



**PATIENT**

Thiago Izquierdo

**PRESENTING CLINICAL SIGNS**

Three months history of sneezing and unilateral nasal discharge(left sided). Increased soft tissue opacity noted on skull radiographs, no evidence of turbinate destruction. Referred for skull to chest CT Scan to rule out nasal polyp, neoplasia vs. foreign body. Labs from rDVM performed on 7/2/2022. Patient has been on antibiotics and Prednisone, and has a good response, but once he finishes them he presents symptoms again.

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- AMYL mild increased

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

**BREED**

DLH

Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

NM

An irregular shaped ill-defined soft tissue mass of approximately 2.0 cm length, 1.5 cm width, and 1.0 cm height is seen within the mid-ventral aspect of the left nasal cavity. Regional turbinate destruction and bone expansion are noted. The mass extends into the nasal fundus and crosses the midline towards the right nasal cavity and right nasal fundus. No evidence of intracranial invasion is noted. A moderate amount of fluid attenuating material is present within the left nasal cavity and left frontal sinus.

**AGE**

8 Years

A mild amount of fluid attenuating material is seen within the rostral aspect of the left tympanic bulla.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The left medial retropharyngeal lymph node presents mild symmetric enlargement.

The cervical and submandibular lymph nodes present within normal limits.

The mediastinal lymph nodes and thyroid gland present within normal limits.

**HOSPITAL NAME**

Veterinary Image  
Center

Mild generalized bronchial wall enhancement is seen. There is no evidence of interstitial pulmonary nodules or pulmonary mass.

No evidence of cardiovascular pathology is seen.

Moderate T11/12 spondylosis deformans is noted.

**REFERRING VET**

Dr. J. Crescioni, DVM

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Soft tissue mass within the caudoventral aspect of the left nasal cavity with nasal fundus extension.
- Mild left sided medial retropharyngeal lymphadenomegaly.
- Left sided frontal sinusitis.
- Left sided otitis media.
- No evidence of pulmonary metastatic disease.

**INVOICE**

52684

**DATE**

7-4-22

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals presence of a soft tissue mass with aggressive biological behavior in the caudoventral aspect of the left nasal cavity. Differential diagnosis includes neoplasia such as



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lymphosarcoma, adenocarcinoma, other carcinoma, or soft tissue sarcoma and less likely (fungal) granuloma. Further definition by means of rhinoscopy with sampling for histology is strongly recommended if not performed already. Note the presence of concurrent ipsilateral frontal sinusitis and otitis media. Ooscopic workup could be considered.

**SPECIES**

Canine

The lymph node changes are suggesting presence of reactive hyperplasia. Early metastatic disease cannot be ruled out entirely. Consider fine needle aspiration of the left medial retropharyngeal lymph node.

**BREED**

DLH

**SEX**

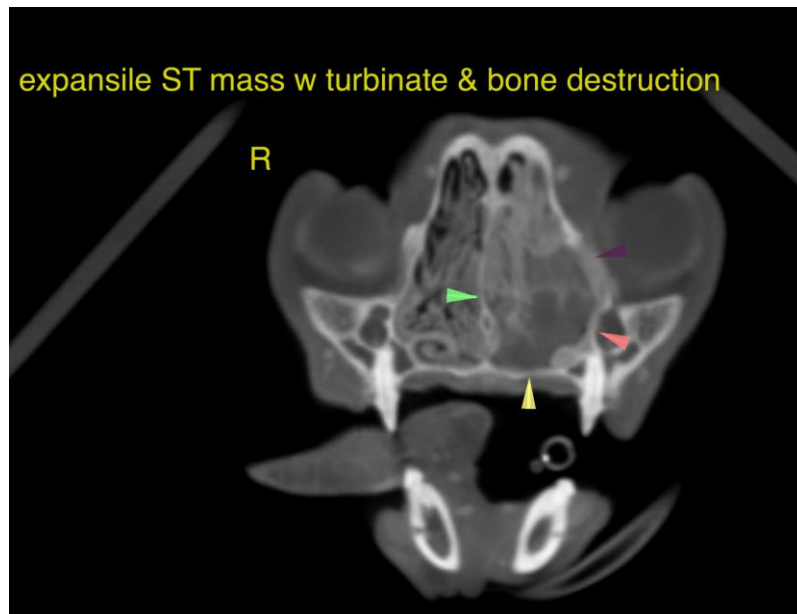
NM

**AGE**

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**HOSPITAL NAME**

Veterinary Image Center

**REFERRING VET**

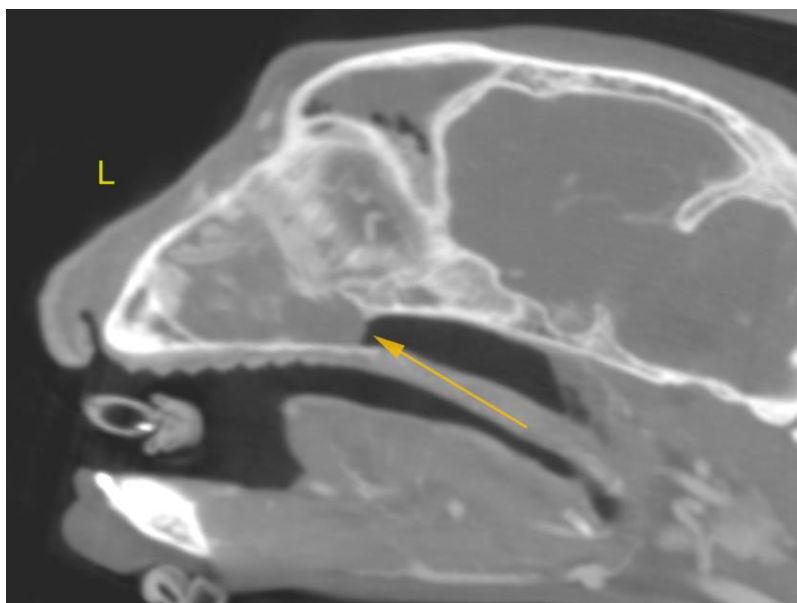
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

### 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

DLH

**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  
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### SEX

NM

### AGE

8 Years

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Nele Eley, DVM  
Dr. med. Vet. DipECVDI

### HOSPITAL NAME

Veterinary Image  
Center

### REFERRING VET

Dr. J. Crescioni, DVM

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