K., Hosie, M. J., Lloret, A., Lutz, H., Marsilio, F., Pennisi, M. G., Radford, A. D., Truyen, U. and Horzinek, M. C. (2009). Feline Herpesvirus Infection : ABCD Guidelines on Prevention and Management. *J. Feline. Med. Surg*. 11 : 547-555.

- Tian, J., Liu, Y., Liu, X., Sun, X., Zhang, J. and Qu, L. (2018). Feline Herpesvirus-1 US3 Blocks the Type I Interferon Signal Pathway by Targeting Interferon Regulatory Factor 3 Dimerization in a Kinase-Independent Manner. *J. Virol.* 92 : 1-31.
- Tizard, I. R. (2021). Feline Vaccines. *Vaccines for Veterinarian*, 167-178.
- Tsang, W., Linde, A., Krumbeck, J. A., Wu, G., Kim, Y. J., Lushington, G. H. and Melgarejo, T. (2021). Occurrence of Antimicrobial Resistance Genes in the Oral Cavity of Cats with Chronic Gingivostomatitis. *Animals.* 11 : 1-8.
- Verhaert, L., and Van Wetter, C. (2004). Survey of Oral Diseases in Cats in Flanders. *Vlaams Diergeneeskundig Tijdschrift.* 73 : 331–340.
- Verstraete, F. J. M., Lommer, M. J. and Arzi, B. (2020). *Oral and Maxillofacial Surgery in Dogs and Cats 2nd Edition*. Elsevier. Missouri. 457.
- Westman, M. E., Paul, A., Malik, R., McDonagh, P., Ward, M. P., Hall, E. and Norris, J. M. (2016). Seroprevalence of Feline Immunodeficiency Virus and Feline Leukaemia Virus in Australia : Risk Factors for Infection and Geographical Influences (2011–2013). *JFMS Open Rep.* 2 : 1–11.
- Winer, J. N., Arzi, B. and Verstraete, F. J. M. (2016). Therapeutic Management of Feline Chronic Gingivostomatitis : A Systemic Review of the Literature. *Front. Vet. Sci.* 3 : 1-10.
- Yamaki, S., Tachibana, M., Hachimura, H., Ogawa, M., Kanegae, S., Amimoto, H., Shimizu, T., Watanabe, K., Watarai, M. and Amimoto, A. (2023). The Association between Gingivitis and Oral Spirochetes in Young Cats and Dogs. *PLOS ONE.* 18(1) : 1 – 8.
- Zimmermann, R., Delius, J., Friedrichs, J., Stehl, S., Hofmann, T., Hannig, C., Werner, C. and Hannig, M. (2019). Impact of Oral Astringent Stimuli on Surface Charge and Morphology of the Protein-Rich Pellicle at the Tooth–Saliva Interphase. *Colloids and Surfaces B.* 174 (1) : 451 – 458.