



**PATIENT**

Roxy DiMaria

**PRESENTING CLINICAL SIGNS**

Initially presented to WWRVH in 5/2021 with persistent and severely infected R ear that required a drainage placed and eventually an ear resection. Every few months an abscess will form and requires invasive interventions (lace/drain; surgically removing). Previous cultures indicate meth-resistant staph infection; a biopsy of inflamed cyst wall indicated no indication of neoplasia (results attached to study)

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain CT study in soft tissue and bone windows available for review.

**BREED**

English Bulldog

**COMPUTED TOMOGRAPHIC FINDINGS**

The right tympanic bulla is obliterated with hypoattenuating material. Mild generalized thickening of the primarily thick osseous wall of the tympanic bulla is seen. The medial aspect of the right external auditory meatus is distended with hypoattenuating material. It is unclear whether an opening to the lateral vertical part of the ear canal is existing.

**SEX**

Female Spayed

The right parotid salivary gland is moderately enlarged.

**AGE**

11

Extensive soft tissue swelling with fat stranding and fluid accumulation can be seen in the right side of the face rostral to the parotid salivary gland and ear canal. A vertical linear structure of 4mm length and 1mm width is seen in the thickened soft tissue lateral to the zygomatic arch.

The right submandibular and medial retropharyngeal lymph nodes are mildly enlarged.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Mild lateral ventricular dilation of the brain is seen.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Chronic right sided otitis media and externa.
- Extensive cellulitis with sialoliths or foreign material in the right side of the face with contact to the ear canal and parotid salivary gland.
- Right sided submandibular and medial retropharyngeal lymphadenomegaly.

**HOSPITAL NAME**

Westwood Regional  
Veterinary Hospital

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals chronic right sided otitis media and externa. Consider atresia of the ear canal a potential which may be congenital or acquired. Existence of a proper opening should be ensured.

**REFERRING VET**

George Cattiny, DVM

The cellulitis in the right side of the face may either represent abscess or inflamed sialoceles with dilation of the parotid salivary duct. The mineral attenuating structure may represent a small sialolith. Foreign material cannot be ruled out as a differential diagnosis.

**INVOICE**

52825

The lymph node changes are compatible with reactive lymphadenitis.

**DATE**

7-11-22

**TECHNICAL COMMENTS**

Make sure to obtain a post-contrast study as well in order to allow a more detailed assessment of the soft tissue changes.



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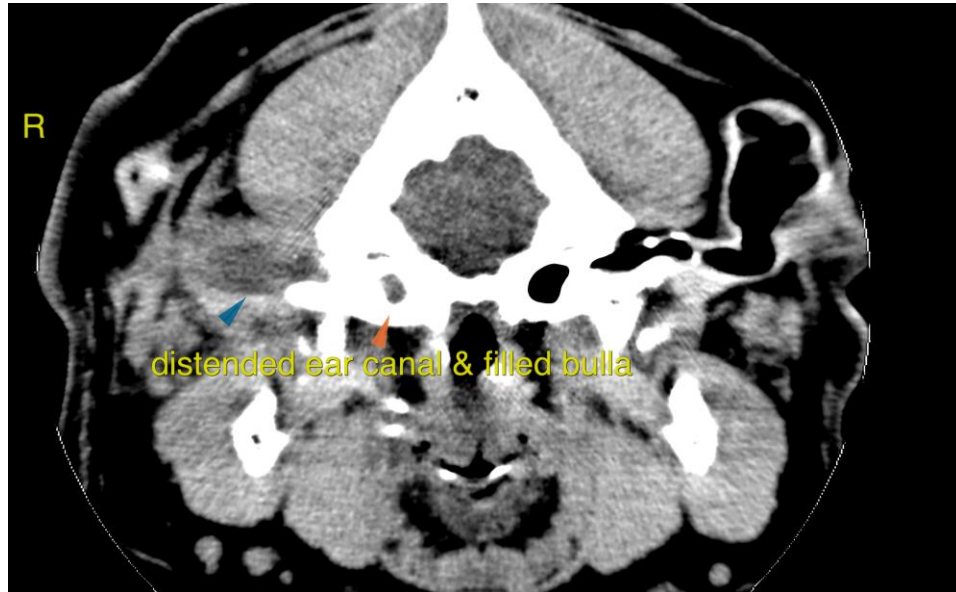
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**SPECIES**

Canine

**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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