

**PATIENT**

Alicia Radiola

PRESENTING CLINICAL SIGNS

Epistaxis left nostril

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Pre/post contrast studies provided for review.

BREED

Border Collie

COMPUTED TOMOGRAPHIC FINDINGS

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, the nasal septum and the cribriform plate. There is subtle thickening and enhancement of the adjacent meninges recognized, an involvement of the brain is not noted. Conches on the left appear destroyed.

SEX

Female Spayed

Bony structures of skull and the skull foramina of the cranial nerves are laterally symmetrical and inconspicuous.

AGE

11 Years, 10 Months

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.

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 medial retropharyngeal lymph nodes.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Aggressive/malignant lesion of the left nasal cavity

HOSPITAL NAME

Mobile Pet Imaging

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**REFERRING VET**

Meaux

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 with the meningeal enhancement 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 has a poor prognosis from a CT perspective.

INVOICE

47847

A regional metastatic spread is currently not noted.

DATE

10-19-21



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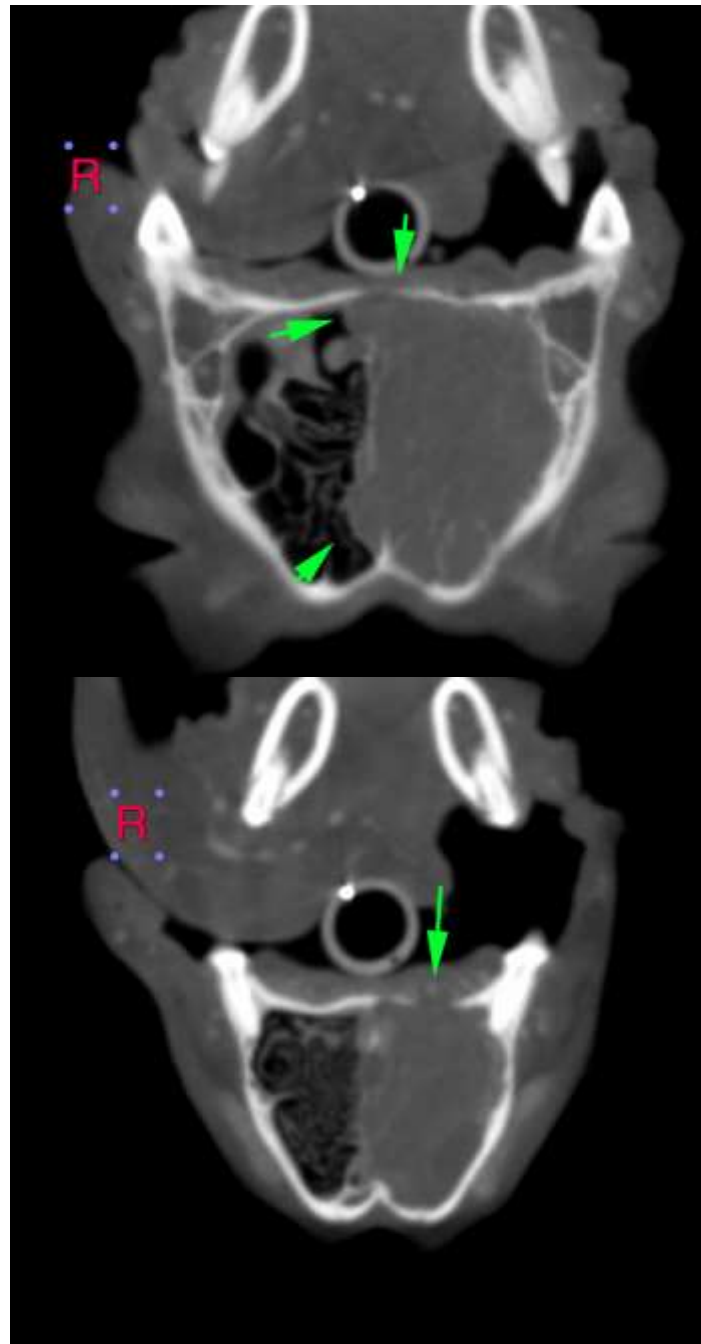
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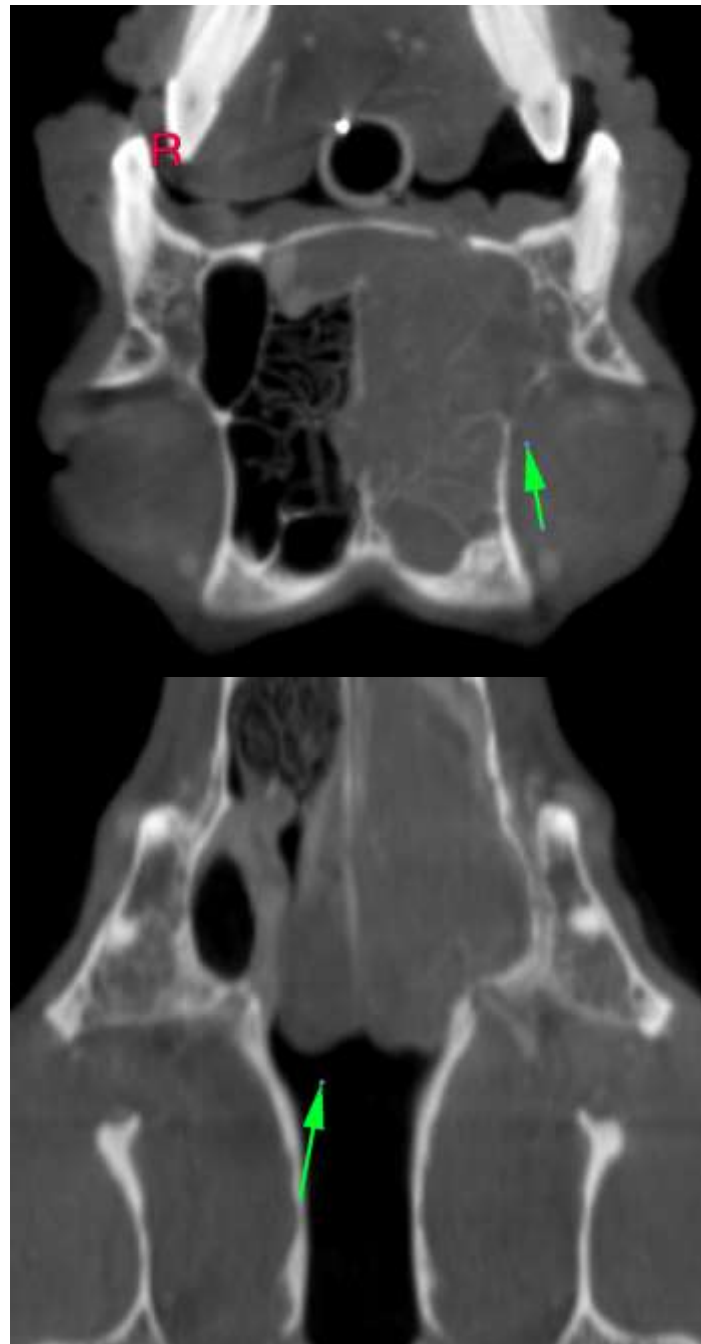
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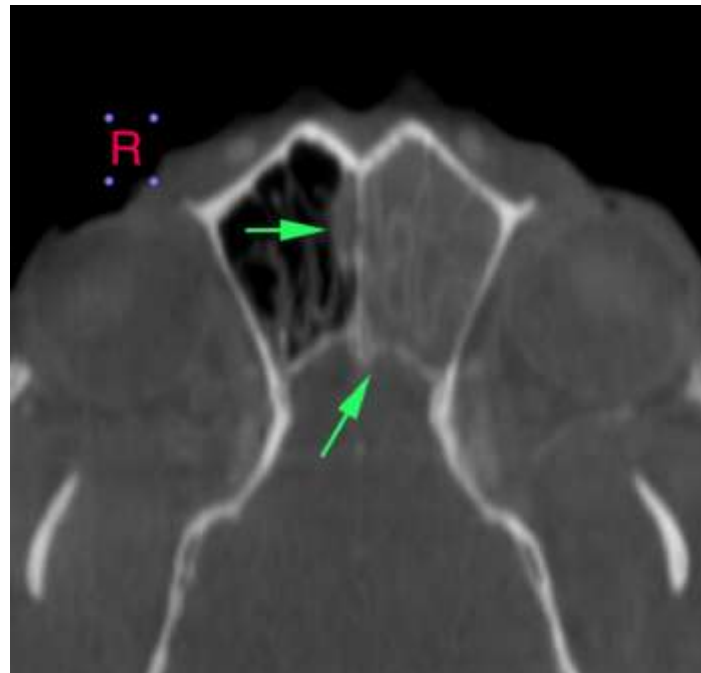
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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