



PATIENT PRESENTING CLINICAL SIGNS

PATIENT June Hamacher Presented to ophthalmologist for evaluation of tearing from the left eye. Has been losing weight (at least 2 pounds per owner), hiding and not grooming like she used to. She has also been sneezing for a few weeks.

SPECIES Abnormal PE/Chem/CBC/UA Results: OD: Comfortable. No discharge. No hyperemia. Clear cornea. No flare. Normal iris. Clear lens. Normal fundic exam. OS: Mild ptosis. Firm swelling extending into nasolacrimal region. Epiphora (suspect due to inadequate drainage). Mild hyperemia. Remainder as OD. Symmetrical retropulsion Firm swelling/widening of the bridge of the nose evident; on slide test only air flow through left nostril ; limited oral exam unremarkable (PD) Diagnosis: Periocular disease (r/o abscess vs neoplasia vs other)

Feline

BREED DSH

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

SEX COMPUTED TOMOGRAPHIC FINDINGS

Spayed Female **Head**

AGE Multifocal severe turbinate destruction is noted throughout the left nasal cavity. The left nasal cavity is expanded with multifocal soft tissue swelling and rightward deviation of the nasal septum. Multifocal bone erosions are seen accentuating the rostral margins of the nasal bones. There is multifocal soft tissue swelling with no clear mass effect. The soft tissue and osseous changes involve the pathway of the left nasolacrimal duct. Moderate mucosal swelling and fluid accumulation are noted within the ventral aspects of both frontal sinuses.

9 Years, 8 Months

INTERPRETED BY The medial retropharyngeal lymph nodes are mildly enlarged on both sides.

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

Thorax

The bony and surrounding soft tissue structures are within normal limits.

HOSPITAL NAME The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

Mobile Pet Imaging

REFERRING VET The cardiovascular structures including the pulmonary vasculature are within normal limits.

Meaux The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

INVOICE Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

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DATE
10-18-22


PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

June Hamacher

- Erosive and expansile rhinosinopathy of the left nasal cavity and both frontal sinuses.
- Bilateral medial retropharyngeal lymphadenomegaly.
- No evidence of pulmonary metastatic disease.

SPECIES

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INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are suggestive for chronic erosive rhinosinopathy which may be due to infection such as viral, bacterial, fungal, or lymphoplasmacytic in origin. Atypical presentation of neoplasia such as lymphosarcoma cannot be ruled out entirely. Further definition by means of tissue sampling and culture is strongly recommended if not performed already.

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The lymph node changes are suggestive for reactive hyperplasia even though a lymphomatous infiltrate cannot be ruled out entirely.

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HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

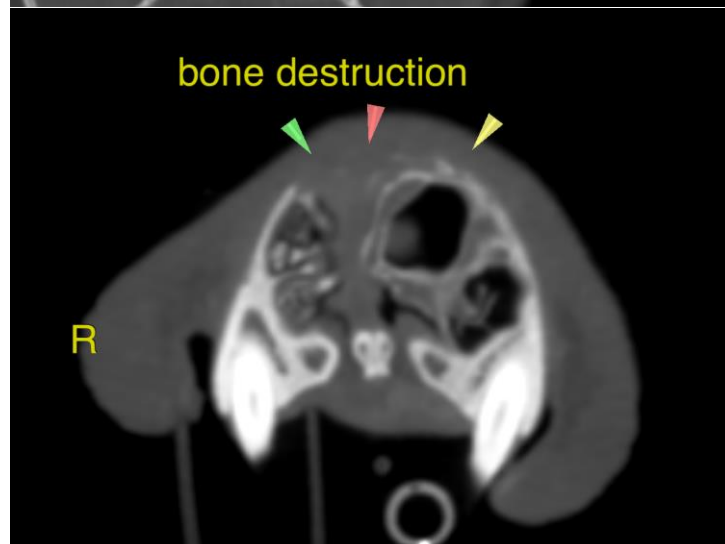
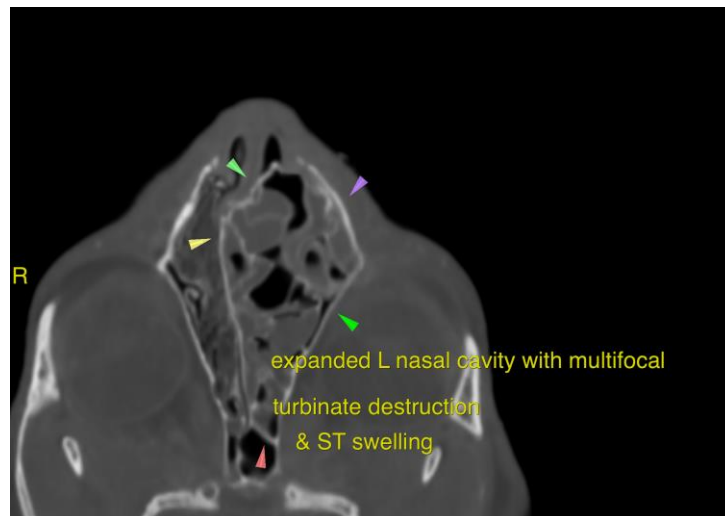
Meaux

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**PATIENT**

June Hamacher

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.

SPECIES

Feline

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

DSH

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