



PATIENT

Barley Snyder/Hartne

PRESENTING CLINICAL SIGNS

P presented QAR on 3/25/2023. P seemed to have pain and/or discomfort with full opening of mouth.

Abnormal PE/Chem/CBC/UA Results: Other than the tense jaw, physical exam WNL. Blood work was unremarkable.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

Frenchie

COMPUTED TOMOGRAPHIC FINDINGS

The right tympanic bulla is filled with hypoattenuating material. Porosity and mild thickening of the osseous lining with ventral defects are seen. There is extensive sclerosis of the petrous temporal bone. The right external auditory meatus presents moderate thickening of its epithelial lining with increased contrast enhancement and luminal stenosis accentuating its horizontal portion. Soft tissue swelling is seen peripheral to the right external auditory meatus and ventral to the right tympanic bulla. The left tympanic bulla contains fluid attenuating material. The osseous lining is smooth. The left external auditory meatus is patent.

SEX

MC

AGE

1 Year

The right medial retropharyngeal lymph node presents moderate symmetric enlargement. The right submandibular lymph nodes are mildly enlarged.

The parotid and mandibular salivary glands present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severe chronic right hand sided otitis media and externa with osteitis of the tympanic bulla and petrous temporal bone as well as acquired ear canal stenosis.
- Mild to moderate right hand sided submandibular and medial retropharyngeal lymphadenomegaly compatible with reactive lymphadenitis.
- Left hand sided otitis media, primary secretory versus infectious.

HOSPITAL NAME

Animal Emergency
Hospital Deland

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with severe chronic right hand sided otitis media and externa. Infectious otitis is considered likely based on the extensive CT changes. The findings of the tympanic bulla and petrous temporal bone indicate concurrent osteitis. The lumen of the right external auditory meatus is stenotic. Acquired stenosis secondary to chronic inflammation is considered likely. Congenital stenosis cannot be ruled out entirely.

REFERRING VET

Dr. Johnson

INVOICE

The lymph node changes are compatible with reactive lymphadenitis.

57436

The changes of the left tympanic bulla may well reflect primary secretory noninfectious otitis media secondary to stenosis of the auditive tube which is common in brachycephalic dogs. Infectious otitis is a potential but cannot be ruled out. Further otoscopic workup recommended.

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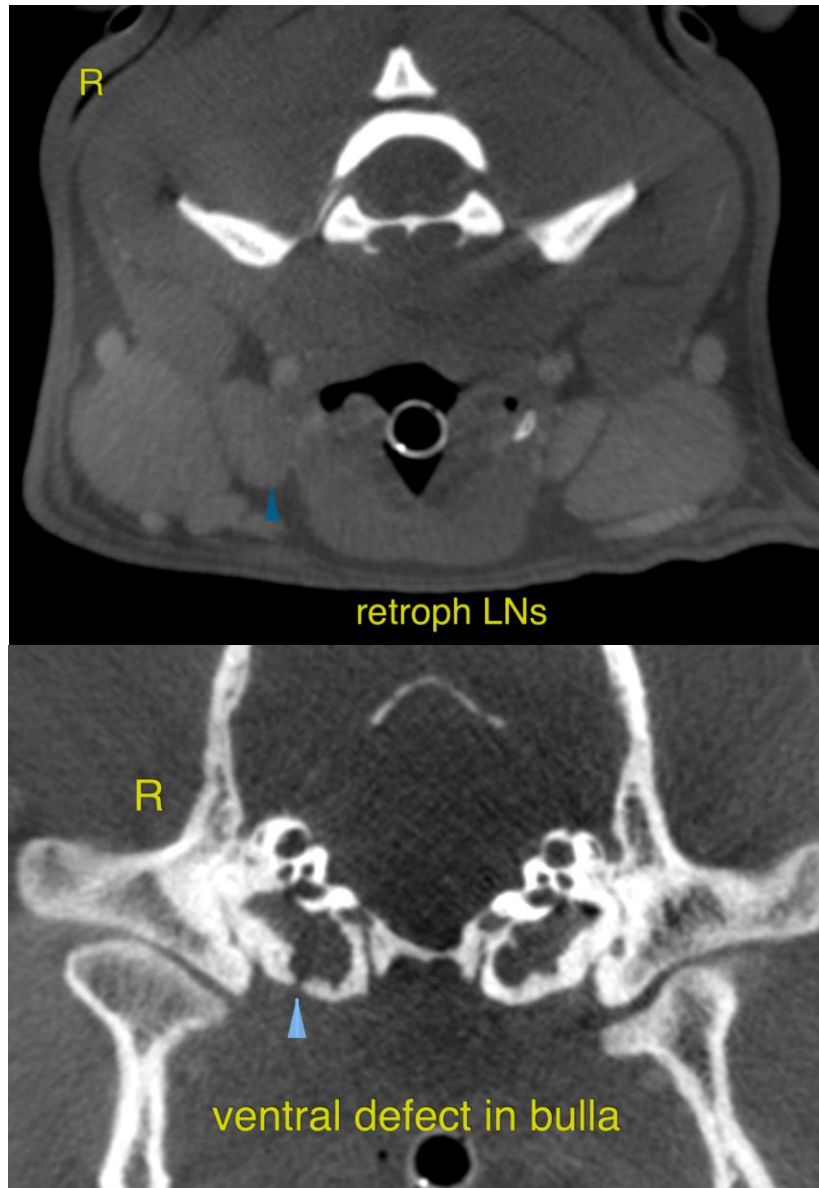
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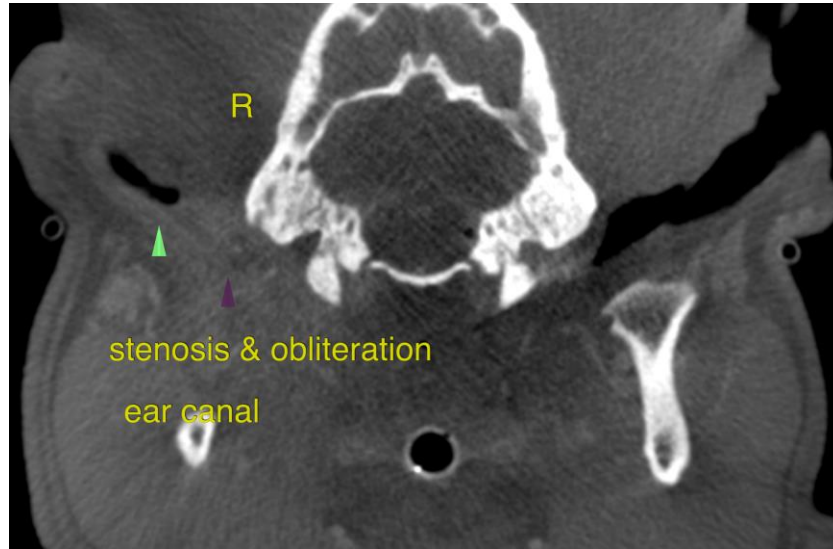
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INVOICE

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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.

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