



PATIENT

PRESENTING CLINICAL SIGNS

Speedy Vintage Paws

Speedy presents for chronic nasal congestion. He had a dental cleaning and purulent exudate was noted. The dental has not resulted in nasal congestion improvement. Culture/sensitivity - resistant organism. Antibiotics have not helped. Partial liver lobectomy done in 2017. Liver enzymes elevated. Radiologist report - liver is small.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

Chihuahua

COMPUTED TOMOGRAPHIC FINDINGS

The patient has a history of multiple dental extractions.

SEX

MN

No evidence of a dental-nasal fistula is seen however there is a defect within the hard palate of approximately 17 mm length and 7mm width to the left of the midline. This defect is covered by soft tissue of the soft palate.

AGE

20 Years

Severe turbinate destruction and mineralization of the middle nasal concha are noted within the left nasal cavity. The cribriform plate is intact. There is no evidence of a soft tissue mass. The right nasal cavity presents within normal limits. The nasal septum appears to be intact. The frontal sinuses are not developed as typical in brachycephalic dogs.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The nasopharyngeal lumen is collapsed which is common in brachycephalic dogs.

The left tympanic bulla contains fluid attenuating material. Thickening of the mucosal and osseous lining of the left tympanic bulla are seen. The external auditory meatuses and right tympanic bulla present within normal limits.

HOSPITAL NAME

Critical Vet
Care/Suncoast
Veterinary

The regional lymph nodes present within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Unilateral left sided chronic erosive rhinitis with defect in the hard palate.
- Nasopharyngeal collapse.
- Chronic left sided otitis media.

REFERRING VET

Dr. Young

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with chronic erosive left sided rhinitis. The mineralized concha likely represents dystrophic mineralization due to chronic inflammation. Extensive turbinate destruction and erosion of the hard palate with a defect in the caudal aspect of the left hard palate are seen. The defect is covered by soft tissue only. Differential diagnosis includes chronic infectious rhinitis such as viral, bacterial, or fungal. Foreign material induced rhinitis with turbinate necrosis cannot be ruled out as a differential diagnosis. However, at this time, foreign material is not detected and there is no evidence of a soft tissue mass which renders neoplasia an unlikely differential diagnosis in this case. Consider rhinoscopy with sampling for further definition as well as further otoscopic workup.

INVOICE

55493

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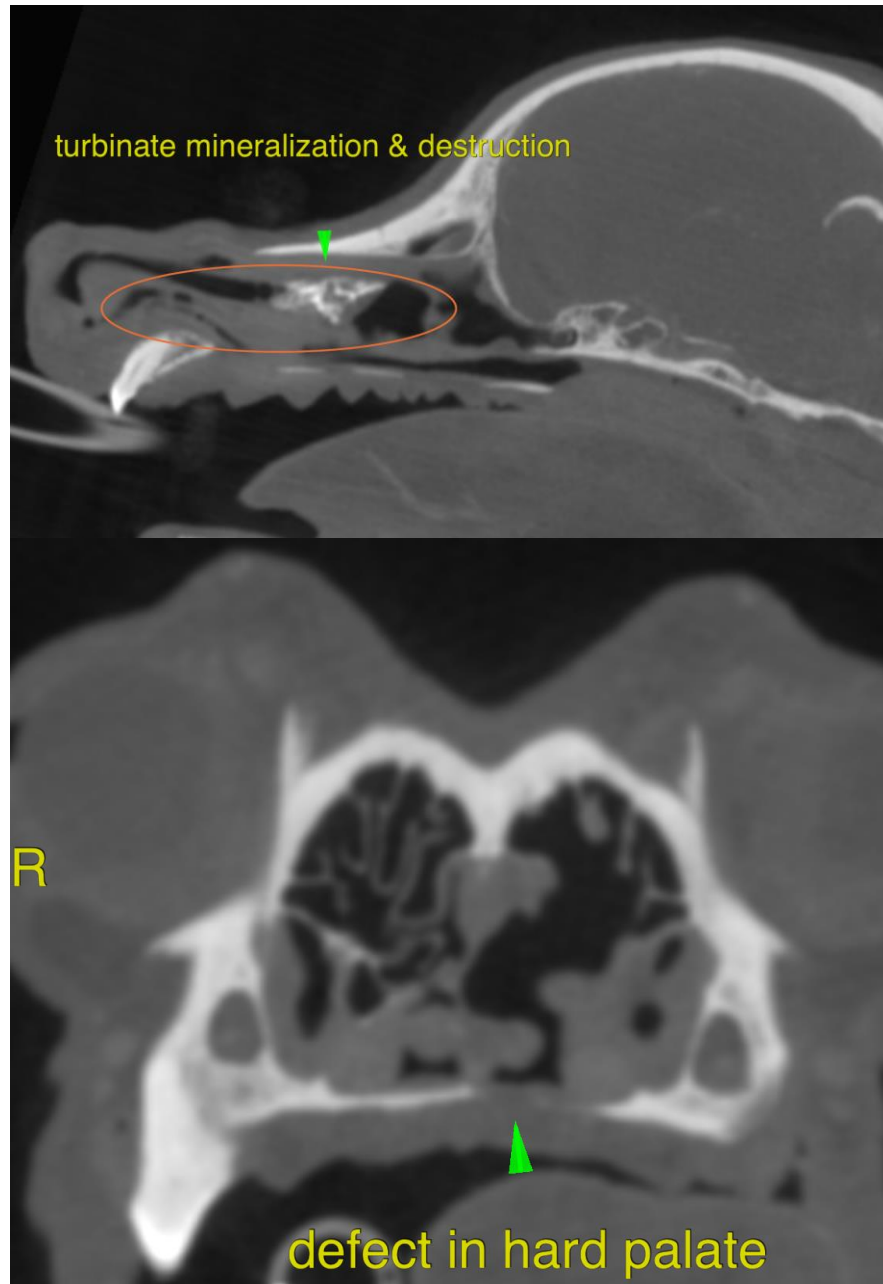
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Chihuahua

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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