



**PATIENT**

Princess Fuzzy Bucket  
Armstrong

**PRESENTING CLINICAL SIGNS**

7/2022 Epistaxis noted that resolved following antibiotic administration 10/2022 respiratory noises and sneezing blood- CT recommended at that time  
Abnormal PE/Chem/CBC/UA Results: CBC/Chemistry prior to CT scan WNL Biopsy to right nasal cavity obtained following CT 10/17/22

**SPECIES**

Feline

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain and post contrast studies available for review.

**BREED**

DSH

**COMPUTED TOMOGRAPHIC FINDINGS**

A large irregular shaped and ill-defined soft tissue mass is occupying the caudal and mid third of the right nasal cavity. The mass measures approximately 3.0 cm in length, 2.8 cm in height, and 1.5 cm in width. Regional turbinate destruction is seen as well as aggressive bone lysis of the pterygoid bone, right hard palate, and right bony orbita. The mass presents heterogeneous contrast enhancement and extension into the nasal fundus where complete obstruction of the nasal passage is seen. The right presphenoidal and right frontal sinus are filled with fluid attenuating contrast negative material. The cribriform plate is intact.

**SEX**

Female Spayed

The regional lymph nodes present within normal limits.

**AGE**

14 Years

The dentition is incomplete with resorptive changes of the few remaining teeth.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Soft tissue mass with aggressive biological behavior within the right nasal cavity.
- Obstructive right presphenoidal and right frontal sinusitis.
- No evidence of lymph node metastases.

**HOSPITAL NAME**

Petroglyph Animal  
Hospital

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with a malignant soft tissue neoplasia with in the right nasal cavity. The findings are not typical for erosive rhinitis. Differential diagnosis includes adenocarcinoma, other carcinoma, round cell neoplasia, and soft tissue sarcoma. Final diagnosis would require sampling for histology which could be obtained under endoscopic guidance.

**REFERRING VET**

Whitney Jones

The right frontal and presphenoidal sinuses reveal fluid accumulation secondary to obstruction and mass effect.

**INVOICE**

54643

**DATE**

10-17-22



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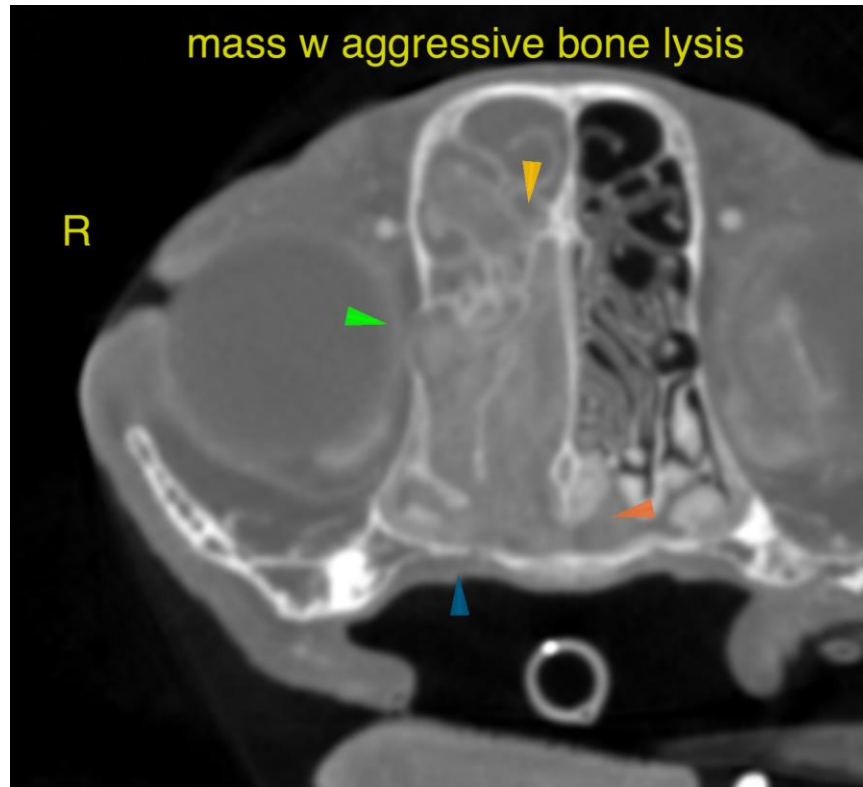
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**SPECIES**

Feline

**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

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