

**PATIENT**

Stuart Lott

SPECIES

Canine

BREED

Dachshund Mix

SEX

MN

AGE

12

INTERPRETED BYNele Eley, DVM
Dr. med. Vet. DipECVDI**HOSPITAL NAME**Southern Oregon
Veterinary Specialty
Center**REFERRING VET**

Dr. Rory Applegate

INVOICE

14369ag

DATE

07/14/2023

PRESENTING CLINICAL SIGNS

Historical inflammatory nasal polyp with progressive intranasal involvement and progression towards cribriform plate. 2 weeks following last CT and nasal biopsy L retrobulbar abscess. 3 week recheck showed persistence of abscess and formation of descemetocoele. Subsequent corneal perforation. CT planning for enucleation.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post IV contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

The CT study reveals an irregular shaped and ill-defined soft tissue mass within the left nasal cavity measuring ~ 7.5 cm in length x 3.5 cm in width x 4.0 cm in height. The mass fills the mid and caudal third of the left nasal cavity and extends into the nasal choana. The multifocal interruption of the nasal septum is seen and allows for extension of the mass into the right nasal cavity which is accentuated in the mid third of the nose. Multifocal intralésional mineralization and non-uniform contrast enhancement with multiple cavitations are seen.

There is regional turbinate destruction.

The cribriform plate is intact.

The left frontal sinus is filled with fluid attenuating contrast negative material.

The left submandibular and medial retropharyngeal lymph nodes present mild symmetric enlargement.

Microphthalmia of the left eye with collapse and disarranged sclera is seen. There is no evidence of a retrobulbar abscess or mass. A small cavitory lesion of 1.0 cm in diameter is seen temporal to the remnants of the left eye.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass with aggressive biological behavior within the left nasal cavity with extension into the nasal choana and right nasal cavity.
- Mild left medial retropharyngeal and submandibular lymphadenomegaly.
- Suspect perforating injury of the left eye with peripheral cellulitis or early abscess formation in a temporal position within the left orbital.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings suggest the presence of a slow growing mass with aggressive biological behavior within the left nasal cavity. Differential diagnosis includes chondrosarcoma, soft tissue



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sarcoma, adenocarcinoma, other carcinoma, lymphosarcoma. Final diagnosis would require sampling for histology. The findings are not compatible with an abscess or rhinitis. Fungal rhinitis can never be ruled out entirely but appears by far less likely.

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The lymph node changes are compatible with reactive hyperplasia or early metastatic disease. A FNA should be considered for further definition.

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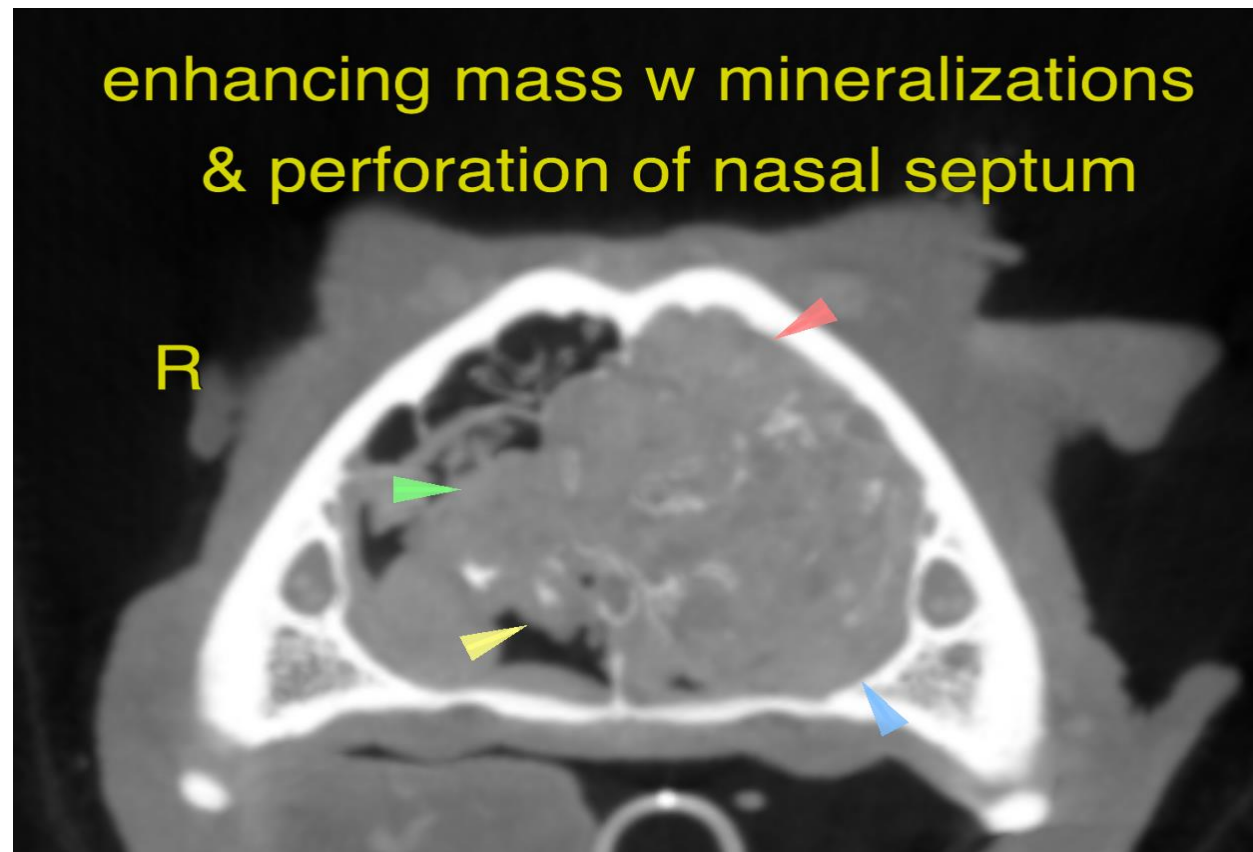
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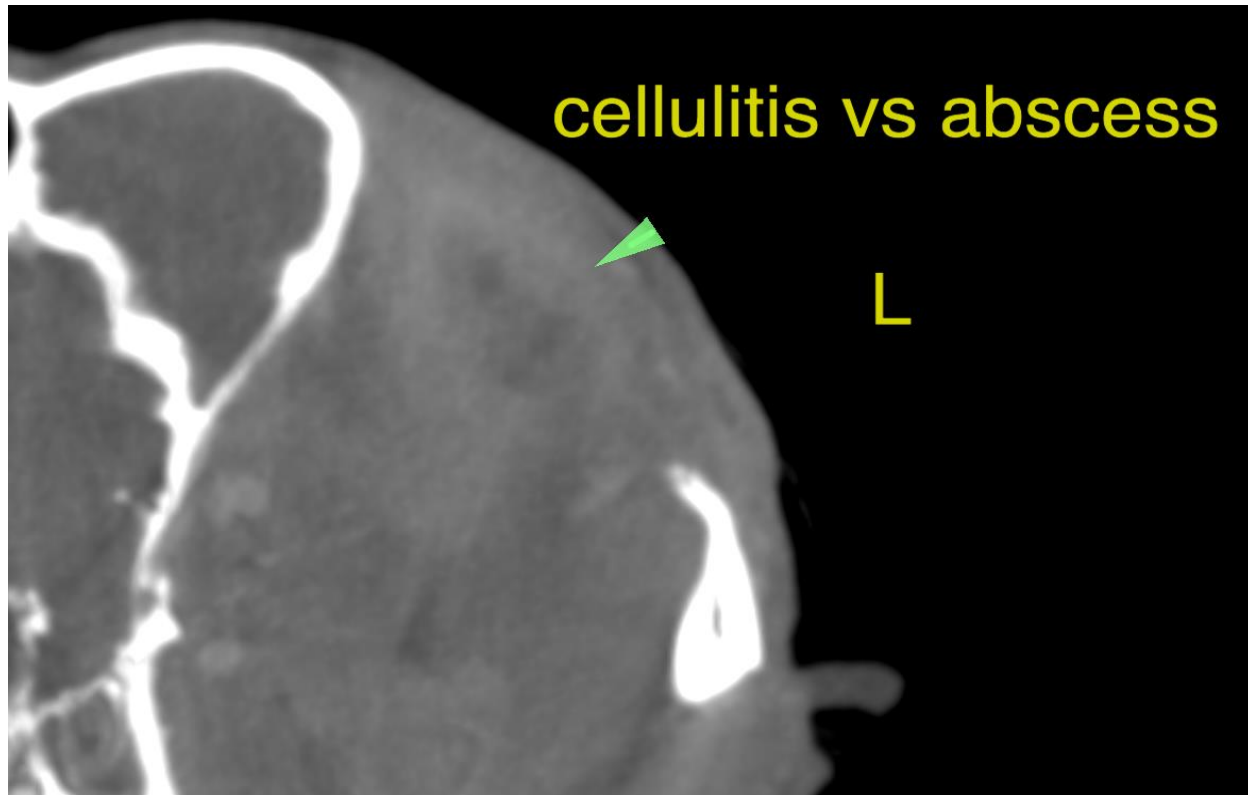
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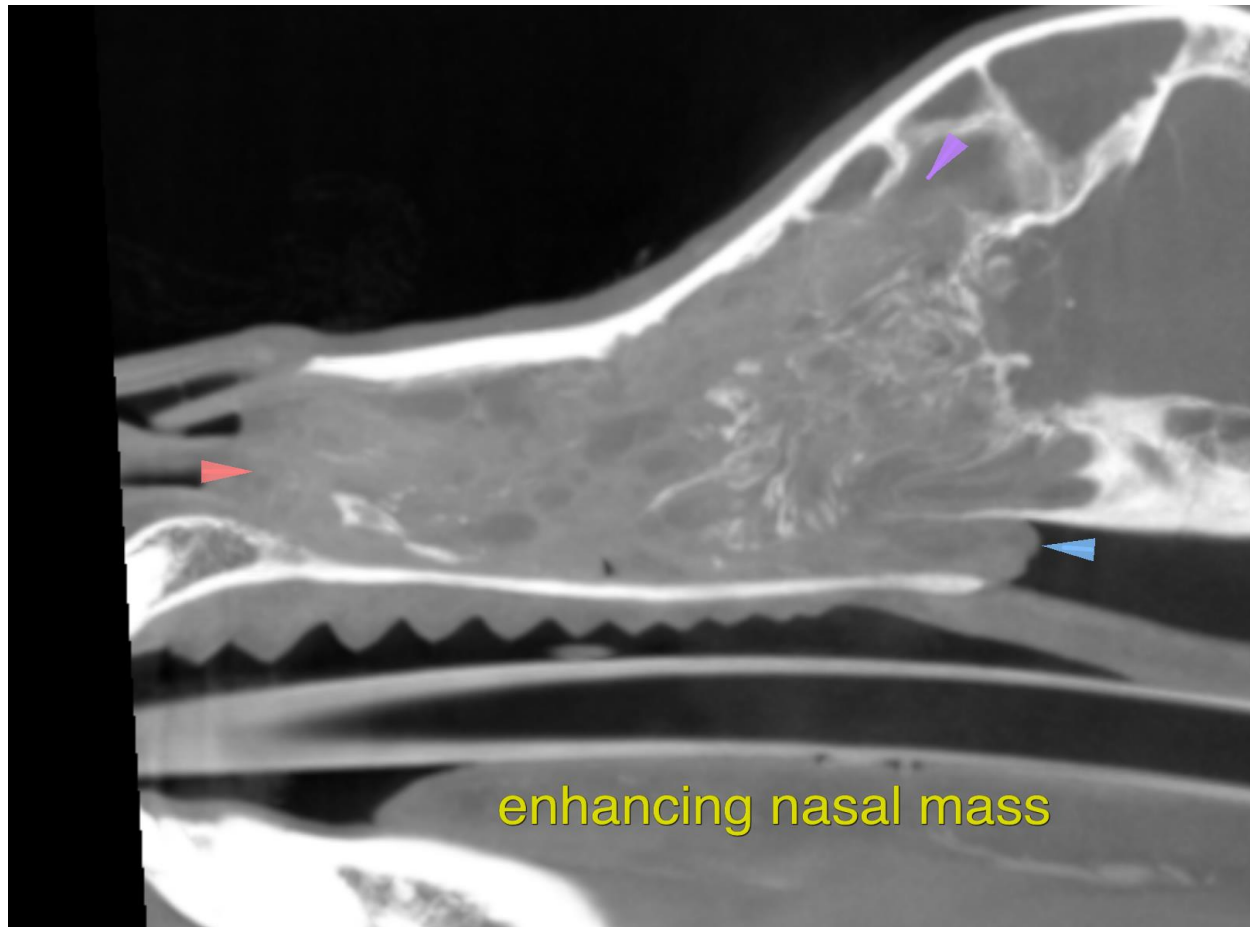
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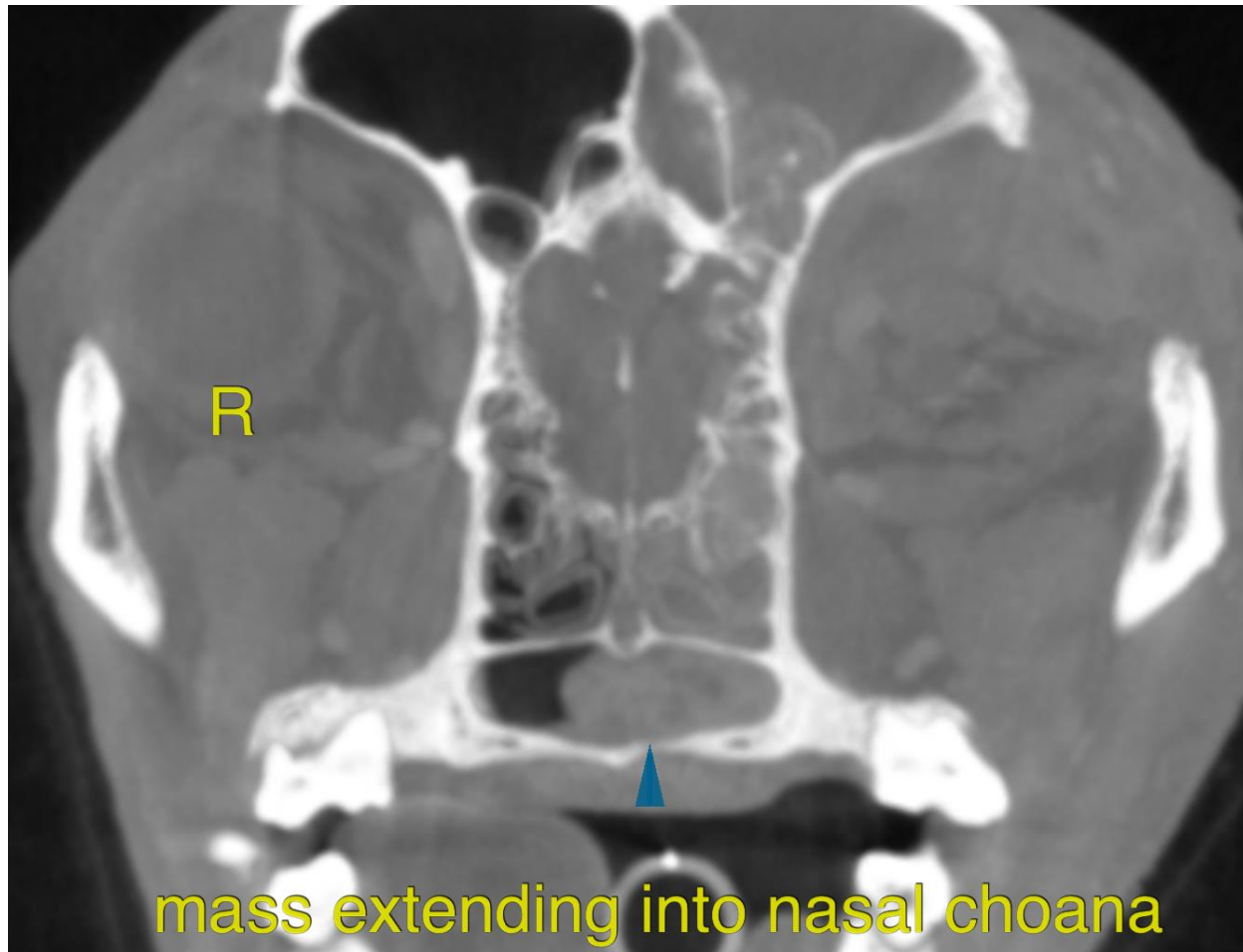
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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