

**PATIENT**

Holmes Sherwell

PRESENTING CLINICAL SIGNS

P presented for right sided epistaxis of a week's duration with large blood clots produced when sneezing. Bloodwork reveals mild ALKP elevation. PT/PTT WNL. No air flow right sided. E/D okay, no V/D.

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

Labrador Mix

COMPUTED TOMOGRAPHIC FINDINGS**Head**

The CT study reveals an irregular shaped, ill-defined, large mass within the mid and caudal third of the right nasal cavity. The mass measures approximately 6.5cm in length and 3.7cm in height. Extensive regional turbinate destruction is noted as well as polyostotic aggressive bone lysis involving the nasal septum, right maxillary and nasal bones, as well as the cribriform plate and right bony orbita. The mass presents nonuniform moderate contrast enhancement. The right frontal sinus is filled with fluid attenuating material. Part of the mass extends into the right nasal choana. The left nasal cavity and left frontal sinus present within normal limits.

SEX

Neutered Male

The regional lymph nodes present within normal limits.

AGE

14 Years

Thorax

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio.

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

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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.

The lung parenchyma presents the expected architecture and attenuation behavior.

HOSPITAL NAME

Aloha Pet & Bird
Hospital

REFERRING VET

Dr. Smith

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

COMPUTED TOMOGRAPHIC DIAGNOSIS**INVOICE**

58979

- Soft tissue mass with aggressive biological behavior within the right nasal cavity with early intracranial extension.
- Obstructive right frontal sinusitis.
- No evidence of metastatic disease to the regional lymph nodes or lung.

DATE

6-21-23



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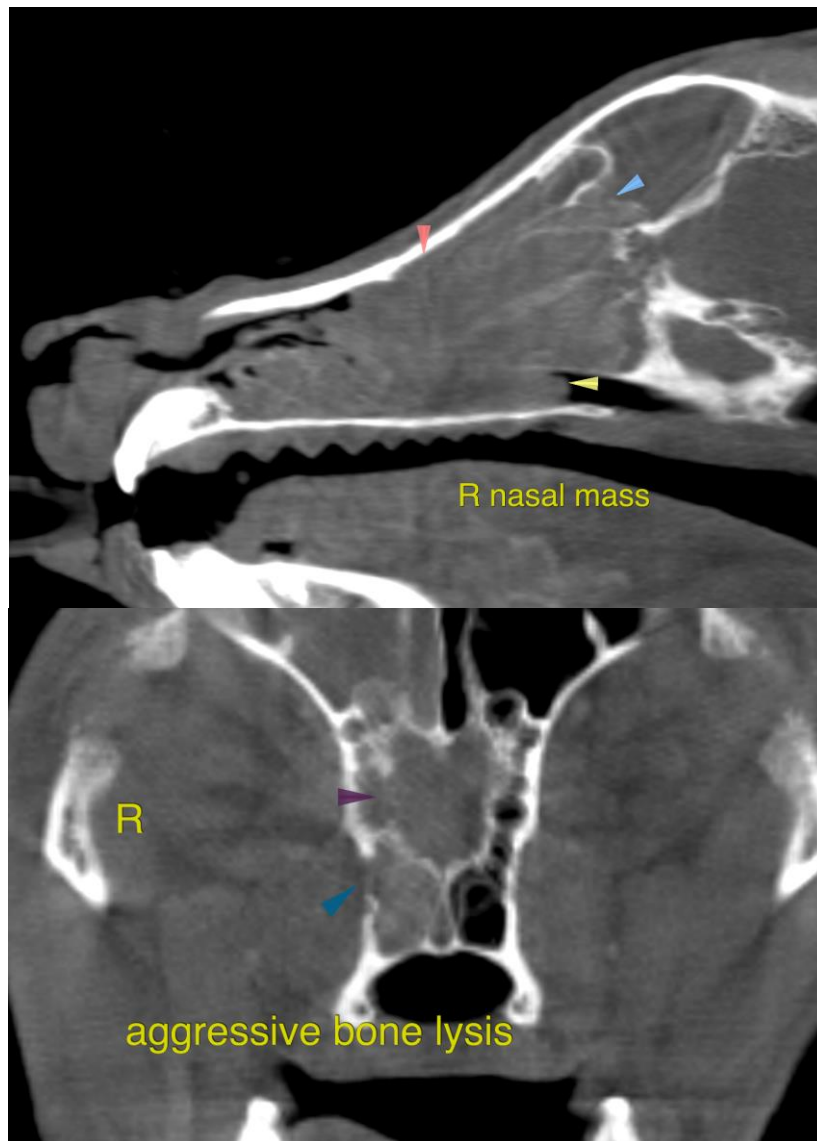
DATE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with malignant soft tissue neoplasia within the right nasal cavity with early extension into the cranial vault and right orbita. Differential diagnosis includes adenocarcinoma, other carcinoma, and less likely lymphosarcoma, or soft tissue sarcoma.

No evidence of metastatic disease to the regional lymph nodes or lung is seen at this point.





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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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