

**PATIENT**

Tex Anderson

**PRESENTING CLINICAL SIGNS**

4+ month history of unilateral nasal hemorrhage -- reported as mild and infrequent until the last 7 days. Single episode of epistaxis lasting 30 min requiring the use of nasal epinephrine drops to control. No overt pain or swelling noted. Referring DVM completed Chem and CBC with no abnormalities noted. Series of skull films failed to find obvious changes. Discussed rhinoscopic exam vs CT with owner -- recommended starting with CT as primary nasal mass therapy is not desired by owners.

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: Chem/CBC only completed - no abnormalities reported

**BREED**

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain and post contrast studies available for review.

Am Staff Boxer Cross

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

MN

**AGE**

Regional turbinate destruction and ill-defined soft tissue proliferation with heterogeneous contrast enhancement is seen within the mid and caudal third of the right nasal cavity centering the middle nasal concha. The soft tissue proliferations enframe an area of regional concha and turbinate destruction. (See image below.) No evidence of foreign material is seen. The remainder of the right nasal cavity presents within normal limits except for mild fluid accumulation. The right and left frontal sinus and left nasal cavity present within normal limits. No evidence of aggressive osteolytic lesions is seen in the nasal bones.

13 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**HOSPITAL NAME**

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Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

**REFERRING VET**

Pete Bashara, DVM

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

The salivary glands present within normal limits.

The visible dentition is within normal limits.

**INVOICE**

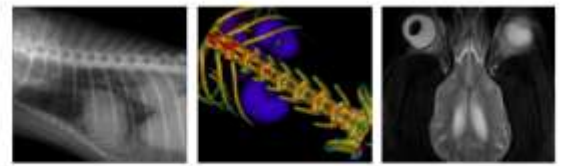
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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Regional turbinate destruction and soft tissue proliferation localized to the middle nasal concha in the right nasal cavity.

**DATE**

10-14-21



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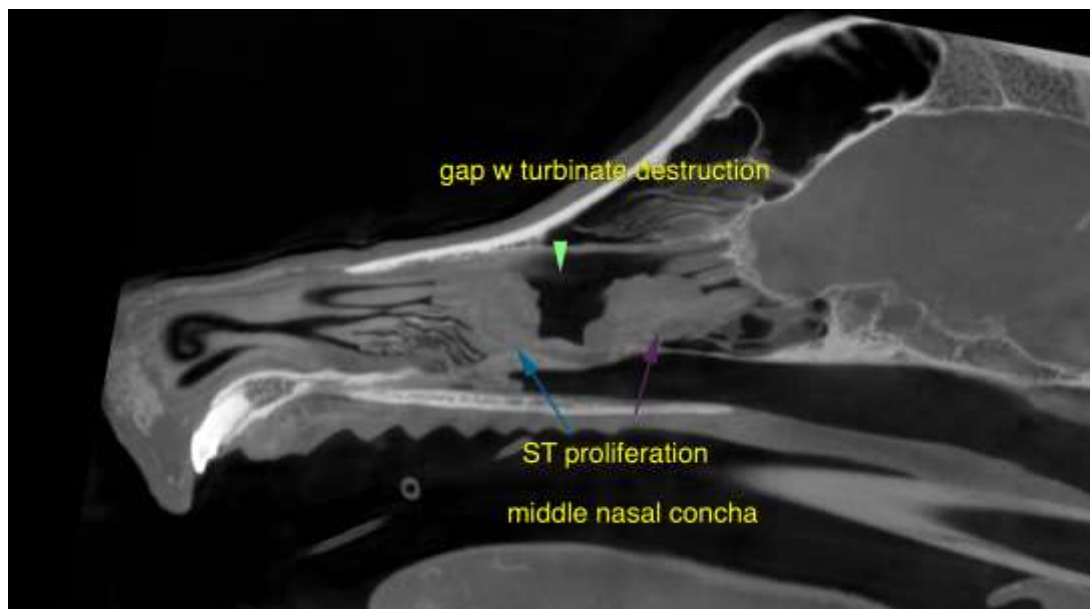
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Differential diagnosis includes destructive rhinitis with turbinate/concha necrosis and early neoplasia. No evidence of foreign material is seen. Final diagnosis will require sampling for culture and histology. If this is not an option for the owner, a recheck CT could be considered in 2-4 weeks.



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.

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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