



**PATIENT**

Boogles Murman

**PRESENTING CLINICAL SIGNS**

Presented for nasal congestion and sneezing blood  
Abnormal PE/Chem/CBC/UA Results: Normal

**SPECIES**

Feline

**COMPUTED TOMOGRAPHY OF THE HEAD & THORAX**

Pre/post contrast studies provided for review.

**BREED**

DSH

Head:

The left nasal cavity 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 and the nasal septum. Enhancement of the adjacent meninges is not recognized. An involvement of the brain is not noted. Conches on the left appear destructed.

**SEX**

MN

**AGE**

15

The neurocranium shows normal findings. Both tympanic bullae are mainly ventilated with mild fluid pooling more obvious on the left. 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.

**INTERPRETED BY**

Sebastian Jawinski,  
German Board  
Certified Vet  
Specialist in  
Diagnostic Imaging

Soft tissues of the head and neck are symmetrical and of homogeneous density, especially the mandibular and medial retropharyngeal lymph nodes.

Chest:

The lungs are regularly ventilated with close contact to the inner thoracic wall on all sides. No evidence of pleural thickening, fluid accumulation or free pleural gas is noticed.

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Pulmonary density is within normal limits. There are subtle/small focal, ill-defined spots of increased density recognized (s. for example right accessory lobe). Nodular pulmonary lesions are not detected.

**REFERRING VET**

Dr. Runde

Mediastinum is regular in width and density. Mediastinal (sternal, tracheal-, bronchial) lymph nodes are considered to be normal. Thoracic trachea and esophagus present as expected.

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Neoplasia of the left nasal cavity
- No obvious signs of pulmonary/mediastinal metastases

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6-29-22



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**INVOICE**

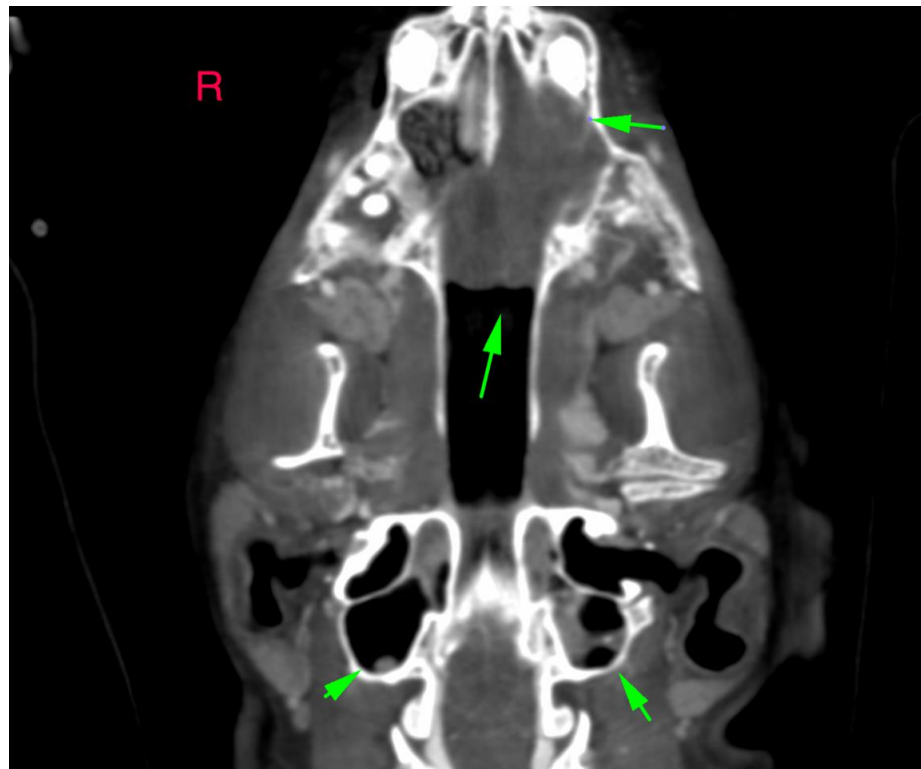
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

CT findings are highly suspicious for a malignant and local aggressive neoplasia of the left nasal cavity. The detected multiple bone lysis and the mass-like margins would go along with that. Common differentials include but are not limited to nasal carcinoma, lymphoma and squamous cell carcinoma. Biopsy is needed for further evaluation. Involvement of the meninges/invasion of the cranial vault is currently not detected. The fluid pooling of the left frontal sinus and in both tympanic bullae are likely due to insufficient mucous clearance caused by the nasal lesion. A regional and/or distant metastatic spread is currently not noted. The tiny, ill-defined pulmonary spots are still consistent with small atelectasis and/or residual inflammation/age-related lesions. Follow up radiographs of the thorax in 6 weeks could be performed for monitoring purposes.





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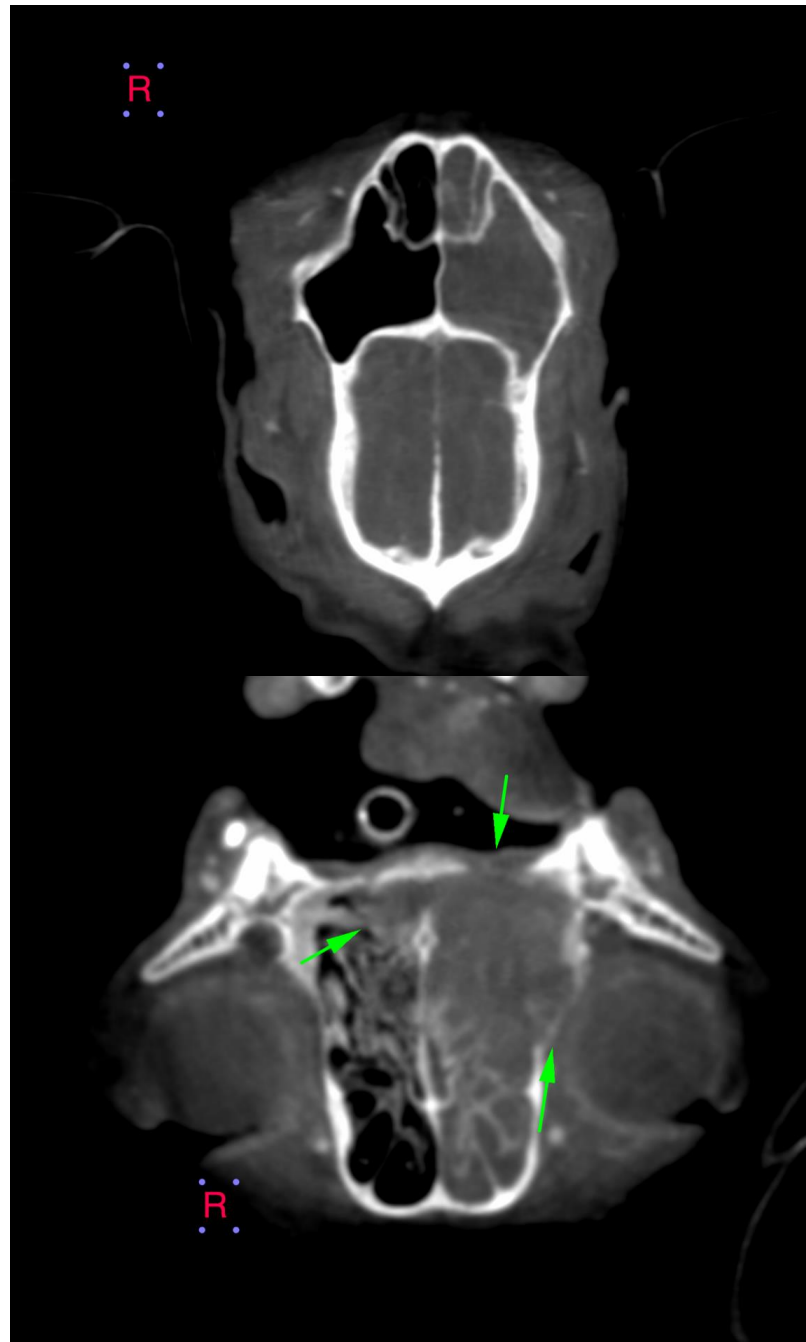
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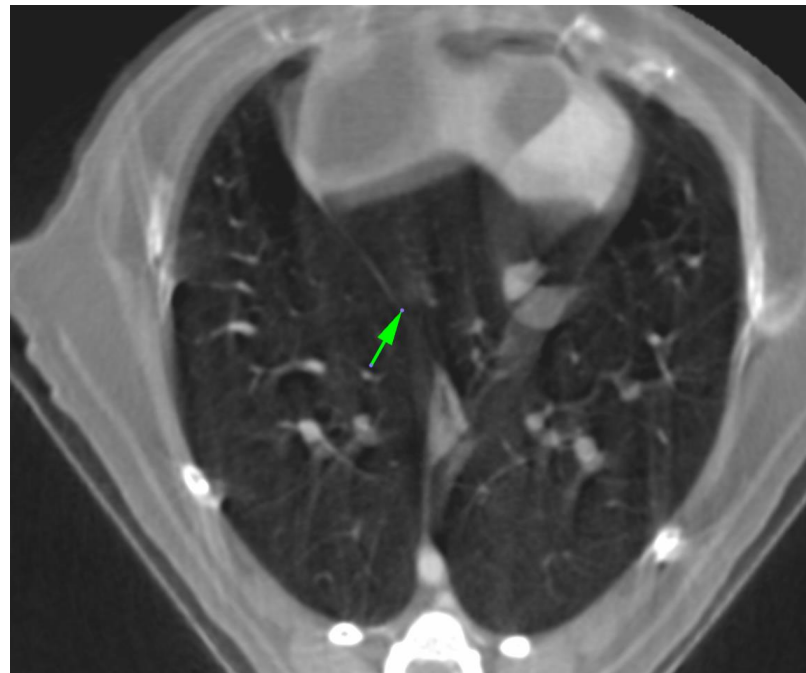
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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**  
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