



PATIENT

Heide Georg

SPECIES

Canine

BREED

Shepherd

SEX

FN

AGE

6

WEIGHT

35

INTERPRETED BY

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

IMAGING PERFORMED BY

Eamon

HOSPITAL NAME

Belconnen Veterinary
Centre

REFERRING VET

Eamon

INVOICE

75035

DATE

5-18-26

PRESENTING CLINICAL SIGNS

mucoid nasal discharge since feb26
- bilateral at times
non responsive to antibiotics
Abnormal PE/Chem/CBC/UA Results: cbc/chem/t4 normal

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Pre- and post-contrast CT images of the head are provided for review (2 series): a pre-contrast bone algorithm series and a post-contrast soft tissue algorithm series. Additional thoracic and abdominal series are included.

COMPUTED TOMOGRAPHIC FINDINGS

The nasal cavities are bilaterally aerated. The nasal turbinates are preserved, with normal architecture and symmetry. No mucosal thickening or abnormal contrast enhancement is identified. No intranasal mass effect is detected. No radiopaque intranasal foreign material is identified. The paranasal bones are intact.

The frontal sinuses are normally aerated. The cribriform plate is intact.

The nasopharynx is within normal limits, without luminal narrowing or mass effect.

There is a chronic fracture with malunion involving the left epiphyoid bone, without significant displacement. The remaining components of the hyoid apparatus are preserved.

A subtle peripheral contrast enhancement is noted associated with the right mandibular salivary gland. The gland maintains normal size, shape, and contour.

The left mandibular, parotid, zygomatic, and thyroid salivary glands are symmetric and within normal limits.

The tympanic bullae are bilaterally air-filled, with normal bone wall thickness and contour. Incidental otolith is visible at the right tympanic bulla. The external auditory canals are within normal limits.

The globes and retrobulbar spaces are symmetric and within normal limits.

Dentition is complete and unremarkable.

The temporomandibular joints are bilaterally congruent.

The brain parenchyma demonstrates normal attenuation, without evidence of mass effect, midline shift, or ventriculomegaly.

The regional lymph nodes are unremarkable.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- The nasal cavities are aerated and within normal limits.
- Chronic healed fracture with malunion of the left epiphyoid bone, without significant displacement.



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- Subtle peripheral contrast enhancement is identified at the right mandibular salivary gland, with preservation of normal size, shape, and contour. Differential considerations include focal hematoma, sialadenitis, and imaging artifact.
- Otherwise, unremarkable computed tomographic study of the head

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The nasal cavities and paranasal structures are preserved, without CT evidence of abnormalities. Although no significant tomographic abnormalities are identified within the nasal cavities, early or mild inflammatory mucosal disease may be below the sensitivity threshold of CT examination. Rhinoscopic evaluation and/or cytological or microbiological assessment may be considered if the clinical signs persist.

The chronic left epiphyseal fracture demonstrates malunion without significant displacement, consistent with a chronic inactive post-traumatic finding.

Subtle peripheral contrast enhancement is identified at the right mandibular salivary gland, with preservation of normal size, shape, and contour. Differential considerations include focal hematoma, sialadenitis, and imaging artifact.

Fig.1. CT image of the head at the level of the nasal cavity. Normal nasal findings

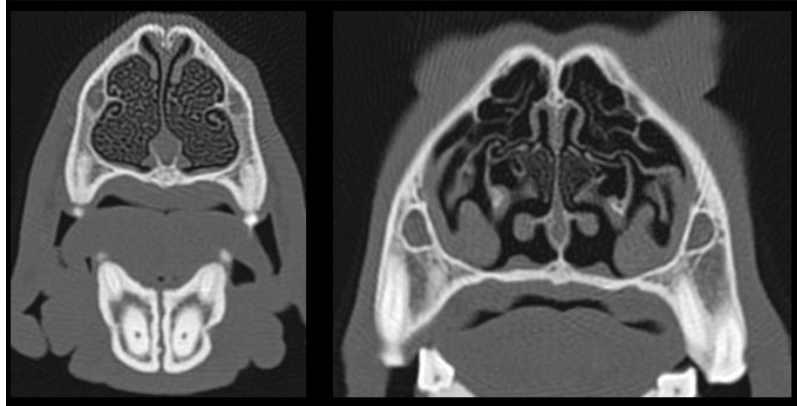
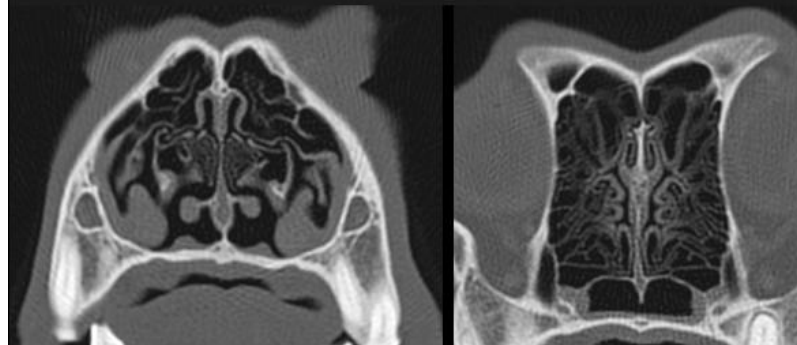


Fig.2. CT image of the head at the level of the nasal cavity. Normal nasal findings





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Fig.3. CT image of the head at the level of the nasal cavity. Normal nasal findings

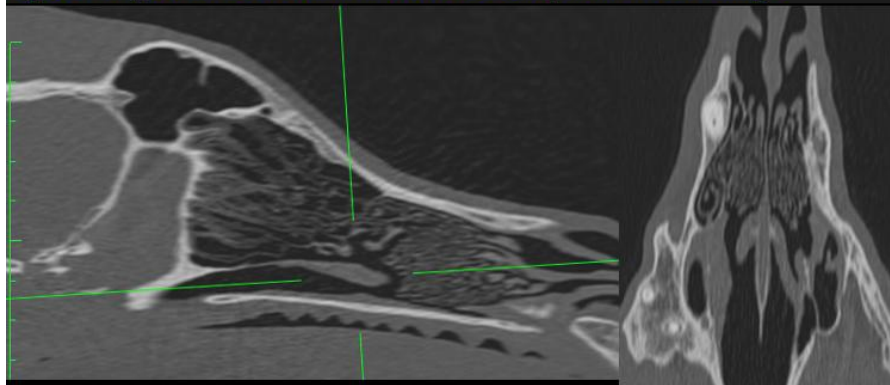


Fig. 4. CT image of the head demonstrating mild peripheral contrast enhancement of the right mandibular salivary gland

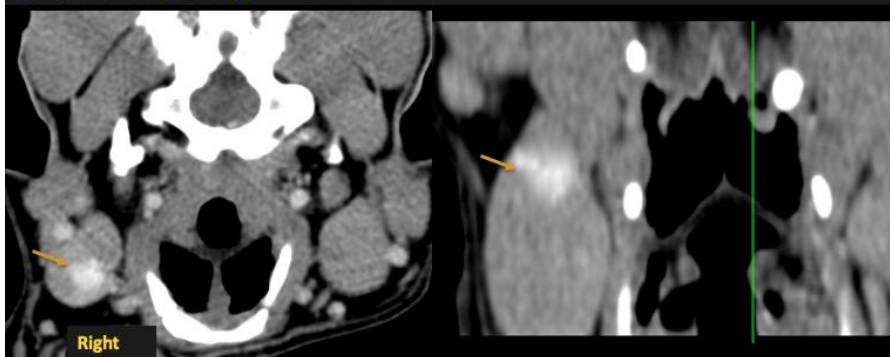
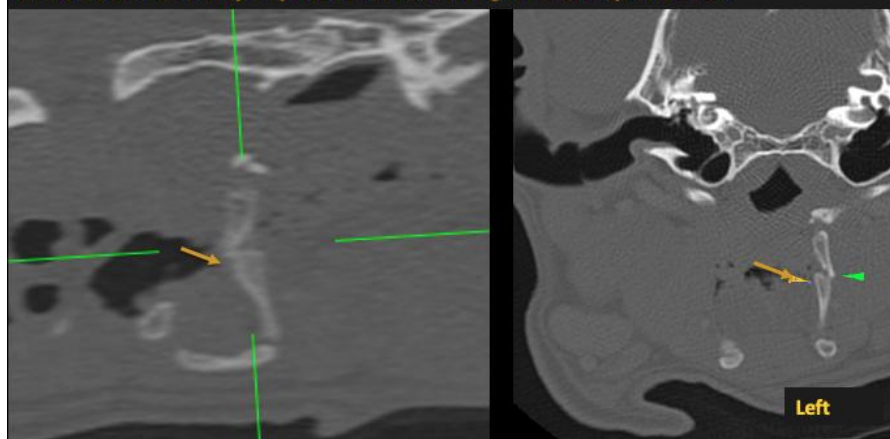


Fig. 5. CT image at the level of the tympanic bullae demonstrating chronic malunion fracture of the left stylohyoid bone without significant displacement.





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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.

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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com