



**PATIENT PRESENTING CLINICAL SIGNS**

Khaleesi Esposito Nasal congestion since May.

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

**SPECIES** Plain and post contrast studies available for review.

Feline

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

DSH

**SEX**

Spayed Female

A large irregular shaped and ill-defined soft tissue attenuating mass is seen within the left nasal cavity. The mass measures approximately 3.7 cm in length, 1.9 cm in width, and 2.6 cm in height. Regional turbinate destruction is noted as well as polyostotic aggressive osteolysis involving the left bony orbita, nasal septum, left and right nasal bones, left maxilla, and left palatine bone which allows for extension of the mass into the left orbita onto the dorsum of the nose, into the right nasal cavity, as well as into the nasal fundus. The mass presents moderate nonuniform contrast enhancement on the post-contrast study. The left frontal sinus is filled with fluid attenuating contrast negative material. Similar material is present within the left presphenoidal sinus. The cribriform plate is intact. At this time, there is no evidence of intracranial extension.

**AGE**

6.5 Years

The left and right submandibular and medial retropharyngeal lymph nodes present within normal limits.  
Mild left sided exophthalmos is seen.

**INTERPRETED BY**

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Soft tissue mass with aggressive biological behavior within the left nasal cavity with extension into the left orbita, onto the dorsum of the nose, into the nasal fundus, and into the right nasal cavity.
- Obstructive left frontal and presphenoidal sinusitis.

**HOSPITAL NAME**

Mobile Pet Imaging

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with malignant soft tissue neoplasia emerging from the left nasal cavity with polyostotic aggressive bone lysis and invasion of the left orbita, nasal fundus, right nasal cavity, as well as extension onto the dorsum of the nose. Differential diagnosis includes nasal adenocarcinoma, other carcinoma, lymphosarcoma, and soft tissue sarcoma. Final diagnosis would require sampling for histology.

**REFERRING VET**

Meaux

At this time, there is no evidence of regional lymph node metastases.

**INVOICE**

54025

**DATE**

9-8-22



**PATIENT**

Khaleesi Esposito

**SPECIES**

Feline

**BREED**

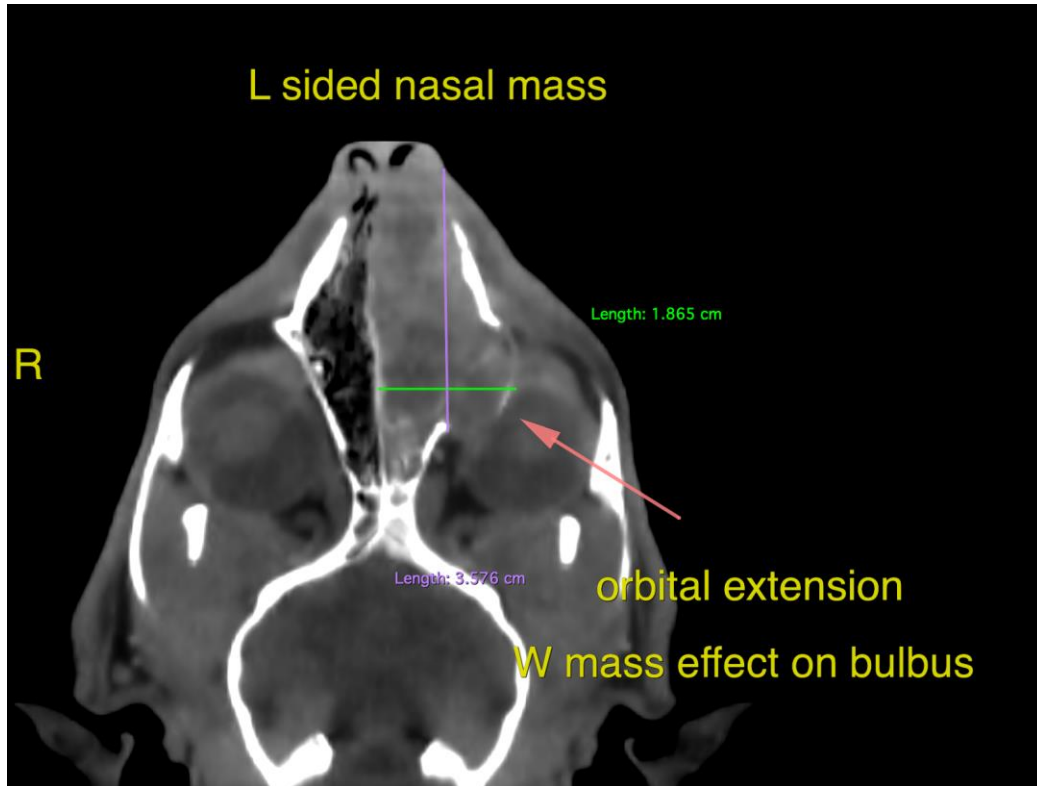
DSH

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

**HOSPITAL NAME**

Mobile Pet Imaging

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.

**REFERRING VET**

Meaux

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