

## VDOS Clinical Rounds/Journal Clubs (Salivary Gland Disorders)

### Publications discussed on July 9, 2021 and July 10, 2021

#### Anatomy

- Kneissl S, Weidner S, Probst A. CT sialography in the dog - a cadaver study. *Anatomia Histologia Embryologia* 2011; 40: 397-401.
- Weidner S, Probst A, Kneissl S. MR anatomy of salivary glands in the dog. *Anatomia Histologia Embryologia* 2012; 41: 149-153.
- Durand A, Finck M, Sullivan M, Hammond G. Computed tomography and magnetic resonance diagnosis of variations in the anatomical location of the major salivary glands in 1680 dogs and 187 cats. *Veterinary Journal* 2016; 209: 156-162.
- Gil F, Arencibia A, García V, Ramírez G, Vázquez JM. Anatomic and magnetic resonance imaging features of the salivary glands in the dog. *Anatomy Histology and Embryology* 2018; 47: 551-559.

#### 'Drooling'

- Harrison JD, Garrett JR. Histological effects of ductal ligation of salivary glands of the cat. *Journal of Pathology* 1976; 118: 245-254.
- Shaari CM, Wu BL, Biller HF, Chuang SK, Sanders I. Botulinum toxin decreases salivation from canine submandibular glands. *Otolaryngology Head and Neck Surgery* 1998; 118: 452-457.
- Abbas F, Farid R, Nada I, et al. Evaluation of ethanolamine oleate sclerotherapy on the submandibular glands of canines as a potential therapy for sialorrhea. *International Journal of Pediatric Otorhinolaryngology* 2013; 77: 351-355.

#### Review of Salivary Gland Disorders

- Lieske DE, Rissi DR. A retrospective study of salivary gland diseases in 179 dogs (2010-2018). *Journal of Veterinary Diagnostic Investigation* 2020; 32: 604-610.

#### Sialadenitis

- Han H, Mann FA, Park JY. Canine sialolithiasis: Two case reports with breed, gender, and age distribution of 29 cases (1964-2010). *Journal of the American Animal Hospital Association* 2016; 52: 22-26.
- Cannon MS, Paglia D, Zwingenberger AL, et al. Clinical and diagnostic imaging findings in dogs with zygomatic sialadenitis: 11 cases (1990-2009). *Journal of the American Veterinary Medical Association* 2011; 239: 1211-1218.

#### Sialadenosis and Necrotizing Sialometaplasia

- Boydell P, Pike R, Crossley D, Whitbread T. Sialadenosis in dogs. *Journal of the American Veterinary Medical Association* 2000; 216: 872-874.
- Sozmen M, Brown PJ, Whitbread TJ. Idiopathic salivary gland enlargement (sialadenosis) in dogs: a microscopic study. *Journal of Small Animal Practice* 2000; 41: 243-247.
- Boydell P, Pike R, Crossley D. Presumptive sialadenosis in a cat. *Journal of Small Animal Practice* 2000; 41: 573-574.

- Alcoverro E, Tabar MD, Lloret A, Roura X, Pastor J, Planellas M. Phenobarbital-responsive sialadenosis in dogs: case series. *Topics in Companion Animal Medicine* 2014; 29: 109-112.
- Cattai A, Levorato S, Franci P. A case of acute postoperative transitory sialadenosis of the submandibular glands in a healthy dog. *Journal of Veterinary Medical Science* 2017; 78: 1907-1910.
- Chae HK, Lee JH, Choi MC, Song WJ, Youn HY. Successful treatment of a dog with phenobarbital-responsive sialadenosis and an oesophageal stricture. *Veterinary Medicine and Science* 2021; Jan 7. doi: 10.1002/vms3.416.
- Brown PJ, Bradshaw JM, Sozmen M, Campbell RH. Feline necrotising sialometaplasia: a report of two cases. *Journal of Feline Medicine and Surgery* 2004; 6: 279-281.

### Salivary Gland Neoplasia

- Brown PJ, Lucke VM, Sozmen M, Whitbread TJ, Wyatt JM. Lipomatous infiltration of the canine salivary gland. *Journal of Small Animal Practice* 1997; 38: 234-236.
- Serras AR, Rasotto R, Piccinno F, et al. Lipomatosis of the parotid salivary gland: 2 case reports and review of the literature on fat-containing salivary gland lesions. *International Journal of Veterinary Science and Medicine* 2018; 6: 253-257.
- Hammer A, Getzy D, Ogilvie G, Upton M, Klausner J, Kisseberth WC. Salivary gland neoplasia in the dog and cat: survival times and prognostic factors. *Journal of the American Animal Hospital Association* 2001; 37: 478-782.
- Blackwood L, Harper A, Elliott J, Gramer I. External beam radiotherapy for the treatment of feline salivary gland carcinoma: six new cases and a review of the literature. *Journal of Feline Medicine and Surgery* 2019; 21: 186-194.
- Cray M, Selmic LE, Ruple A. Salivary neoplasia in dogs and cats: 1996-2017. *Veterinary Medicine and Science* 2020; 6: 259-264.

### Sialoceles

- Hulland TJ, Archibald J. Salivary mucoceles in dogs. *Canadian Veterinary Journal* 1964; 5: 109-117.
- Glen JB. Canine salivary mucoceles. Results of sialographic examination and surgical treatment of fifty cases. *Journal of Small Animal Practice* 1972; 13: 515-526.
- Ritter MJ, von Pfeil DJ, Stanley BJ, et al. Mandibular and sublingual sialoceles in the dog: a retrospective evaluation of 41 cases, using the ventral approach for treatment. *New Zealand Veterinary Journal* 2006; 54: 333-337.
- Benjamino KP, Birchard SJ, Niles JD, Penrod KD. Pharyngeal mucoceles in dogs: 14 cases. *Journal of the American Animal Hospital Association* 2012; 48: 31-35.
- Marsh A, Adin C. Tunneling under the digastricus muscle increases salivary duct exposure and completeness of excision in mandibular and sublingual sialoadenectomy in dogs. *Veterinary Surgery* 2013; 42: 238-242.
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- Bassanino J, Palierno S, Blondel M, Reynolds BS. Sublingual sialocele in a cat. *Journal of Feline Medicine and Surgery Open Reports* 2019;5(1):2055116919833249. doi: 10.1177/2055116919833249.

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- Dörner J, Oberbacher S, Dupré G. Comparison of three surgical approaches for zygomatic sialoadenectomy in canine cadavers. *Veterinary Surgery* 2021; 50: 564-570.
- Proot JL, Nelissen P, Ladlow JF, Bowlt Blacklock K, Kulendra N, de la Puerta B, Sheahan DE. Parotidectomy for the treatment of parotid sialocele in 14 dogs. *Journal of Small Animal Practice* 2016; 57: 79-83.
- Gordo I, Camarasa JJ, Campmany M, Bird FG, Vallefucio R, Brissot HN. The use of methylene blue to assist with parotid sialadenectomy in dogs. *Journal of Small Animal Practice* 2020; 61: 689-695.
- Poirier VJ, Mayer-Stankeová S, Buchholz J, Vail DM, Kaser Hotz B. Efficacy of radiation therapy for the treatment of sialocele in dogs. *Journal of Veterinary Internal Medicine* 2018; 32: 107-110.
- Ortillés Á, Leiva M, Allgoewer I, Peña MT. Intracanalicular injection of N-acetylcysteine as adjunctive treatment for sialoceles in dogs: 25 cases (2000-2017). *Journal of the American Veterinary Medical Association* 2020; 257: 826-832.