



PATIENT PRESENTING CLINICAL SIGNS

Jack Lewis Pet presented to us November 2, 2021 for intermittent sneezing and runny nose starting 10 days prior, and was treated with Clavamox 500 mg BID for 10 days and carprofen 75 mg BID for 5 days. No improvement occurred and pet started developing blood from the nose. A rhinoscopy was performed on 11/23/21. Preoperative coag profile was WNL and 17chem/CBC only revealed mild neutrophilia (12.32; N2.95-11.64 K/ μ L). Biopsy revealed marked plasmacytic, moderate to marked neutrophilic, and mild to moderate lymphocytic rhinitis with areas of marked surface ulceration and necrosis. Fungal stains were negative. There is no record of direct fungal or bacterial culture run on samples from rhinoscopy.

BREED COMPUTED TOMOGRAPHY OF THE SKULL

Pit Bull Terrier Mix A high resolution pre- and post-contrast CT study of the skull is provided for review.

SEX COMPUTED TOMOGRAPHIC FINDINGS

Male Neutered The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

AGE The right nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. There is advanced destruction of the left nasal conchal & turbinate structures; a moderate amount of non-contrast enhancing soft tissue material is attached to the left nasal mucosal lining. The perpendicular plate of the left palatine bone presents multiple moth-eaten osteolytic lesions. The left aspect of the cribriform plate presents moth eaten osteolytic lesions in the dorsal aspect. The osseous lining of the left frontal sinus presents regions with mild hyperostosis.

3 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

HOSPITAL NAME Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

Wilson Veterinary Hospital

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

REFERRING VET

Dr. John Wilson

The left submandibular and medial retropharyngeal lymph nodes are prominent.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Left sided destructive rhinitis with polyostotic semi-aggressive osteolytic lesions and evidence of mild hyperostosis of the left frontal bone
- Early stage of perforation cribriform plate
- Lymphadenopathy left mandibular & medial retropharyngeal lymph node

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

12-20-21

The findings are most consistent with mycotic rhinitis and complete destruction of the conchal and turbinate structures in the left nasal cavity. The most likely underlying causative agent is Aspergillus sp. Due to the advanced unilateral changes the odds for primary non-specific rhinitis are low.



PATIENT

Jack Lewis

Left sided reactive lymphadenopathy of the regional lymph nodes.

SPECIES

Canine

Recommended repeating rhinoscopy for further evaluation with sampling for culture and histopathology (detection of fungi microscopically is more straightforward than with culture in many cases). Local antimycotic therapy appears indicated – be aware of early stage of perforation of the cribriform plate.

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Pit Bull Terrier Mix

SEX

Male Neutered

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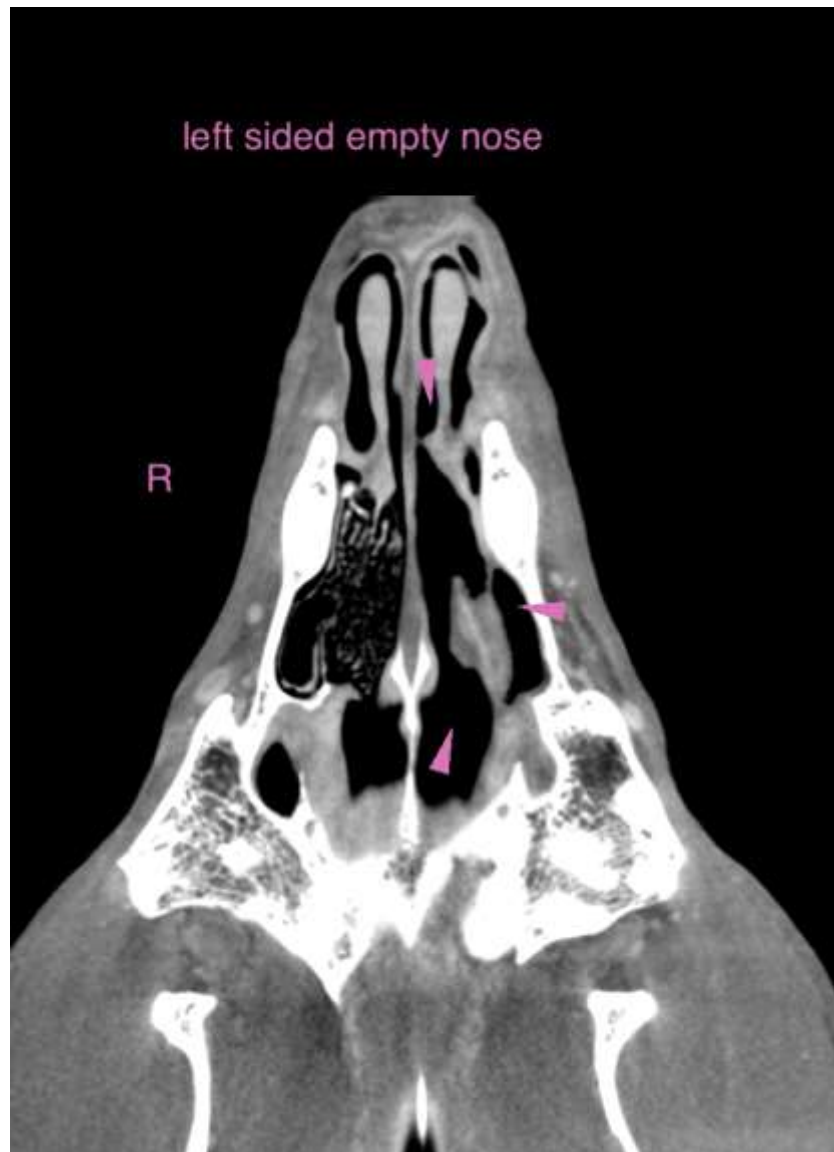
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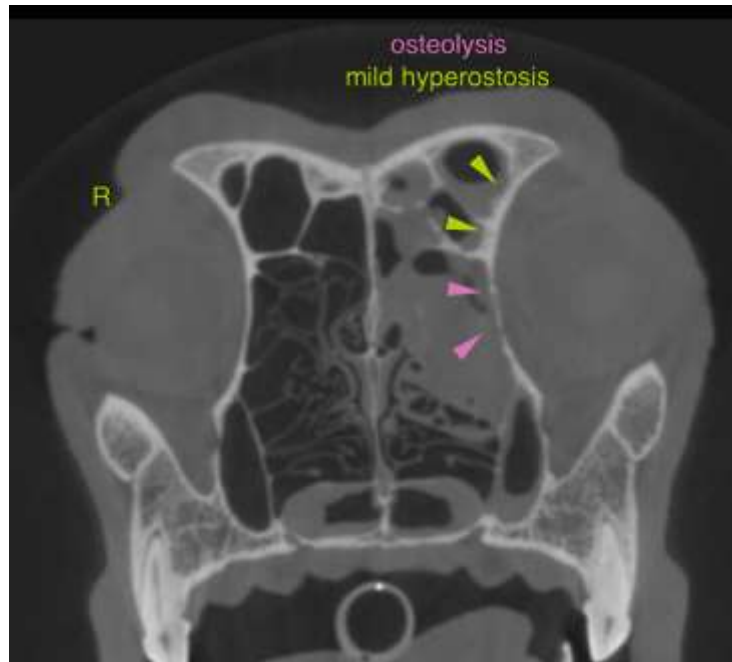
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

BREED

Pit Bull Terrier Mix

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