

**PATIENT**

Mack Duffy

**PRESENTING CLINICAL SIGNS**

Epistaxis, swelling between the eyes

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Pre/post contrast studies provided for review.

**BREED**

Lab

**COMPUTED TOMOGRAPHIC FINDINGS**

The right nasal cavity is completely obliterated by a soft tissue dense mass which extends caudally to the right nasal exit, dorsally into the right frontal sinus. There is multifocal osteolysis recognized involving the nasal septum with the mass crossing the midline, the maxillary, nasal, and frontal bone. The right and left frontal sinuses show destruction of the bony margins with irregular periosteal reactions and subcutaneous swelling. Lysis/erosion of the right cribriform plate is detected. A mass effect on the olfactory bulb is not noted.

**SEX**

Male Neutered

Both tympanic bullae are completely ventilated with a regular tympanic bulla wall. External ear canals are ventilated in all sections, walls of the external ear canals, the adjacent temporomandibular joints and the nasopharyngeal meatus have no particular findings.

**AGE**

14 Years +

Post contrast images show marked diffuse pathological enhancement in the right nasal cavity and the frontal sinus. The medial retropharyngeal lymph nodes are bilaterally symmetrical and inconspicuous.

**INTERPRETED BY**

Sebastian Jawinski,  
German Board  
Certified Vet  
Specialist in  
Diagnostic Imaging

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Right nasal mass with multifocal destruction of the bony borders, extending to the left frontal sinus and nasal cavity, the subcutaneous region and showing osteolysis of the cribriform plate

**HOSPITAL NAME**

Mobile Pet Imaging

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

CT findings show an aggressive lesion of the right nasal cavity which is highly suspicious for malignant neoplasia. Differentials include but are not limited to nasal carcinoma and nasal lymphoma. Biopsy is needed for further evaluation. The destruction of the cribriform plate, the multifocal lysis and crossing of the midline have a bad prognosis.

**REFERRING VET**

Meaux

**INVOICE**

47232

**DATE**

8-31-21



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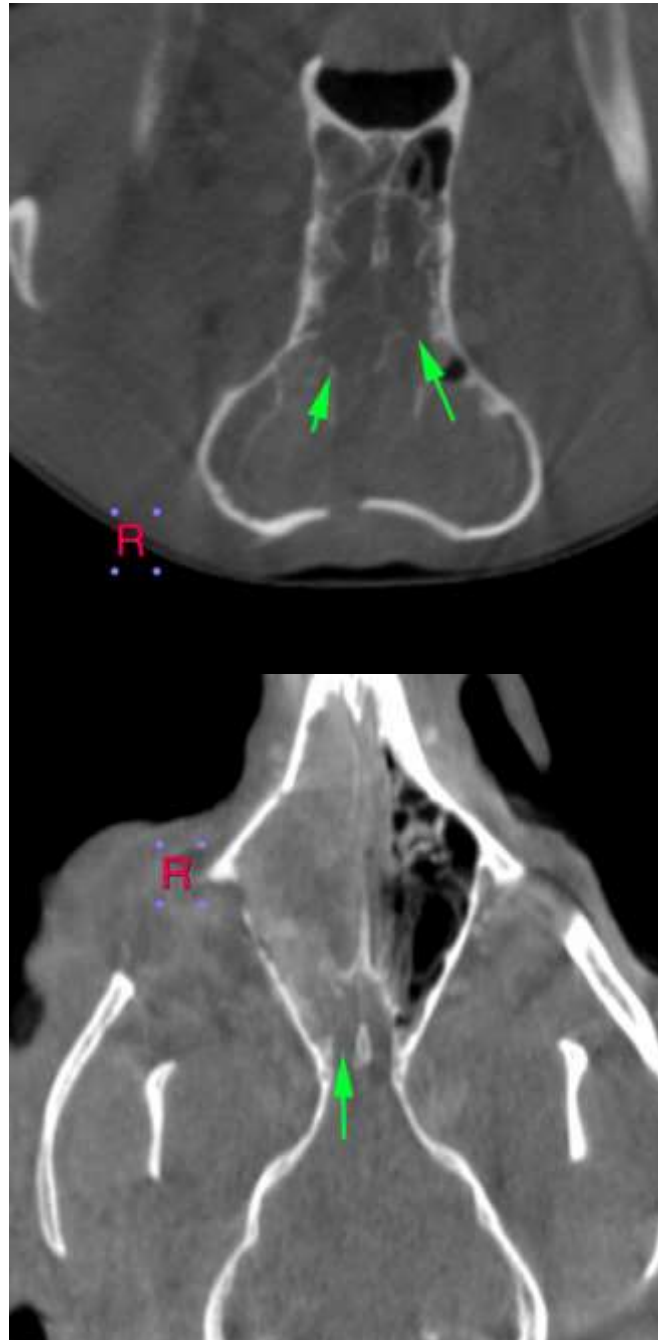
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**SPECIES**

Canine

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

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