



**PATIENT PRESENTING CLINICAL SIGNS**

Ollie Latham Multi-year history of yeast otitis managed by dermatology. 1 month ago, p developed a moderate left-sided head tilt, nystagmus with the slow phase to the left and moderate ataxia. These signs have improved, however mild head tilt and ataxia remain.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: Mild head tilt to the left, mild ataxia. Moderate brown discharge in entrances to canals OU. New cardiac murmur ausculted 3/6 parasternal bilaterally that reduced in volume with gabapentin/buprenorphine/Alfaxan sedation. CBC/Chem - Mild anemia, non-regenerative (27%), FeLV/FIV negative

Feline

**BREED COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

DSH Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX** The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

MN

**AGE** Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

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

Nele Eley, DVM  
Dr. med. Vet. DipECVDI Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The osseous cochlea and labyrinthium of the inner ear present within normal limits.

**HOSPITAL NAME** Moderate thickening of the epithelial lining of the bilateral external auditory meatuses with mild ear canal stenosis is seen. A moderate amount of hypoattenuating contrast negative material is seen within the lumen of the bilateral external auditory meatuses accentuated in their horizontal portion.

Petroglyph Animal Hospital

The right medial retropharyngeal lymph node is minimally enlarged.

**REFERRING VET** The salivary glands present within normal limits.

Kariana Atkinson The visible dentition is within normal limits.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- INVOICE**
- Chronic bilateral otitis externa with mild acquired ear canal stenosis.
  - No evidence of structural brain pathology.
  - No evidence of otitis media or interna.
  - Mild reactive hyperplasia of the right retropharyngeal lymph node.
- 59627

**DATE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

8-2-23 The CT study confirms presence of chronic bilateral otitis externa. The proliferation of the ear



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canal epithelium does cause mild stenosis of the ear canal bilaterally. At this time, there is no evidence of middle or inner ear pathology and no structural brain injury is found. Nevertheless, cerebrovascular and other brain pathology cannot be ruled out entirely. The negative CT findings render idiopathic vestibular syndrome a potential. Nevertheless, should the patient remain unresponsive to empirical management for idiopathic vestibular signs and continuing treatment of the otitis externa, an MRI could be considered for further definition.

**SPECIES**

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**HOSPITAL NAME**

Petroglyph Animal  
Hospital

**REFERRING VET**

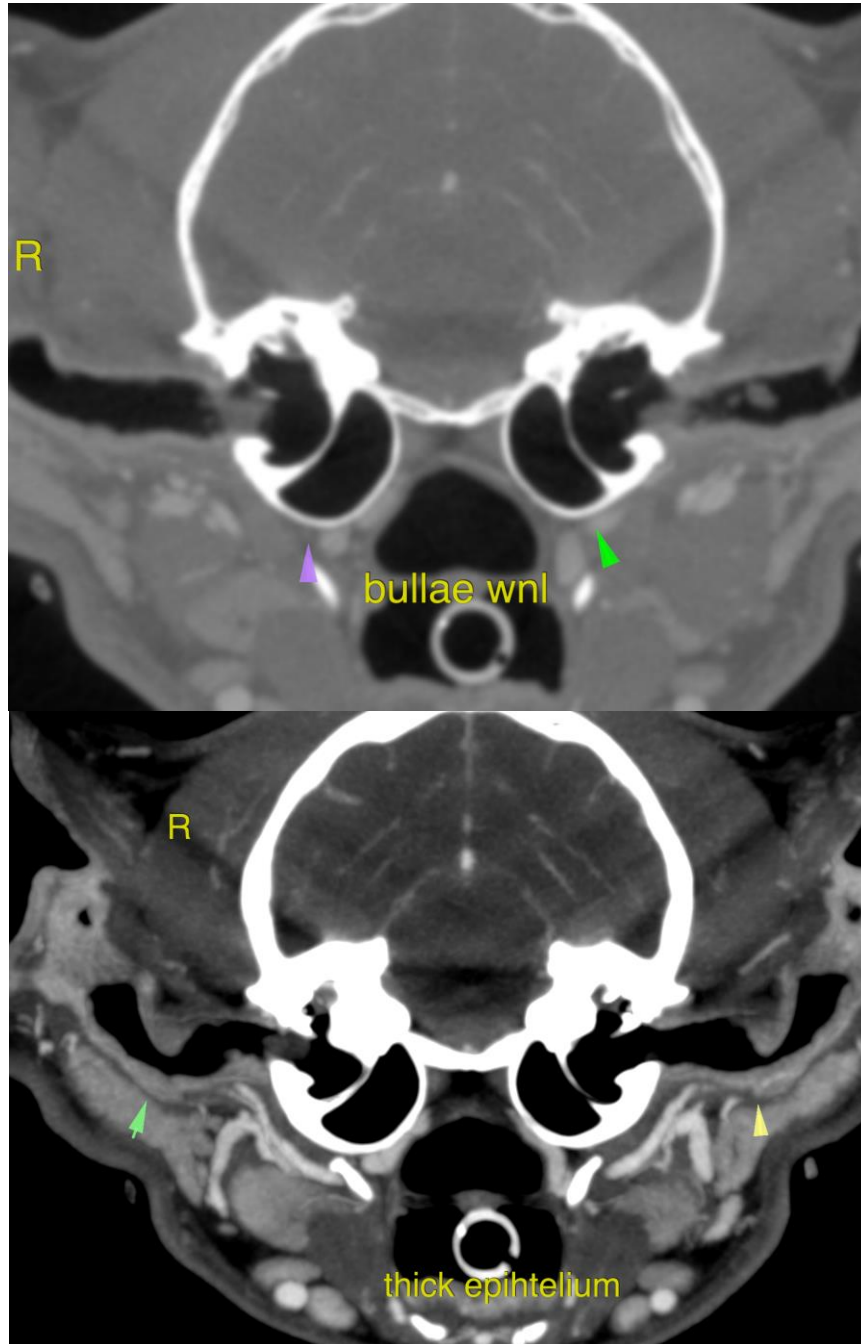
Kariana Atkinson

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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**

Feline

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**

DSH

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