



**PATIENT**

Holland Maldonado

**PRESENTING CLINICAL SIGNS**

Patient presented on 5/25/23 to clinic as a walk-in for head tremors and pruritic ears. Owner gave Tylenol infant to patient, and she had an old Mometamax prescribed on another veterinary clinic and was administrating otic medication. Patient is on Heartguard. No flea/tick preventatives. Owner showed videos and Patient was laying down and had head tremor episode that lasted for 8 seconds. Patient was alert and recovered well. Patient had fleas on presentation. Abnormal PE/Chem/CBC/UA Results: Blood work performed same day. CBC showed eosinophilia. Blood chemistry WNL. Idexx 4dx: Negative. Thyroid panel 5.6 ug/dL. Fecal: Negative. Patient is alert and active. Otitis externa noted

**SPECIES**

Canine

**BREED**

English Bulldog

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain and post contrast studies available for review.

**SEX**

M

**COMPUTED TOMOGRAPHIC FINDINGS**

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.

**AGE**

2 Years

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

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

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

A moderate amount of fluid attenuating contrast negative material is seen medially within the bilateral external auditory meatuses. The epithelial lining of the external auditory meatuses presents moderate thickening. The tympanic bullae and inner ear present within normal limits.

**HOSPITAL NAME**

Veterinary Image  
Center

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

**REFERRING VET**

Dr. J. Irizarry, DVM

Prominence of all salivary glands is noted. The zygomatic salivary glands present mild prolapse along with orbital fat from the orbitae beyond the bony orbitae and their zygomatic arches.

The visible dentition is within normal limits.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**INVOICE**

58803

- Normal CT findings of the brain.
- Chronic bilateral otitis externa.
- Prolapse of the zygomatic glands – common in brachycephalic dogs and of no clinical significance.

**DATE**

6-13-23



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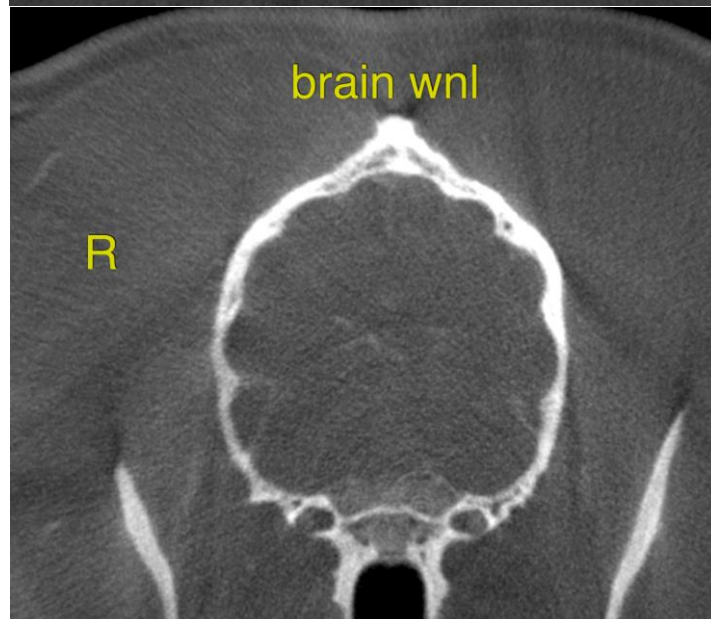
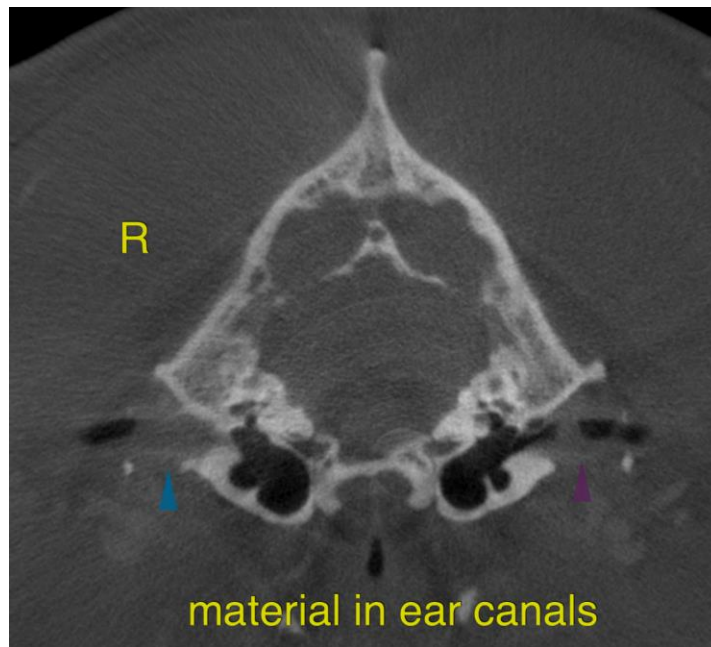
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals no evidence of structural brain injury. The negative CT findings render focal epilepsy, idiopathic head tremors, paroxysmal dyskinesia, and other potential differential diagnoses. However, inflammatory/infectious, metabolic/toxic, cerebrovascular, and other brain pathology cannot be ruled out entirely. Complementary csf analysis could be considered.

Consider otoscopic workup.





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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**

English Bulldog

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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