



PATIENT

Wellington O'Connell

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

15Y

WEIGHT

11.4lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Allison, LVT

HOSPITAL NAME

Gentle Doctor Animal
Hospital

REFERRING VET

Dr. Nick Hayes

INVOICE

74453

DATE

4-2-26

PRESENTING CLINICAL SIGNS

- Patient presented for epistaxis and chronic sneezing.
- Discussed differentials including dental disease, polyp, or neoplasia.
- Owners wanted to proceed with a dental cleaning.
- We discussed recommending a full CT with contrast, but owners declined.

Abnormal PE/Chem/CBC/UA Results: Dental CT with no contrast (just to assess dental disease) revealed soft tissue opacity throughout right nasal cavity and sinus. Discussed results with owner who then wanted to proceed with submitting to radiologist despite no contrast. Dental was cancelled.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain study available for review.

COMPUTED TOMOGRAPHIC FINDINGS

A 4 x 3 x 2 cm sized, irregular shaped, ill-defined, large soft tissue attenuating mass is seen within the right nasal cavity. Most of the right nasal cavity is occupied by the mass. Aggressive features with turbinate destruction and polyostotic bone lysis of the nasal, maxillary, and palatinal bones, nasal septum, and bony orbita are seen on the right hand side. The mass extends across the nasal bridge into the right orbit, into the nasal fundus, and contralateral left nasal cavity. Early bone lysis is noted at the ventral right aspect of the cribriform plate.

The right frontal sinus is filled with fluid attenuating material.

Bilateral submandibular and retropharyngeal lymphadenomegaly are seen.

Fluid is present in both tympanic bullae. Hypoattenuating material is seen medially within both ear canals.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Aggressive locally invasive right nasal cavity mass with paranasal extension and signs of early intracranial extension.
- Bilateral regional lymphadenopathy.
- Secondary involvement of the frontal sinus.
- Bilateral otitis media and externa.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

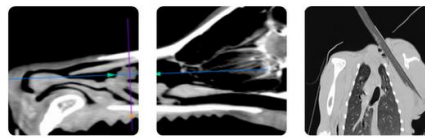
The CT study shows a mass with aggressive bone lysis and extension into adjacent structures including orbit and cribriform plate within the right nasal cavity consistent with a malignant process. Obstruction of the upper airways is noted. Differential diagnosis includes nasal carcinoma or other aggressive neoplasia. The findings are not compatible with a benign mass.

The lymph node enlargement may reflect reactive change or early metastatic spread.

Fluid in the right frontal sinus is likely secondary to obstruction.

The presence of bilateral otitis media and externa is likely unrelated to the mass.

Histopathology of the mass would be essential for definitive diagnosis. FNA of the regional lymph nodes can be considered to rule out early metastatic disease as well. Consider consultation with a



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veterinary oncologist for (palliative) treatment planning.

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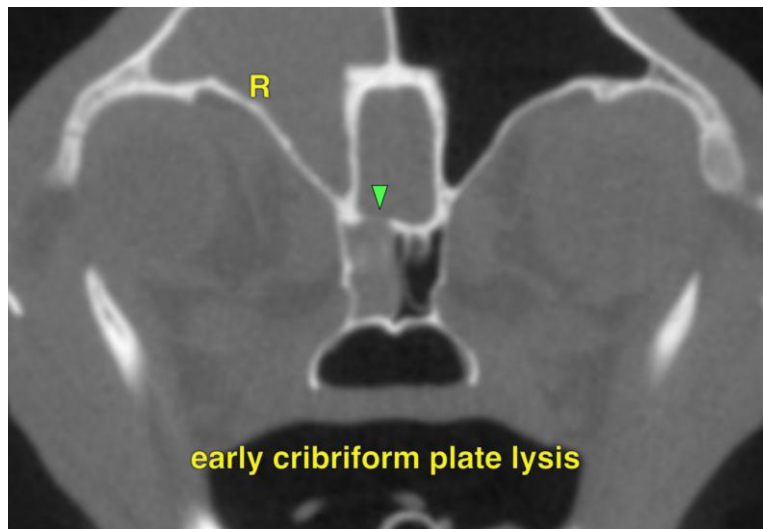
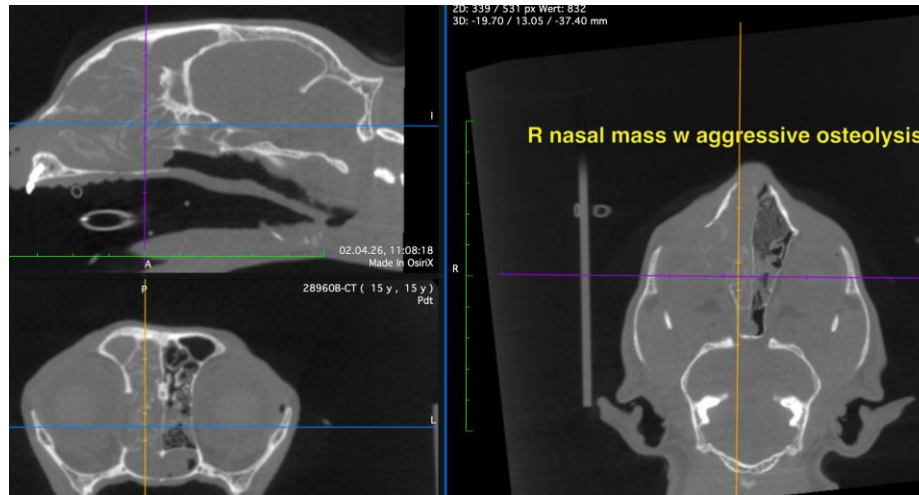
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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