



PATIENT

Chinook Diachishin

PRESENTING CLINICAL SIGNS

P is a CT referral, he presented to RDVM on 9/23/2022 for intermittent nose bleeds. Issue has been ongoing for a few weeks. We performed a skull and thoracic CT today, in addition to a rhinoscopy with nasal biopsies.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head and plain study of the thorax available for review.

BREED

Siberian Husky

COMPUTED TOMOGRAPHIC FINDINGS

Head

A 3 cm sized subcutaneous lipoma is seen in the mid ventral neck to the right of the midline.

SEX

Male Neutered

Regional mucosal swelling, accumulation of hypoattenuating material, and turbinate destruction are noted in the caudal aspect of the left nasal cavity. The changes are confined to the middle and dorsal nasal conchae with the destruction accentuating the ethmoid turbinates close to the cribriform plate. The left frontal sinus is filled with fluid attenuating material. No evidence of intracranial extension and no aggressive bone lysis can be seen.

AGE

8

The regional lymph nodes present within normal limits.

Thorax

The bony and surrounding soft tissue structures are within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

HOSPITAL NAME

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The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

REFERRING VET

Dr. Joseph
D'abbraccio

The lung parenchyma presents the expected architecture and attenuation behavior.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Regional mucosal / soft tissue proliferation and turbinate destruction caudodorsally within the left nasal cavity with frontal sinus involvement.
- Subcutaneous lipoma in the ventral neck.
- No evidence of metastatic disease to the regional lymph nodes or lung.

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10-4-22



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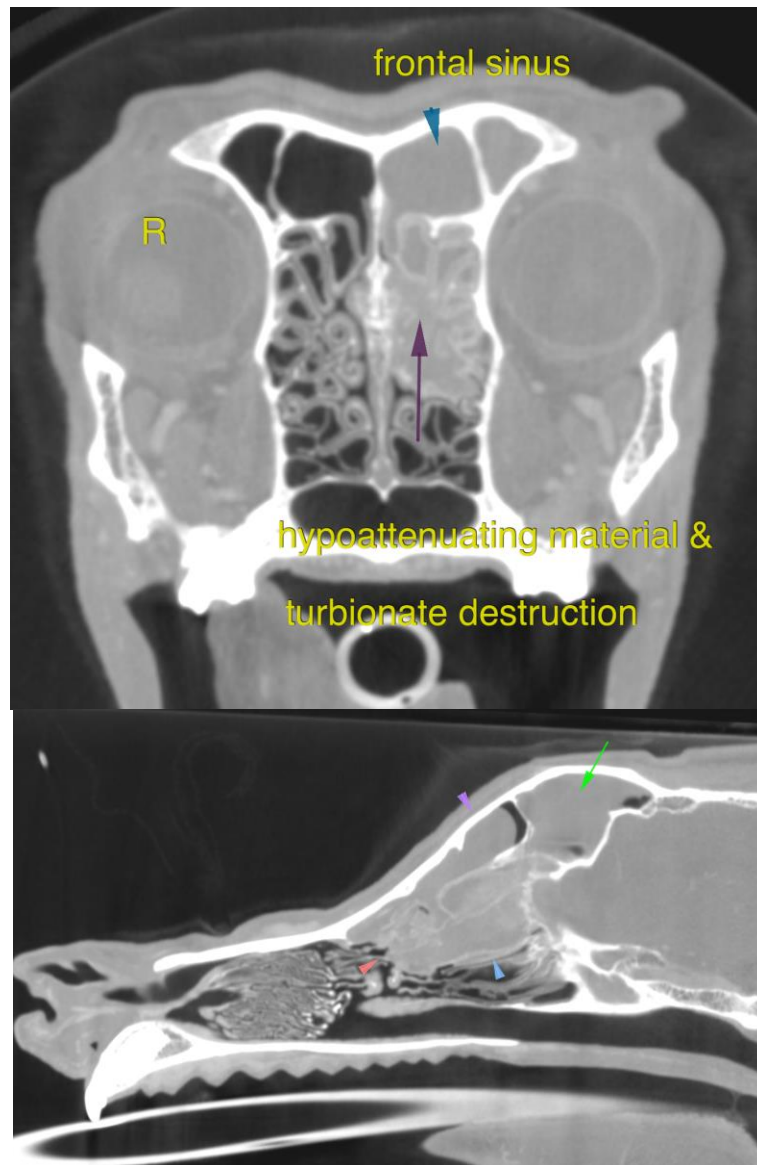
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals an area of mucosal swelling with turbinate destruction localized to the caudal and dorsal aspect of the left nasal cavity. Differential diagnosis includes neoplasia such as adenocarcinoma, other carcinoma, soft tissue sarcoma, esthesioneuroblastoma, and less likely regional erosive rhinitis (mainly meaning fungal such as Aspergillois). Concurrent presumably obstructive left frontal sinusitis is noted. Foreign material is not seen. Final diagnosis will require sampling. Rhinoscopy has been performed already and biopsy results are pending.





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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

SPECIES

Canine

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