

**PATIENT**

Dude Tosloskie

**PRESENTING CLINICAL SIGNS**

Suspect nasopharyngeal mass obstructing airflow through nose. First seen for loud breathing, upper respiratory noises at home on 3/24/22. Noted evidence of possible mass on left caudal palate

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain and post contrast studies available for review.

**BREED**

Labrador Retriever

**COMPUTED TOMOGRAPHIC FINDINGS**

A large ill-defined irregular shaped soft tissue mass of approximately 5.6 cm length, 2.4 cm height, and 4.3 cm width is seen in the nasopharynx. The mass presents aggressive osteolysis of the hard palate, vomer bone, nasal septum, left maxilla, and left nasal bone, which allows for oropharyngeal extension of the mass as well as extension into the nasal fundus and ventral aspect of the left nasal cavity where regional turbinate destruction is noted. The mass presents moderate nonuniform contrast enhancement on the post-contrast study.

**SEX**

MN

Streak artifacts limit the assessment of the submandibular and retropharyngeal lymph node region, however, no overt regional lymphadenomegaly is noted.

**AGE**

10

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Nasopharyngeal and oropharyngeal soft tissue mass with aggressive biological behavior with nasal extension causing upper airway obstruction.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with a malignant soft tissue neoplasia with nasopharyngeal, oropharyngeal, and nasal extension blocking the upper airways significantly. Differential diagnosis includes adenocarcinoma, squamous cell carcinoma, lymphosarcoma, melanoma, fibrosarcoma, and other. Final diagnosis would require sampling for histology which could be considered if the owners are interested in pursuing palliative tumor treatment. Complete resection of the mass, however, is not considered possible owing to the extensive tumor growth.

**HOSPITAL NAME**

Advanced Animal  
Imaging

**REFERRING VET**

Blair Hollowell, DVM

**INVOICE**

51343

**DATE**

4-4-22



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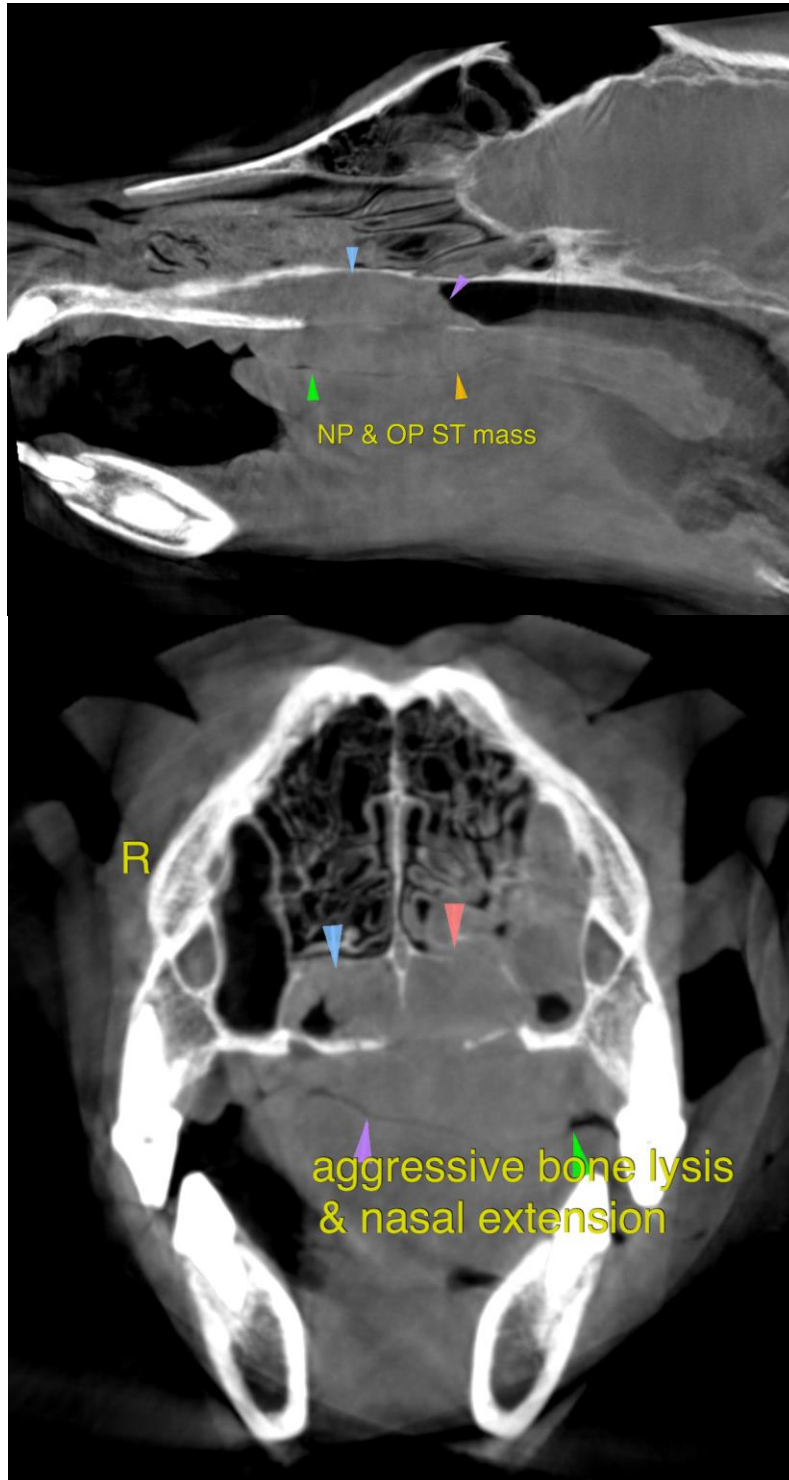
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**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.

**BREED**

Labrador Retriever

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
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