



**PATIENT**

Buddy Richardson

**PRESENTING CLINICAL SIGNS**

Presenting Complaint: head tilt, vomiting Significant PE Findings: rotary nystagmus, right-sided head tilt, circling to the right, ceruminous debris AD with stenotic canal Sudden onset vestibular syndrome 24-48+ hours, ASSESSMENT/Dx: Vestibular disease - peripheral vs central Abnormal PE/Chem/CBC/UA Results: ALKP=358 U/L ALT=158 U/L All else unremarkable on lab work and thoracic radiographs.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

**BREED**

Plain and post contrast studies available for review.

Jack Russell Terrier  
Mix

**COMPUTED TOMOGRAPHIC FINDINGS**

The nasal cavities are not fully included; however, extensive turbinate destruction appears to be present within the rostral third of the right nasal cavity with significant bone loss in the right hard palate and right maxillary bones.

**SEX**

MN

Multifocal periodontal disease of the visible molar teeth is noted accentuating the Triadans 106, 107, and 209.

**AGE**

11 Years

The tympanic bullae present within normal limits. A small otolith is seen in the left tympanic bulla and considered incidental. No evidence of bulla obliteration and no osseous wall changes are seen. Both external auditory meatuses are narrow with moderate irregular thickening of their epithelial lining. A moderate amount of hypoattenuating material is seen medially within both external auditory meatuses. The osseous labyrinthium and cochlea of the inner ear present within normal limits. No evidence of intracranial extension of the otitis externa is seen.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

No deviation from the expected anatomy of the brain is noted.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Structurally normal CT study of both middle and inner ears.
- Moderate chronic bilateral otitis externa.
- Right sided destructive rhinitis with bone loss.
- Multifocal periodontal disease accentuating the Triadans 106, 107 and 209.

**HOSPITAL NAME**

Southern Oregon  
Veterinary Specialty  
Center

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**REFERRING VET**

Ravi Seshadri  
DACVECC

The CT study reveals chronic bilateral otitis externa. No evidence of otitis media or interna is seen. There is no evidence of structural brain injury which supports the tentative diagnosis of idiopathic vestibular syndrome. Consider otoscopic workup for the chronic otitis and rhinoscopy with sampling as well as dental workup in order to further define the cause of the nasal and dental pathology.

**INVOICE**

47908

**DATE**

10-18-21



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**REFERRING VET**

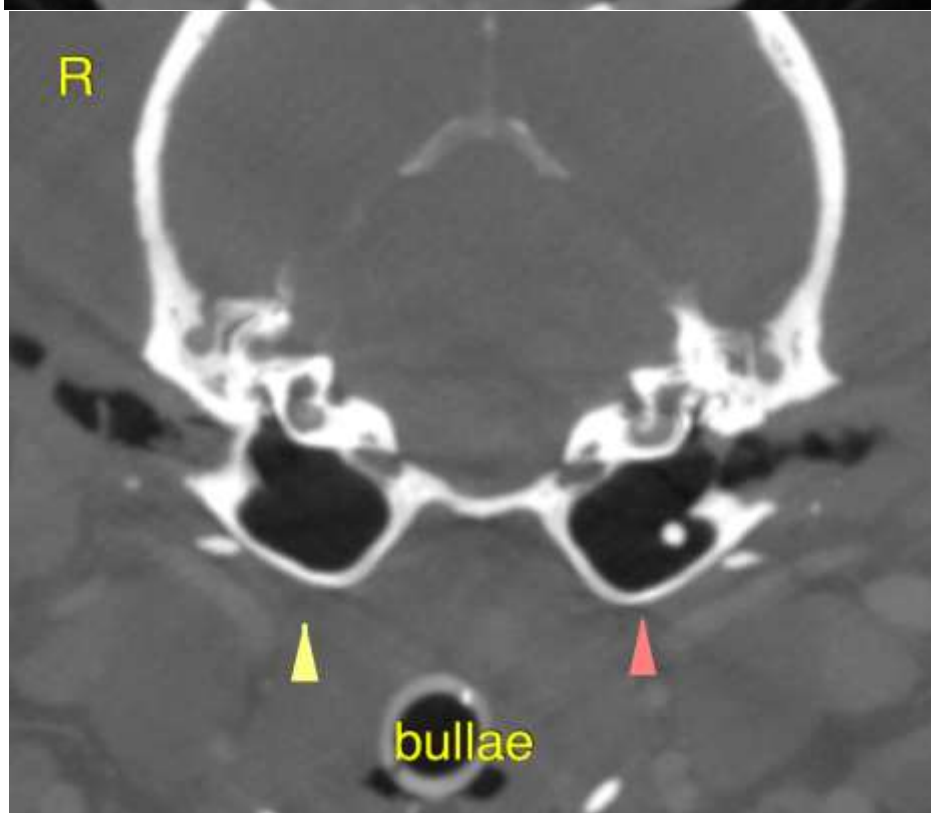
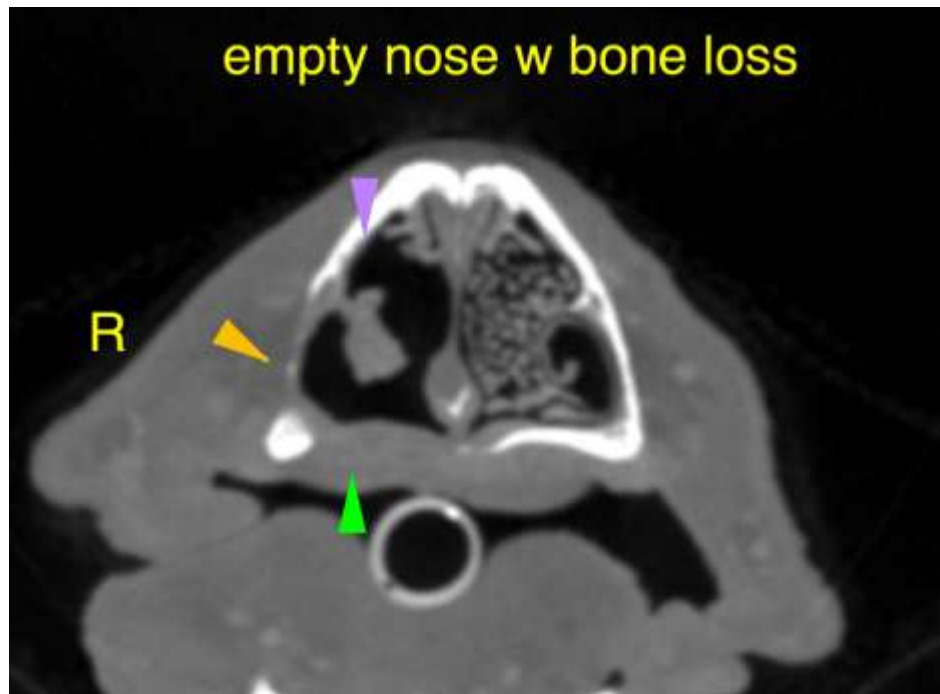
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**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**

Jack Russell Terrier  
Mix

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
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MN

**AGE**

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