



PATIENT

Angel Devaney

SPECIES

Canine

BREED

Samoyed

SEX

FS

AGE

11

WEIGHT

30kg

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging

IMAGING PERFORMED BY

Dr. Runde

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

Dr. Runde

INVOICE

72482

DATE

11-4-25

PRESENTING CLINICAL SIGNS

Presented for EPISTAXIS

Abnormal PE/Chem/CBC/UA Results: normal

COMPUTED TOMOGRAPHY OF THE HEAD & THORAX

Pre/post contrast studies are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Head

The left nasal cavity and frontal sinus are completely filled with soft tissue dense material, presenting severe destruction of the rostral conches. There is multifocal osteolysis noted, including the cribriform plate and the temporal bone, with an extension of the mass-like lesion into the cranial vault, leading to mild compression of the left olfactory bulb and mass formation in the left orbit. The margins to the aerated parts of the nasal exits and the right side are clearly defined. The images after contrast application present a heterogeneous enhancement in the rostral parts of the left nasal cavity.

The nasopharyngeal meatus and both tympanic bullae are regularly ventilated as well as the external ear canals.

The neurocranium does not show particular findings apart from the impression of the left olfactory bulb.

The cervical lymph nodes are symmetrical and unremarkable.

Thorax

The chest shows normal bony structures and intact borders including the diaphragm.

Relevant nodular, diffuse or focal changes of the pulmonary structures are not recognized, free pleural fluid is not present.

The mediastinal structures show subtle enlargement of the mediastinal lymph nodes. These are normal in shape and contrast behavior.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspected malignant neoplasia left nasal cavity with invasion of the cranial vault and the left orbit
- No signs of regional, pulmonary or mediastinal metastases

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes of the left nasal cavity are highly suspicious for an invasive and aggressive lesion as seen with malignant neoplasia. Differentials include but are not limited to nasal carcinoma, squamous cell carcinoma and nasal lymphoma. Secondary bacterial infection is likely. I would rule out an



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infection/inflammation as a primary cause. For further assessment, biopsy and histopathology are needed. As far as can be assessed, there are no signs of regional, pulmonary or mediastinal metastases.





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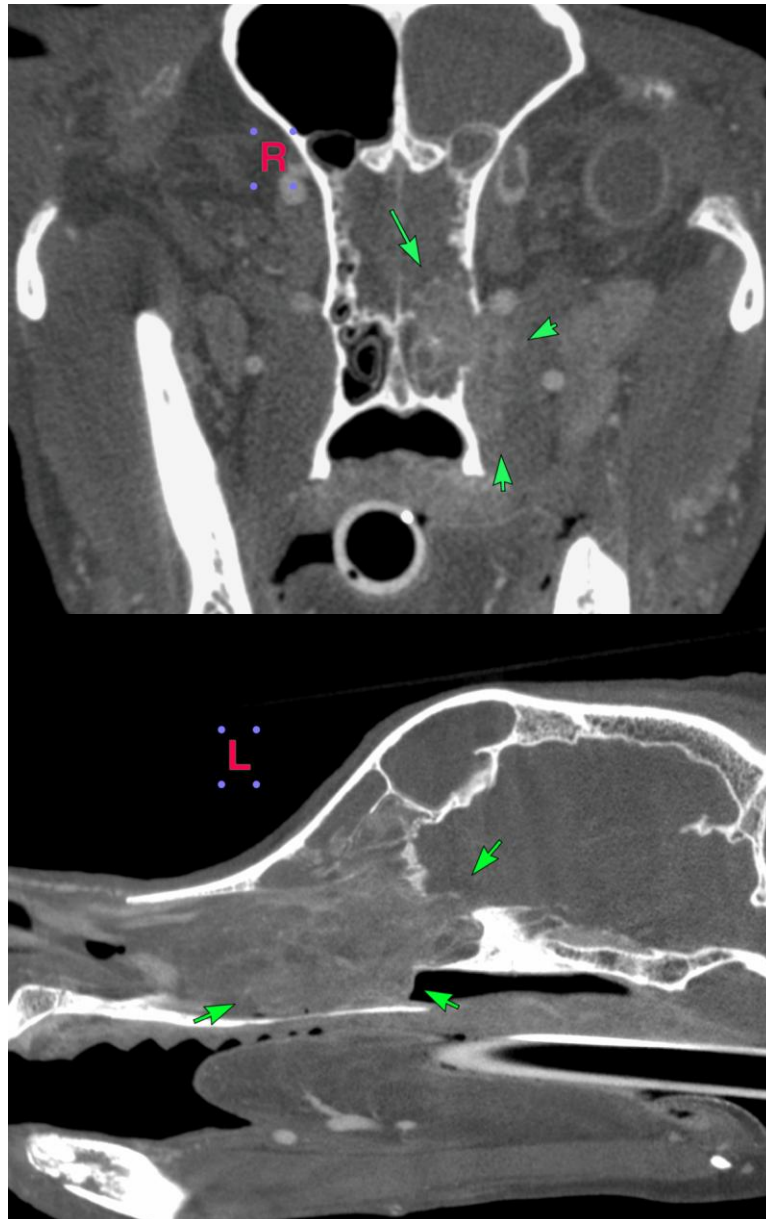
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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