



**PATIENT**

Winnifred Sparling

**PRESENTING CLINICAL SIGNS**

Hx chronic left nasal discharge, intermittent epistaxis  
Abnormal PE/Chem/CBC/UA Results: June 2022 cbc/chem WNL

**SPECIES**

Feline

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

Plain and post contrast studies in soft tissue, bone, and lung windows available for review.

**BREED**

DSH

**SEX**

FS

**AGE**

11 Years

**Head**

An irregular shaped and ill-defined soft tissue attenuating mass is seen within the caudal and mid third of the left nasal cavity. The mass measures approximately 25mm in length, 20mm in height, and 11mm in width. Regional turbinate destruction is noted as well as polyostotic aggressive bone lysis involving the bony nasal septum, cribriform plate, left bony orbita, and left nasal, maxillary, and palatinal bones. Part of the mass deviated and interrupts the nasal septum. The caudal extent of the mass is situated within the left nasal choana. The left frontal sinus and the left presphenoidal sinus are filled with fluid attenuating material.

The left submandibular and medial retropharyngeal lymph nodes are mildly enlarged.

Mild mucosal swelling is noted within the right tympanic bulla.

**Thorax**

The mediastinal lymph nodes present within normal limits.

The bronchopulmonary structures present within in age related normal limits. No evidence of interstitial pulmonary nodules or masses is seen.

There are no overt signs of cardiovascular pathology.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Soft tissue mass with aggressive biological behavior within the left nasal cavity with early intracranial invasion.
- Secondary obstructive left sided sinusitis.
- Mild left medial retropharyngeal and submandibular lymphadenomegaly.
- Mild right sided otitis media.
- Normal age related findings of the thorax.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Animal Health  
Partners

**REFERRING VET**

Dr. Westgarth

**INVOICE**

54081

**DATE**

9-13-22

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with a malignant soft tissue neoplasia within the left nasal cavity. Differential diagnosis includes lymphosarcoma, adenocarcinoma, other carcinoma, and soft tissue sarcoma. Final diagnosis will require sampling for histology which could be obtained by means of rhinoscopy if not performed already.

The lymph node changes are equivocal for reactive hyperplasia versus early metastatic disease. Fine needle aspiration could be considered for further definition.



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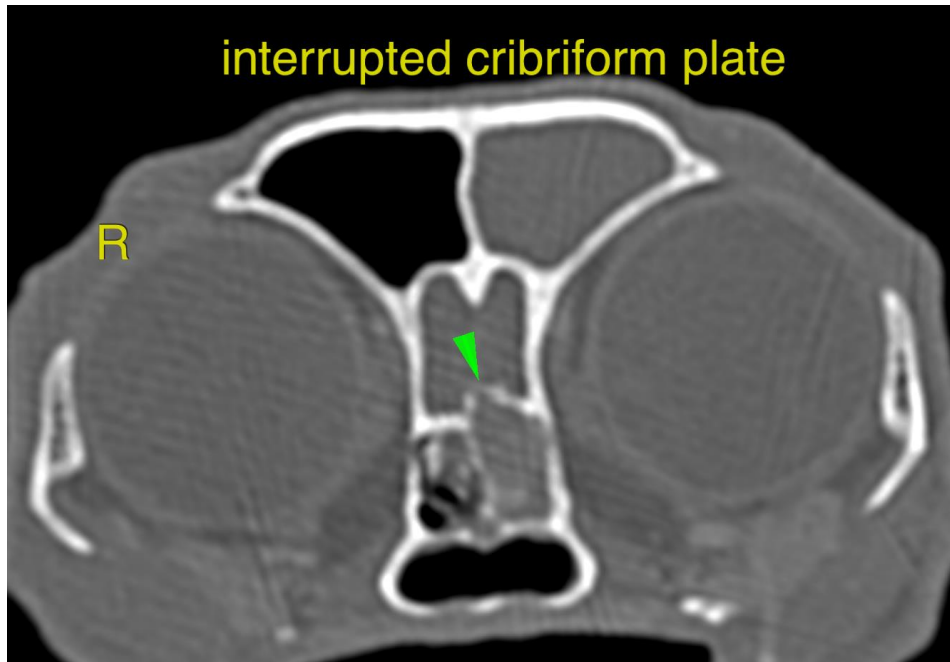
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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