



**PATIENT**

Dixie Smith

**PRESENTING CLINICAL SIGNS**

Presented for chronic bilateral mucoid nasal discharge  
Abnormal PE/Chem/CBC/UA Results: Normal

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX**

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

**BREED**

Golden Retriever

**COMPUTED TOMOGRAPHIC FINDINGS**

**Head**

Moderate bilateral mucosal swelling of the turbinate lining is seen within both nasal cavities. There is moderate bilateral turbinate destruction. Mild mucosal swelling and fluid accumulation is seen within both frontal sinuses.

**SEX**

FS

The tonsils appear to be prominent however there is border effacement with the soft tissues of the tongue and soft palate.

**AGE**

8

The submandibular and medial retropharyngeal lymph nodes are moderately enlarged on both sides.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**Thorax**

The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

**HOSPITAL NAME**

Northeast Veterinary  
Referral Hospital

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

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.

**REFERRING VET**

Dr. Runde

The lung parenchyma presents the expected architecture and attenuation behavior.

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

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Moderate bilateral chronic destructive rhinosinusitis.
- Moderate bilateral submandibular and medial retropharyngeal lymphadenomegaly.
- Prominence of the soft tissues in the area of the tonsils.
- Normal age related CT findings of the thorax.

**DATE**

8-31-22



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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals moderate bilateral chronic destructive rhinosinusitis. Differential diagnosis includes infectious rhinitis such as bacterial, viral, and fungal. There is no evidence of a soft tissue mass, foreign material related disease, or intracranial extension. Further definition by means of rhinoscopy with sampling for culture is recommended if not performed already.

**SPECIES**

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The lymph node changes may represent reactive hyperplasia or a lymphomatous infiltrate. Fine needle aspiration is recommended for further definition.

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**SEX**

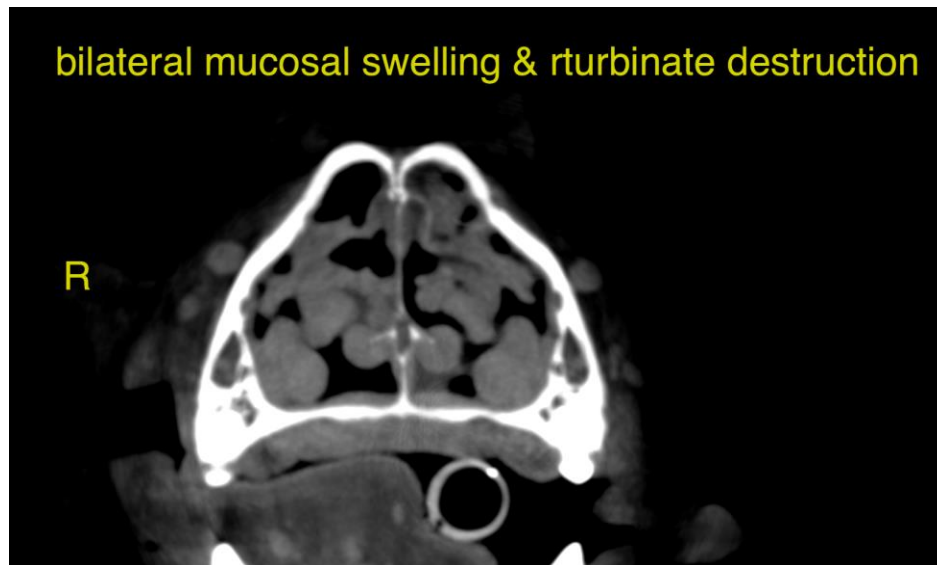
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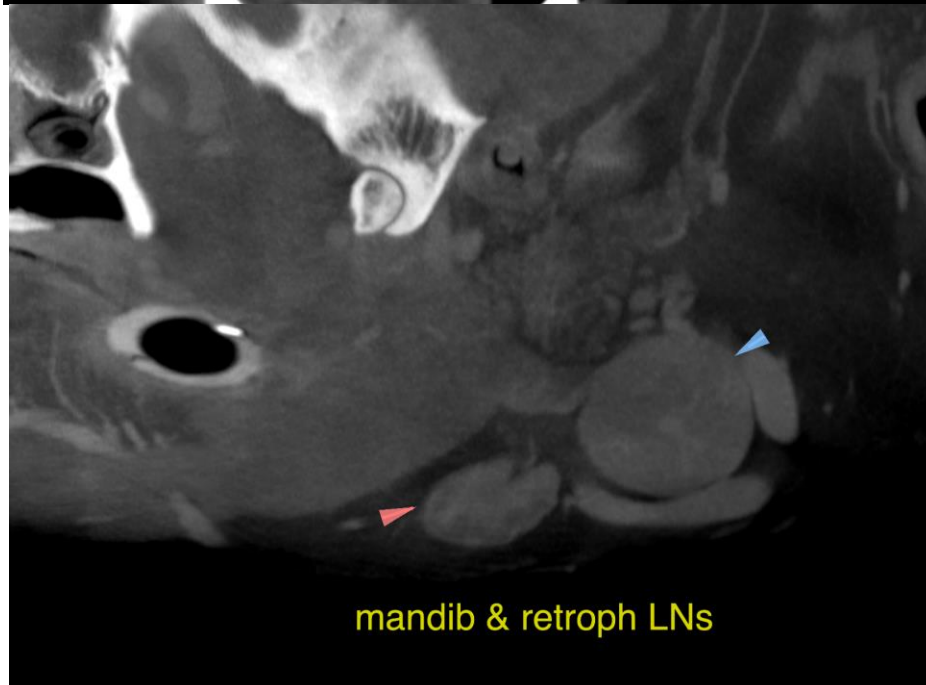


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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**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**

Golden Retriever

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