



PATIENT PRESENTING CLINICAL SIGNS

Sasha Loo Right sided Epistaxis since 06/13/2023. Responds well to Yunnan Baiyao. Suspected fungal infection

COMPUTED TOMOGRAPHY OF THE SKULL

SPECIES A high resolution pre- and post-contrast CT study of the skull is provided for review.

Canine **COMPUTED TOMOGRAPHIC FINDINGS**

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

BREED In the right nasal cavity, advanced destruction of the nasal conchal & turbinate structures is appreciated, resulting in an empty nose. Multifocal plaque like soft tissue material is attached to the wall of the right nasal cavity and the right frontal sinus. In the caudal aspect the right nasal bone & right frontal bone present moth eaten osteolytic lesions and focal irregular hyperostosis. The cribriform plate presents moth eaten osteolytic lesions and the cranial fossa is perforated.

SEX The left nasal cavity presents with the expected aerated spaces between thin and even conchal & turbinate structures.

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

7 Years 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.

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

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- HOSPITAL NAME**
- Right sided destructive rhinitis with polyostotic osteolytic lesions and perforation of the cribriform plate
 - Focal hyperostosis of the right maxillary and frontal bone

Animal Dental Clinic

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET The CT findings are consistent with mycotic rhinitis, *Aspergillus* sp. is considered as the most likely underlying infectious agent. The cribriform plate presents with small osteolytic foci with perforation of the cranial fossa.

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INVOICE Recommended rhinoscopy for further evaluation with sampling for culture and histopathology (detection of fungi microscopically is more straightforward than with culture in many cases) to confirm the diagnosis.

6-28-23

DATE



PATIENT

Sasha Loo

SPECIES

Canine

BREED

Golden Retriever

SEX

Female Spayed

AGE

7 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Dental Clinic

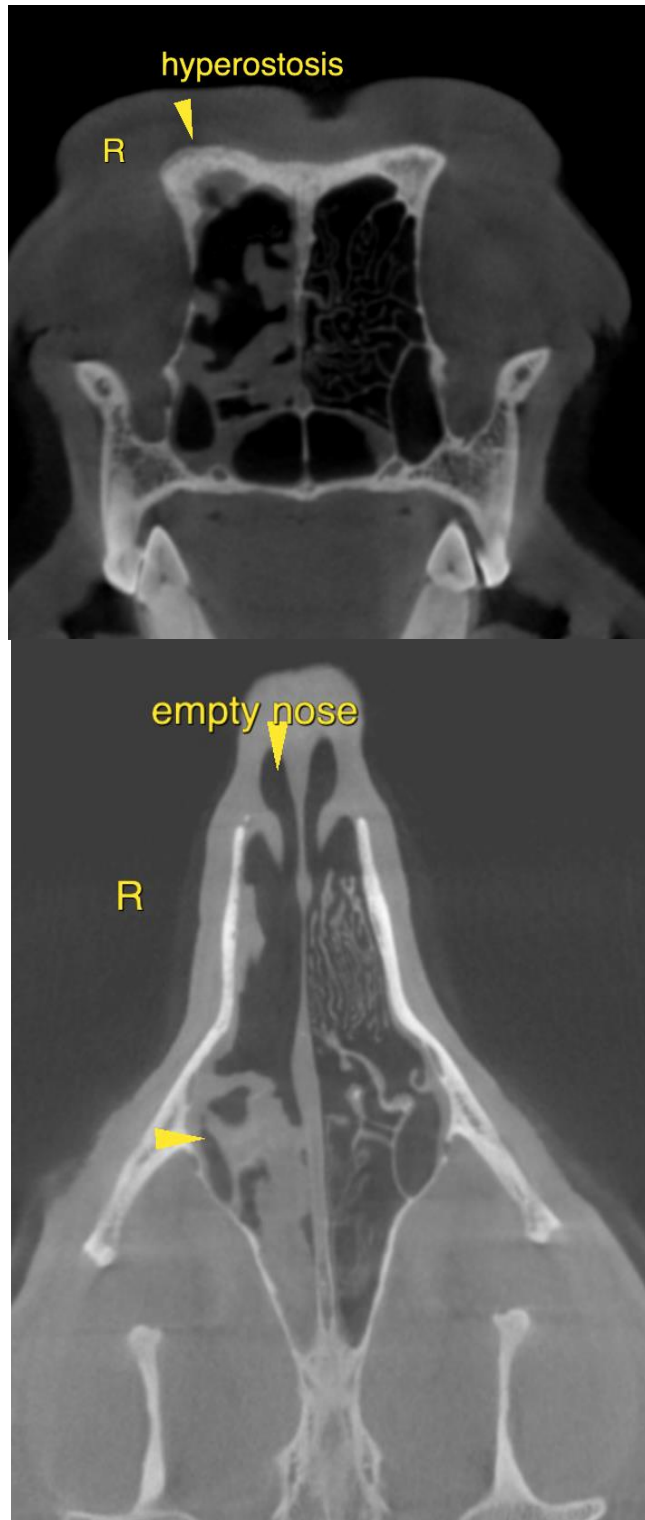
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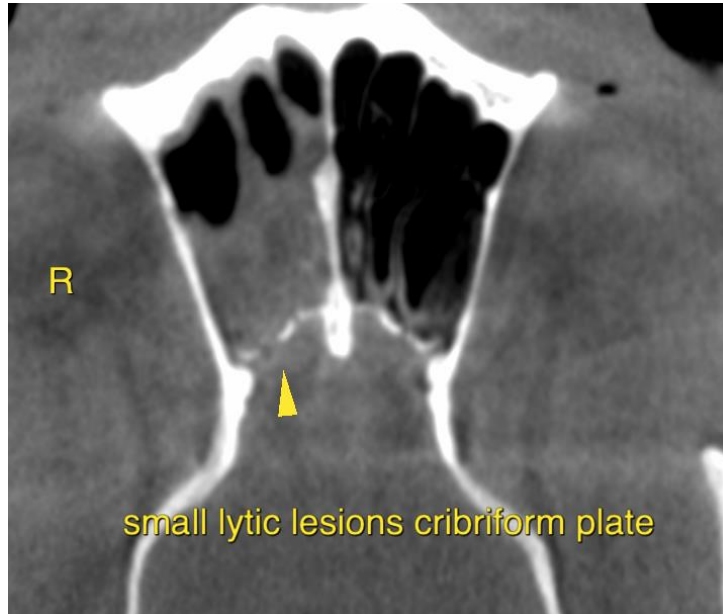
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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