

**PATIENT**

Kittycat Green

PRESENTING CLINICAL SIGNS

6w hx of snuffles and unilateral discharge now progressing to bilateral nosebleeds, non responsive to ABx but difficult cat so ABx choice has been limited.

SPECIES

Feline

COMPUTED TOMOGRAPHY OF THE HEAD

Pre/post contrast studies provided for review.

BREED

Domestic Shorthair

COMPUTED TOMOGRAPHIC FINDINGS

Both nasal cavities and the left frontal sinus are completely obliterated with soft tissue dense material. Margins to the nasal exit are clearly defined and mass-like. There are multiple erosions of the bony borders recognized including the palatine bone, the lamina to the left orbit, the nasal septum and bone, and the cribriform plate. Thickening and enhancement of the adjacent meninges are not recognized. Conches on the left appear destructed with amorphous, unstructured new bone formations. The lesion appears expansile and crosses the midline to the right at the level of the nasal exit with again complete obliteration of the right nasal cavity. Conches on the right appear intact as far as can be assessed.

SEX

Female

AGE

16 Years

The mandibular lymph nodes appear mildly and bilaterally enlarged.

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Aggressive neoplasia left nasal cavity/left frontal sinus with osteolysis of the bony borders at multiple levels including the cribriform plate
- Mandibular lymphadenopathy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CT findings are highly suspicious for a malignant and local aggressive neoplasia of the left nasal cavity. The detected multiple bone lysis and erosion of the cribriform plate on the left would go along with that assumption. Common differentials include but are not limited to nasal carcinoma, lymphoma and squamous cell carcinoma. Biopsy is needed for further evaluation. Involvement of the cranial vault has a poor prognosis.

HOSPITAL NAME

Animal Trust -
Ellesmere Port

REFERRING VET

Laura Hughes

A regional metastatic spread is currently not obvious. The mildly enlarged mandibular lymph nodes are still consistent with reactive inflammation.

INVOICE

52545

DATE

6-22-22



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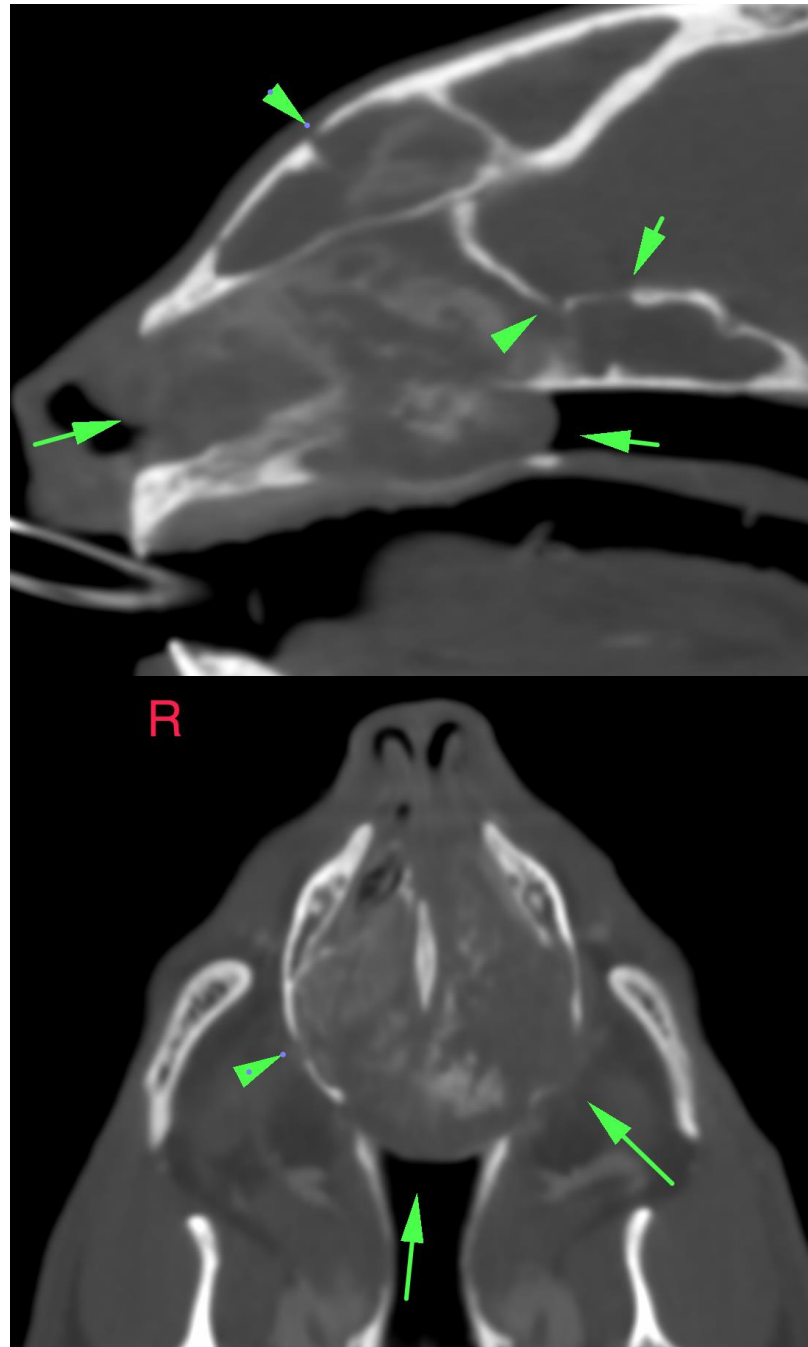
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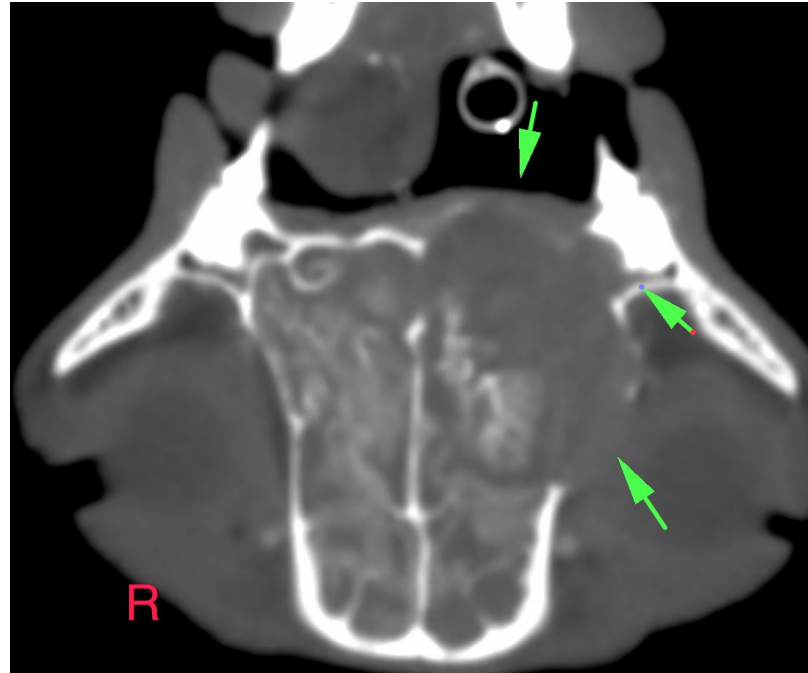
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
Sebastian.Jawinski@sonopath.com