


PATIENT

Baxter McMyler

PRESENTING CLINICAL SIGNS

Patient presented for acute onset left sided epistaxis and nasal congestion 8/1. Normal CBC and coag panel at the time of epistaxis

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

A pre- and post-contrast CT study of the head are provided for review totaling 2 series. One pre-contrast series of the head, soft tissue algorithm. One post-contrast series of the head, soft tissue algorithm.

BREED

German Shepherd

COMPUTED TOMOGRAPHIC FINDINGS
HEAD
SEX

Neutered Male

There is a large, multilobulated, smoothly marginated, mixed attenuating mass effect occupying the mid to caudal portion of the left nasal cavity. The mass effect attenuation is composed by heterogeneously hypoattenuating characteristic with multiple mineralized granular foci.

AGE

11 Years

The mass effect extends rostrally to the level of the topographic region of the triadan 201 and caudally to the level of the cribriform plate; however, no evidence of cribriform plate interruption. The mass effect measures approximately 5.3cm by 2.5cm by 2.2cm. The mass effect produces extensive left nasal turbinate destruction.

Mild hyperostosis and irregularity at the left frontal bone and mild osteolytic lesion in the ipsilateral orbital process of the palatine bone; however, no evidence of retrobulbar invasion. The left frontal sinus is completely filled with hypoattenuating fluid material.

INTERPRETED BY

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

The nasal septum is intact.

Mild multifocal hypoattenuating fluid content is seen more ventral and rostral at the right nasal cavity.

HOSPITAL NAME

Wilson Vet Hospital

The right frontal sinus is unremarkable.

The bulla cavities and external auditory canals are normal.

REFERRING VET

Dr. Vitale

No mass effect is seen in the olfactory bulbs or collimated brain.

The globes and retrobulbar spaces are unremarkable.

INVOICE

44509

Few absent teeth. The triadan 209, 301, 401 and 402 are absent. A focal alveolar bone reabsorption is seen adjacent the topographic region of the triadan 401 and 402; also, adjacent the triadans 101, 108, 109 and 201.

The medial retropharyngeal lymph nodes and mandibular lymph nodes are not collimated in the field.

DATE

8/9/23



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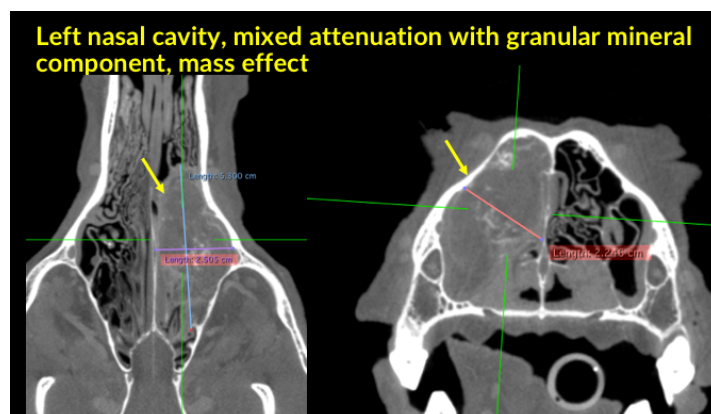
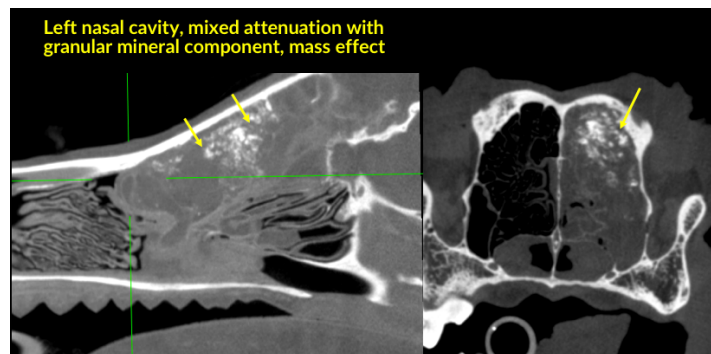
COMPUTED TOMOGRAPHIC DIAGNOSIS

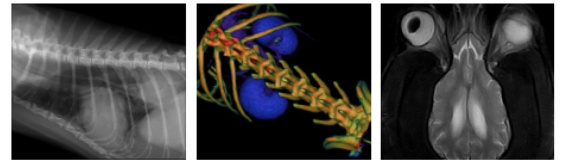
- Left-sided mass effect in the nasal cavity with mixed attenuation and granular mineral component, associated chronic destructive rhinitis, and moderate amount of fluid material accumulation. The differential diagnosis includes nasal neoplasia, for example, multilobular osteochondrosarcoma, or other neoplasm types, such as chondrosarcoma, osteosarcoma, or squamous cell carcinoma, lymphoma, adenocarcinoma.
- Left side sinusitis.
- Mild right-side rhinitis, inflammatory.
- Multifocal periodontal disease, and few absent teeth.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The tomographic findings are correlated to the presented respiratory clinical signs of epistaxis. The primary differential diagnosis is nasal neoplasm. Nasal flush biopsy is suggested for confirmation.

Correlate the dental findings with the oral exam.





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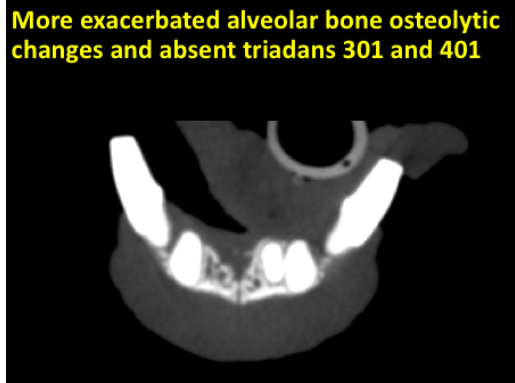
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More exacerbated alveolar bone osteolytic changes and absent triadans 301 and 401



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.

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