


**PATIENT**

Lucy Geeraerts

**PRESENTING CLINICAL SIGNS**

2 year history of congestion, sneezing and reverse sneezing. Pet has been on various antibiotics, antihistamines, and decongestants, as well as a tapering dose of prednisone, none of which helped per the owner. Chest and skull films unremarkable. Biopsies of the L nasal turbinates were taken after the CT, as well as aerobic, anaerobic, and fungal culture of the nasal passages.

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: Mildly increased ALP - 338 (23-212) WBC 29.39 (5.05-16.76), Neuts 25.19 (2.95-11.64)

**BREED**

Beagle

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

A high resolution pre- and post-contrast CT study of the head is provided for review. One pre-contrast series of head and one post-contrast series of the head.

**SEX**

Spayed Female

**COMPUTED TOMOGRAPHIC FINDINGS**

Within rostral aspect of the nasal cavity and extending slightly caudally along the axial aspect of the nasal cavity, there is mild fluid to soft tissue attenuating material that is confluent to the nasal turbinates with mild loss of turbinate architecture and asymmetry.

**AGE**

9 Years 5 Months

The soft tissue fluid attenuating material is also more evident ventrally (>left side).

No evidence of mass effect or bony lytic lesion.

The frontal sinuses are normal.

**INTERPRETED BY**

Tilde Rodrigues Froes,  
 DMV, MSc., Dr. Med  
 Vet., Dipl. CBraRVet

Minor soft tissue fluid attenuating material is noted in ventral portion of the left bulla. The external ear apparatus is normal.

The pharynx and larynx are normal.

The retrobulbar spaces normal.

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Cribriform plate is normal.

Bilaterally, the temporomandibular joints are congruent.

**REFERRING VET**

Dr. Shanti  
 Subramanian

The maxillary and mandibular teeth are normal.

The brain is normal, no mass effect.

The mandibular and medial retropharyngeal lymph nodes are symmetric and normal.

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44489

The calvarium is dome-shaped, and the frontal sinuses are normal.

No other abnormalities are identified.

**DATE**

1/25/23



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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Mild destructive rhinitis and mild nasal fluid accumulation.
- No evidence of mass effect.
- Incidental left sided bulla fluid accumulation.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The differential diagnosis for a mild destructive rhinitis includes bacterial, viral, lymphocytic plasmocytic. Early infectious fungal disease cannot be ruled out but is less likely, given the absence of cavitory and more destructive changes with a protracted history.

**BREED**

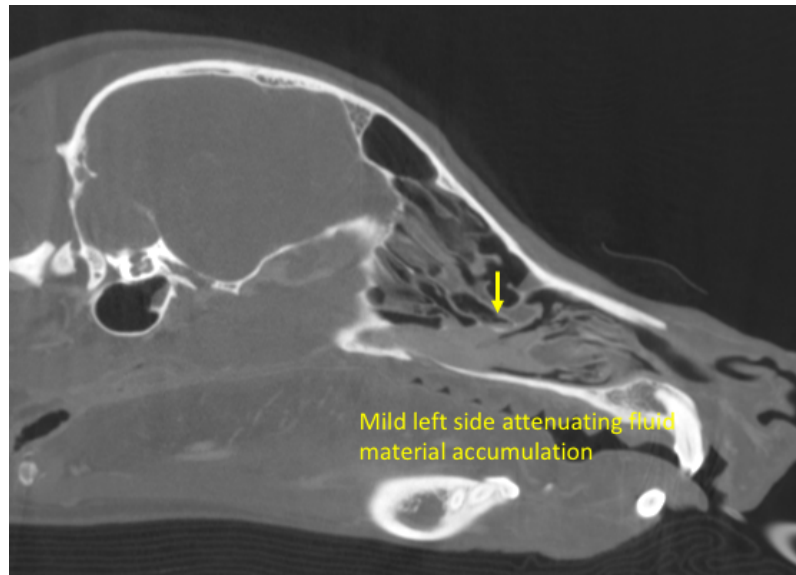
Beagle

**SEX**

Spayed Female

**AGE**

9 Years 5 Months

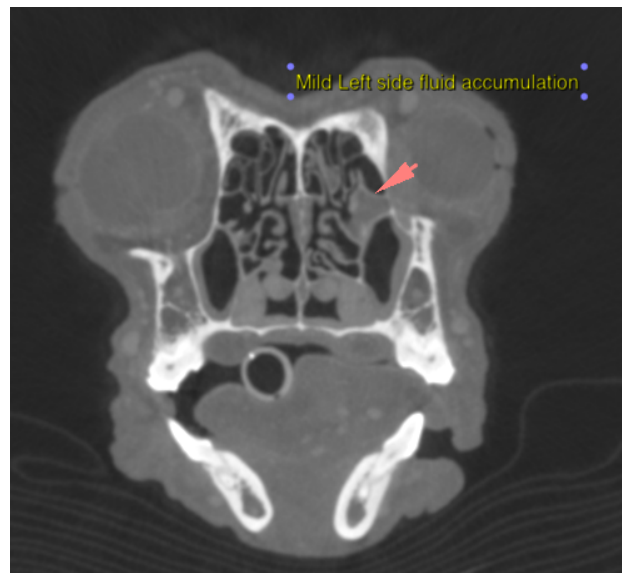


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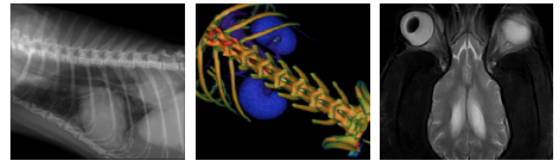
Dr. Shanti  
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**SPECIES**

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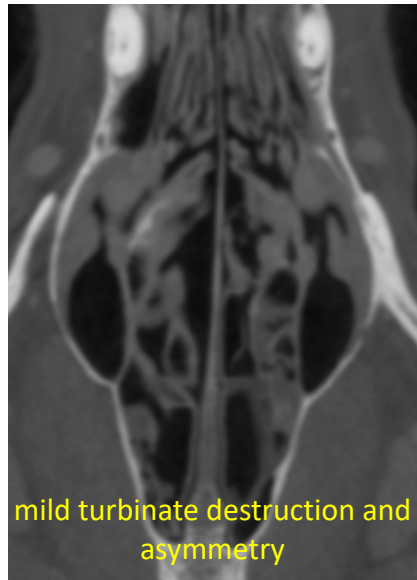
Beagle

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**AGE**

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**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.

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