



**PATIENT PRESENTING CLINICAL SIGNS**

Frankie Di Rocco suspected left sided sialocele. swelling on his chin was initially noticed approximately 1 year ago, which has gotten larger and firmer in the last couple of months. salivary ranula resected/marsupialized (2 years ago). The swelling was noticed ~1 year following the surgical procedure.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: Drained ~60-70mls of dark red, bloody, suspected saliva post-CT. Sent off for culture/sensitivity and cytology.

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD AND CERVICAL SOFT TISSUE**

**BREED** A high resolution pre and pos-contrast study of the head and cervical soft tissue are provided for review, totaling 5 series. Two pre-contrast series, bone and soft tissue algorithm. Three post-contrast series, bone and soft tissue algorithm.

Border Collie X

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX** Located within the ventral cervical subcutis, adjacent to the level of the left side of the larynx and traveling superficially to the mandible and mylohyoideus muscle, a large elongated, enhanced thin walled and hypoattenuating fluid-filled structure are seen. This structure is contiguous to the left salivary mandibular gland, between the gland and the ipsilateral hyoid apparatus. It measures approximately 7.7cm x 6.9cm x 7.6cm. However, the adjacent tissue of the ipsilateral salivary gland is normal in size and shape. Except for two pinpoint mineral foci seen within the ventral border of the wall of this fluid-filled structure, likely the previous surgical stitches, there is no evidence of mineral structures adjacent to or inside the fluid-filled structure.

**M**

**AGE** 4 Years

**INTERPRETED BY**

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The right salivary mandibular gland is normal in size, shape and attenuation.

No evidence of similar enlarged structures intraoral in the region of the sublingual glands.

The parotid and zygomatic glands are unremarkable.

The retropharyngeal and mandibular lymph nodes are unremarkable.

**HOSPITAL NAME**

Animal Health Partners

The palatine tonsils are normal.

The thyroid glands are normal.

The hyoid apparatus is mildly displaced to the right side; however, no osteolytic changes are seen.

**REFERRING VET**

Dr. Kim Murphy

The nasal cavity, nasopharynx and larynx are normal.

The cribriform plate is intact.

The frontal sinuses are normal.

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The tympanic bullae are normal.

The retrobulbar spaces and globes are intact.

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The temporomandibular joints are bilaterally congruent.



**PATIENT**

All teeth are present.

Frankie Di Rocco

No other abnormalities are identified.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- New or recurring sialoceles, likely correlated to the left side mandibular salivary gland. No sialolithiasis or radiopaque foreign material has been identified.
- Two subcutaneous ventral wall surgical stitches correlated to the previous surgery.
- The other cervical and facial glands are unremarkable.

**BREED**

Border Collie X

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

A more invasive approach such as draining the new/recurring sialoceles for culture, as performed, is suggested to relieve pressure, and remove the accumulated fluid material. Other surgical interventions could be necessary. Concomitant medical treatment with anti-inflammatory drugs and/or antibiotics is suggested. A trauma or obstruction secondary to duct inflammation could be a cause of the sialoceles, a foreign body or radiopaque sialolithiasis are excluded.

**SEX**

M

**AGE**

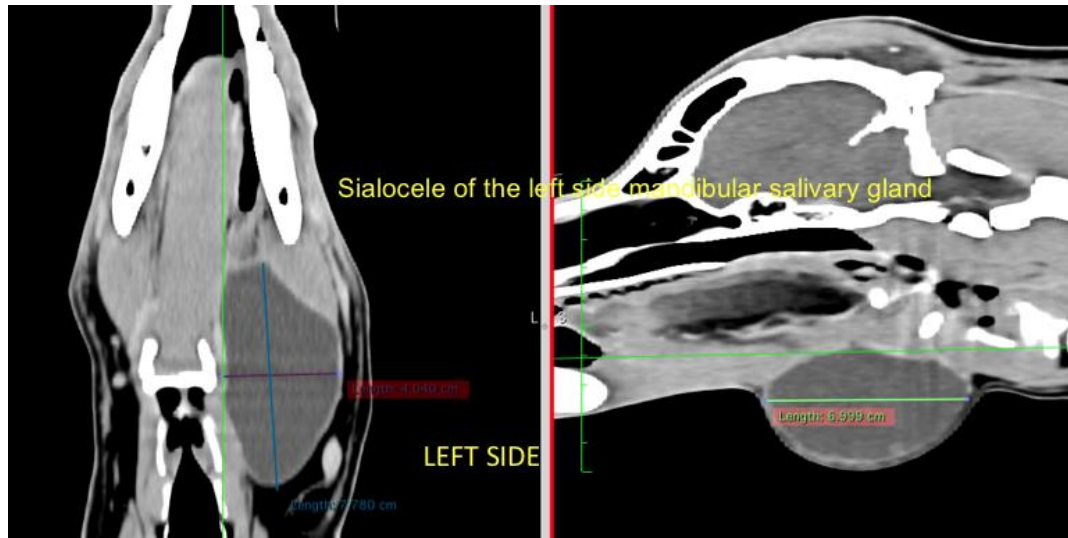
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**PATIENT**

Frankie Di Rocco

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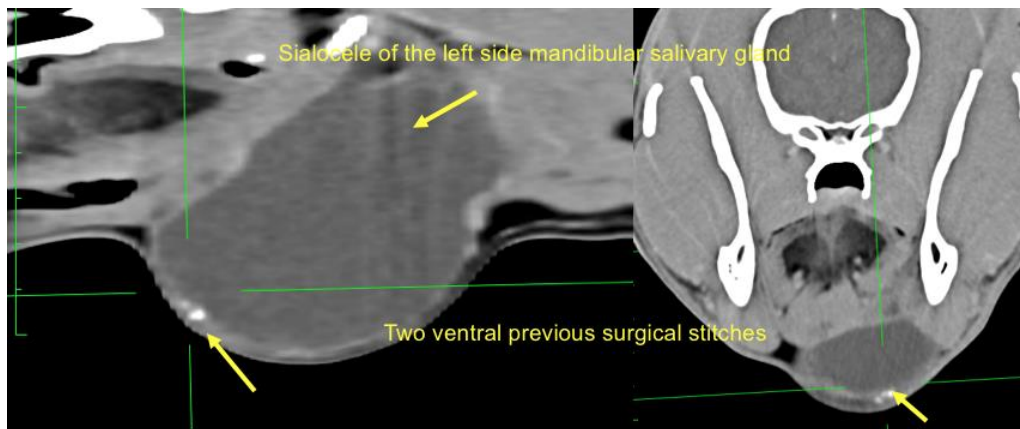
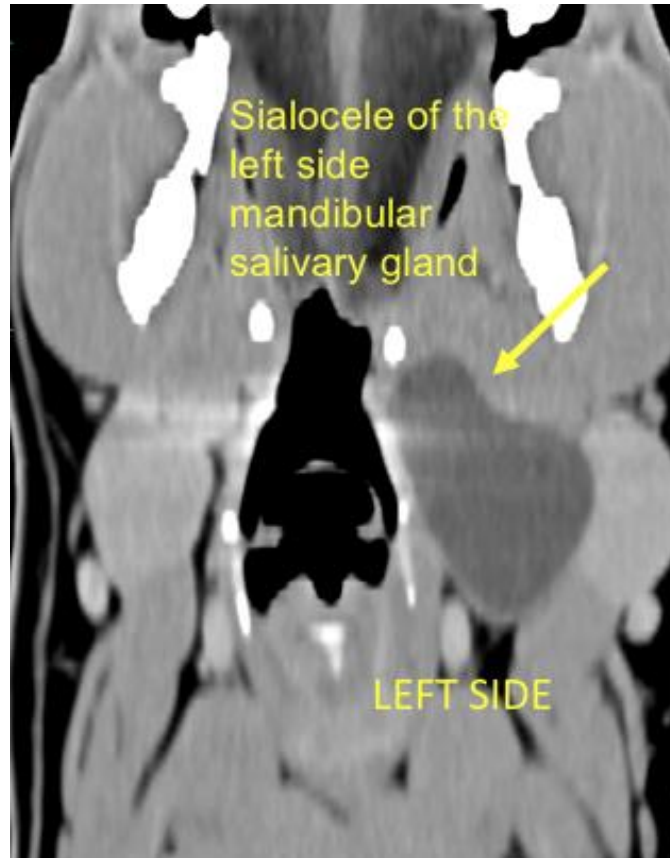
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**PATIENT** The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Frankie Di Rocco

**SPECIES**

Canine

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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Border Collie X

**SEX**

M

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