



PATIENT PRESENTING CLINICAL SIGNS

Thomas Acuna History of bilateral nasal discharge, mucoid on right, sanguineous on left
 Abnormal PE/Chem/CBC/UA Results: CBC/Chemistry unremarkable, decreased air flow bilaterally

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Feline Plain and post contrast studies available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

DSH An irregular shaped and ill-defined soft tissue attenuating mass is obstructing the caudal nasal passages. The mass measures approximately 3.5 cm in length, 1.5 cm in height, and 2.7 cm in width. Aggressive osteolytic changes of the pterygoid bone, left nasal bone, and hard palate are seen. There is regional turbinate destruction in the caudoventral aspect of both nasal cavities. The cribriform plate appears to be intact; however, the mass is close to the cribriform plate and occupies the presphenoidal sinuses. Extension into the medial aspect of the left orbita is noted with mild lateral deviation of the left eye. Mild left sided retropharyngeal extension is seen as well.

SEX

MN

AGE Both tympanic bullae contain a mild amount of fluid attenuating material and present mild swelling of their mucosal lining.

15.5 The regional lymph nodes present within normal limits.

INTERPRETED BY

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Caudal nasal soft tissue mass with aggressive biological behavior, bilateral extension, and extension into the left orbita, as well as into the presphenoidal sinuses and left retropharynx.
- Bilateral otitis media – likely secondary to obstruction of the auditive tube versus infectious otitis media.

HOSPITAL NAME

Mobile Pet Imaging

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a malignant soft tissue neoplasia within the caudoventral aspect of both nasal cavities. The mass extends into the nasal fundus, left orbita, presphenoidal sinuses, and left retropharyngeal soft tissues. Differential diagnosis includes lymphosarcoma, adenocarcinoma, other carcinoma, and soft tissue sarcoma. Final diagnosis will require sampling for histology which could be obtained via rhinoscopy using a retrograde approach through the nasal passages.

REFERRING VET

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

INVOICE

53056

DATE

7-25-22



PATIENT

Thomas Acuna

SPECIES

Feline

BREED

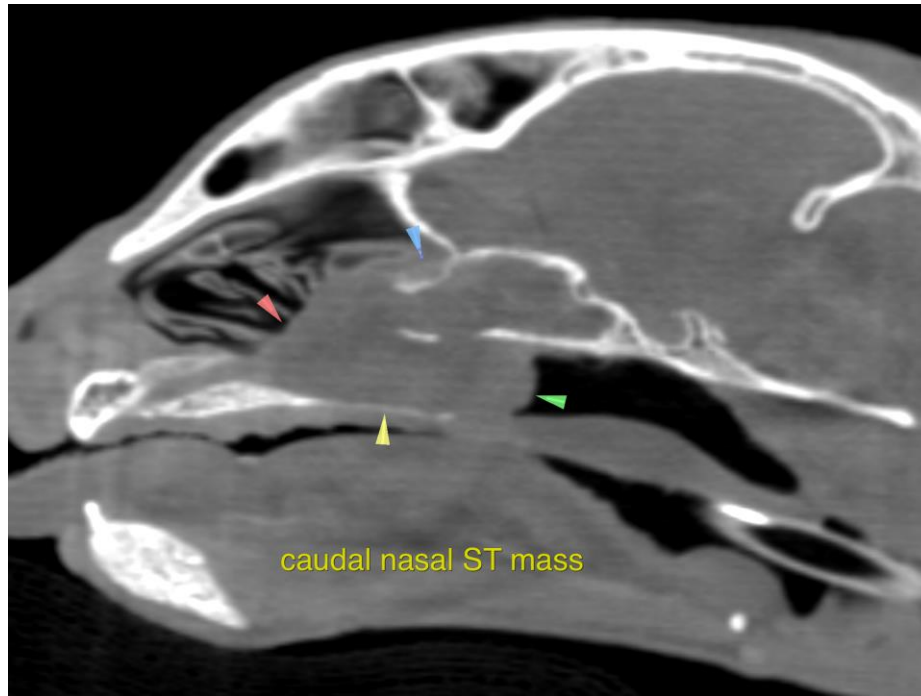
DSH

SEX

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AGE

15.5



caudal nasal ST mass

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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.

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.

HOSPITAL NAME

Mobile Pet Imaging

Nele Eley (Ondreka), 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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