



PATIENT

Ziggy Misner

PRESENTING CLINICAL SIGNS

~4 month Hx of bloody nasal discharge

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Pre/post contrast studies provided for review.

BREED

Doberman

Head:

The neurocranium shows normal findings. Bony structures of the skull and the skull foramina of the cranial nerves are laterally symmetrical and inconspicuous.

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

3 Years

Frontal sinuses and the orbital contents are laterally symmetrical without evidence of a retrobulbar lesion. The right nasal cavity is ventilated regularly. Adjacent to the caudal septum a small, spot-like calcification in the ventral cavity is noted.

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

The left nasal cavity shows significant atrophy of the rostral conches with residual turbinalia and consecutive large, aerated spaces. The caudal aspect of the ventral nasal concha impresses with a calcified, mildly space-occupying conchal structure. The nasal septum indicates mild deviation to the right at this level. Bony borders of the left nasal cavity are intact.

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The maxillary teeth 110 and 210 each show mild periapical lysis of all roots pronounced on the side.

The left medial retropharyngeal lymph node is mildly enlarged.

Chest:

REFERRING VET

Rodriguez

The lungs are regularly ventilated with close contact to the inner thoracic wall on all sides. There is no evidence of pleural thickening, fluid accumulation or free pleural gas. Pulmonary density is within normal limits, there is no evidence of focal or nodular pulmonary lesions.

INVOICE

49514

The mediastinum is regular in width and density. Mediastinal (sternal, tracheal-, bronchial) lymph nodes are considered to be normal.

The thoracic trachea and esophagus present as expected.

DATE

1-12-22

The diaphragm appears normal.

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The extra-thoracic soft tissues, ribs and sternum are unremarkable.

The thoracic spine reveals mild degenerative changes with formation of ventral spondylosis. There is no evidence of osteolysis.

SPECIES

Canine

COMPUTED TOMOGRAPHIC DIAGNOSIS**BREED**

Doberman

- Severe atrophy of the left ventral nasal concha
- Mildly space-occupying, calcified conchal lesion caudal section of the left ventral concha
- Mild left medial retropharyngeal lymph adenomegaly
- Mild periapical lysis roots of 110 and 210 as an incidental finding
- Normal CT findings of the chest

SEX

Male Neutered

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CT findings represent severe, unilateral and chronic, erosive rhinitis on the left which is commonly seen with nasal mycosis (aspergillosis) and/or (secondary) bacterial infection. The calcified structure indicates residual conches which may show metaplastic calcification due to chronic inflammation. Initial osseous hamartoma is a potential differential diagnosis since there is mild deviation of the septum recognized which could be secondary to a space-occupying process. Rhinoscopy for biopsy/swap and flushing is recommended. The mildly enlarged left medial retropharyngeal lymph node is consistent with reactive inflammation correspondent to the left sided findings.

AGE

3 Years

There are no signs of a relevant pulmonary/mediastinal inflammation or metastases recognized.

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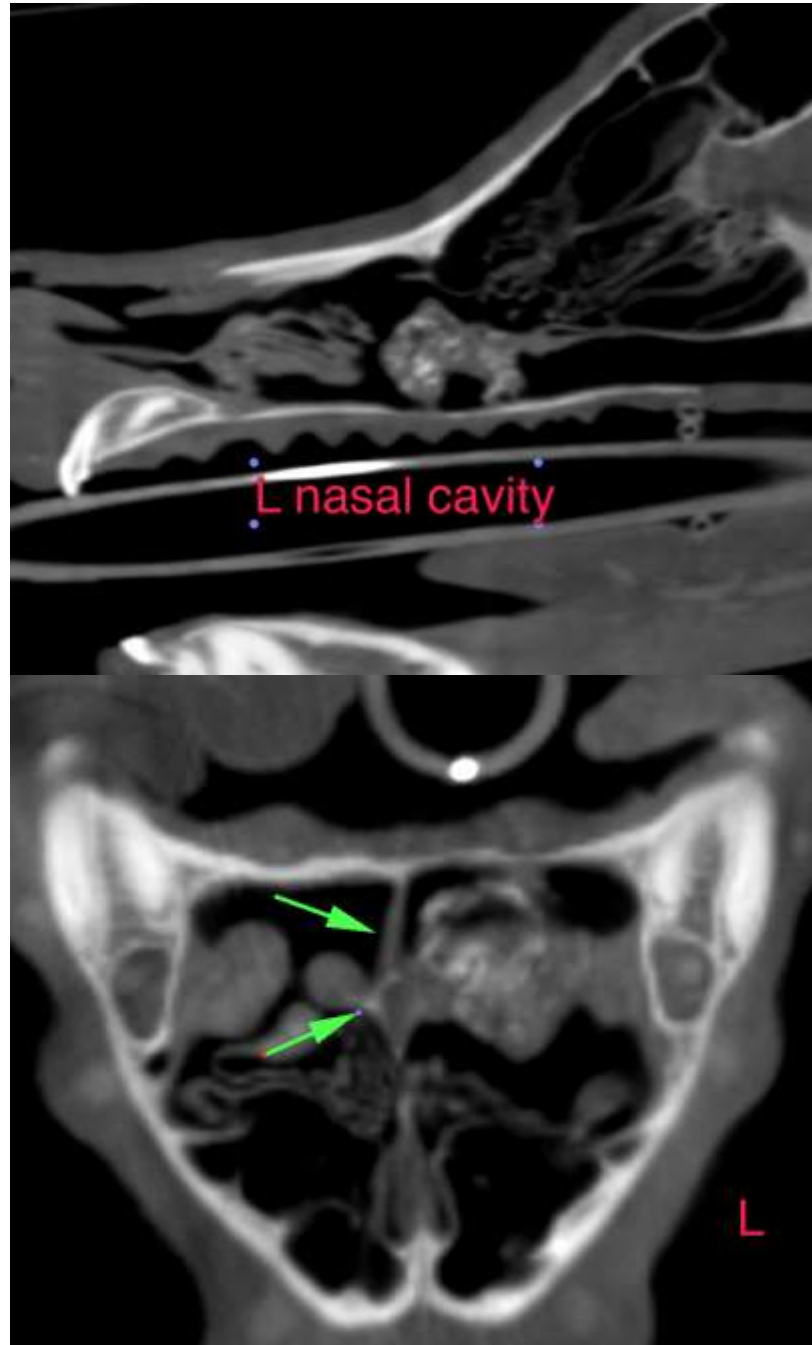
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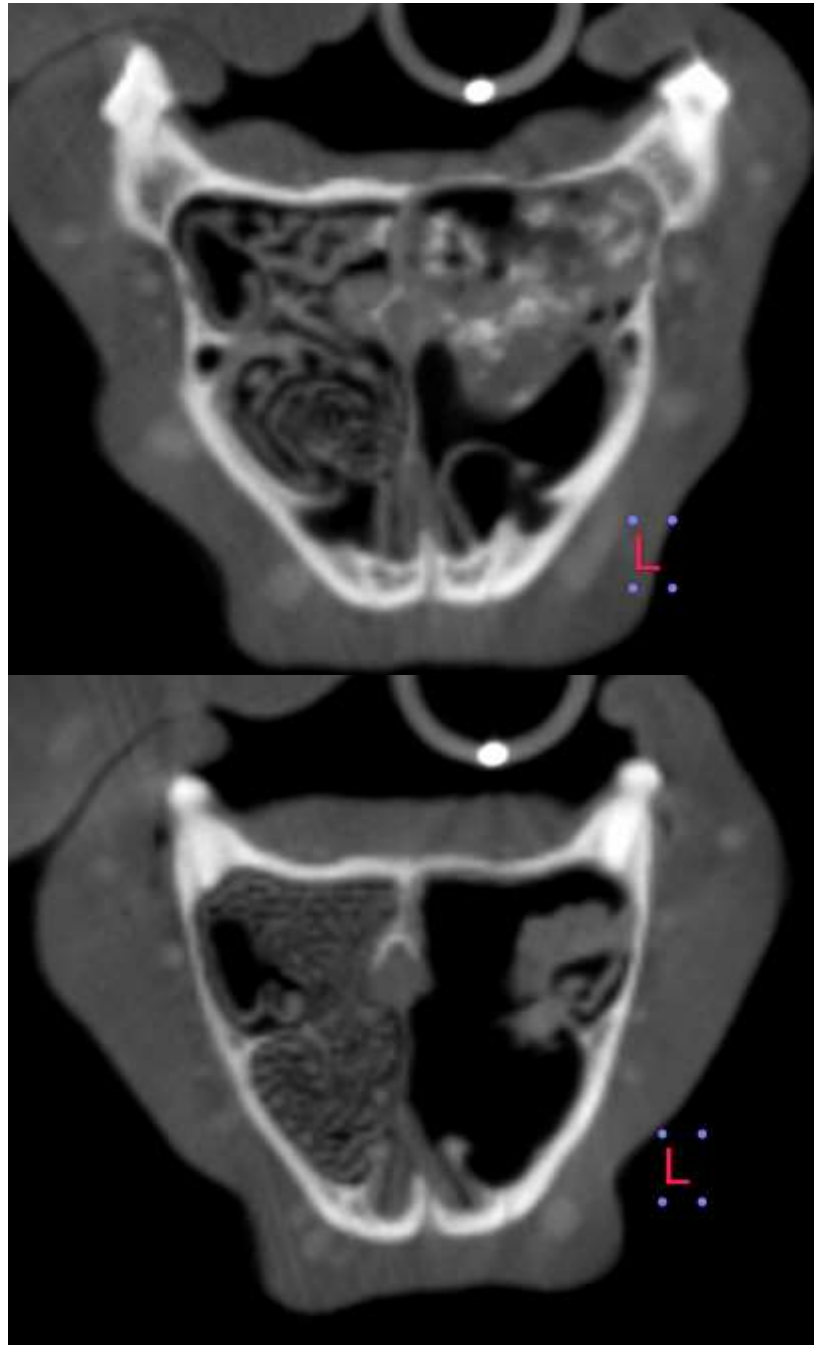
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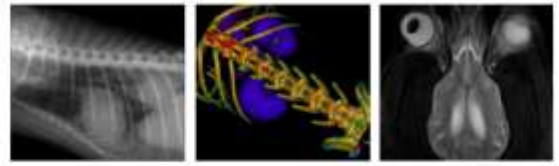
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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

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