



**PATIENT**

Word Louie's Legacy  
Animal Rescue

**PRESENTING CLINICAL SIGNS**

PE: Lungs clear/eupneic, no crackles/wheezes auscultated; increased nasal noise/congestion sounds

**SPECIES**

Feline

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

Post contrast studies available for review. Study is right/left flipped.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

DSH

**Head & Neck**

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.

**SEX**

FS

Moderate mucosal swelling and fluid accumulation are noted within both nasal cavities. There is no evidence of turbinate destruction, foreign material, relevant dental lesions, or a soft tissue mass. The cribriform plate is intact. The right frontal sinus presents moderate swelling of its mucosal lining with mild hyperostosis and fluid accumulation. The left frontal sinus is ossified.

**AGE**

2 Years

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

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Both tympanic bullae contain a moderate amount of fluid attenuating material. Hyperattenuating material is noted medially within both external auditory meatuses. Moderate thickening of the epithelial lining of the bilateral external auditory meatuses is noted.

An ovoid hypoattenuating contrast negative structure of 5 x 2mm is seen in the medial aspect of the left external auditory meatus.

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Center

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

The salivary glands present within normal limits.

**REFERRING VET**

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Both lobes of the thyroid gland are seen and present within normal limits.

**Thorax**

The cervical and mediastinal lymph nodes present within normal limits.

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A small thymic remnant is present in the cranioventral mediastinum which is an occasional incidental finding.

The lung presents mild ventral peripheral atelectasis. The bronchopulmonary structures present otherwise within normal limits.

**DATE**

4-5-23

No direct evidence of cardiovascular pathology is seen.



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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Moderate bilateral nondestructive rhinosinusitis
- Moderate bilateral otitis media and externa.
- Tissue versus debris within the medial aspect of the left external auditory meatus.
- Mild bilaterally symmetric medial retropharyngeal and submandibular lymphadenitis.
- Incomplete involution of the thymus - incidental finding.
- No structural bronchopulmonary changes.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals moderate bilateral nondestructive rhinosinusitis. Infectious rhinitis such as viral, bacterial, or mixed is considered by far most likely. Allergic and lymphoplasmacytic rhinitis as well as fungal infection cannot be ruled out entirely but are thought by far less likely.

Note the concurrent presence of bilaterally symmetric otitis media and otitis externa. Infectious otitis is considered likely. Further otoscopic workup is recommended. Also, in order to determine the nature of the hypoattenuating material in the medial aspect of the left external auditory meatus. Debris is considered more likely than soft tissue. However, emerging polyp cannot be ruled out entirely.

The lymph node changes are mild and compatible with reactive lymphadenitis.





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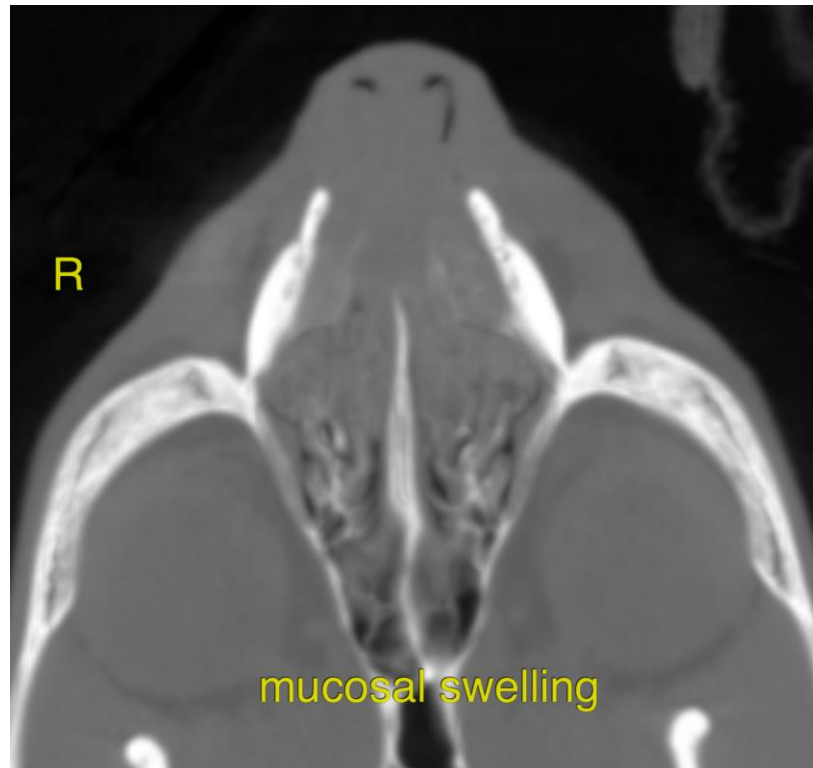
DSH

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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.

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com