



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Pancho Ramos  
**PRESENTING CLINICAL SIGNS** History: Patient was diagnosed with a splenic mass in March 2023, a splenectomy was performed and after this the patient began to present with seizures and head tilt. Patient is on medication Kepra 500mg ER twice daily.

**SPECIES** Canine  
 Abnormal PE/Chem/CBC/UA Results: CBC --- mild regenerative anemia, mild leukocytosis and thrombocytosis CHEM --- unremarkable Total T4 --- normal

**BREED COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

**BREED** Pitbull/Boxer Mix  
 A high resolution pre- and post-contrast CT study of the skull is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX** Triadan 101 and 302 are absent.

**Male** The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

**AGE** 10 Years  
 Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**INTERPRETED BY** The wall of the right tympanic bulla is significantly thickened and smooth but with loss of the normal ventral shape. The normal anatomy of the osseous labyrinth of the right inner ear is lost. The external ear canals present moderate shell-like mineralization of the external ear canals.

Sebastian Schaub, DVM Dr. med. vet. DipECVDI  
 The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

**HOSPITAL NAME** The left medial retropharyngeal lymph node is prominent.

Veterinary Image Center  
 Originating from the left thyroid gland, a uniform soft tissue attenuating and heterogeneous contrast enhancing ovoidal shaped mass is seen, measuring 3.7 x 2.8 x 5.3 cm.

**REFERRING VET COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Dr. G. Ferrer, DVM
- Left thyroid soft tissue mass
  - Lymphadenopathy left medial retropharyngeal lymph node
  - Right sided chronic otitis media – possible history of right sided ventral bulla osteotomy
  - Chronic osseous remodeling right inner ear
  - Bilateral moderate dystrophic mineralization of the external ear canals
  - Structural normal brain

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**



**PATIENT**

Pancho Ramos

In the present study of the brain there is no evidence of macromorphological disease, which supports the presumptive diagnosis of idiopathic/cryptogenic epilepsy.

**SPECIES**

Canine

If not yet done so the workup should be complemented by examination of CSF and complete bloodwork to screen for brain disease that is not necessarily associated with structural changes of the brain parenchyma and rule out hepatoencephalopathy and other systemic illness. In case of the strong clinical suspicion of structural intraparenchymal changes an MRI may be considered.

**BREED**

Pitbull/Boxer Mix

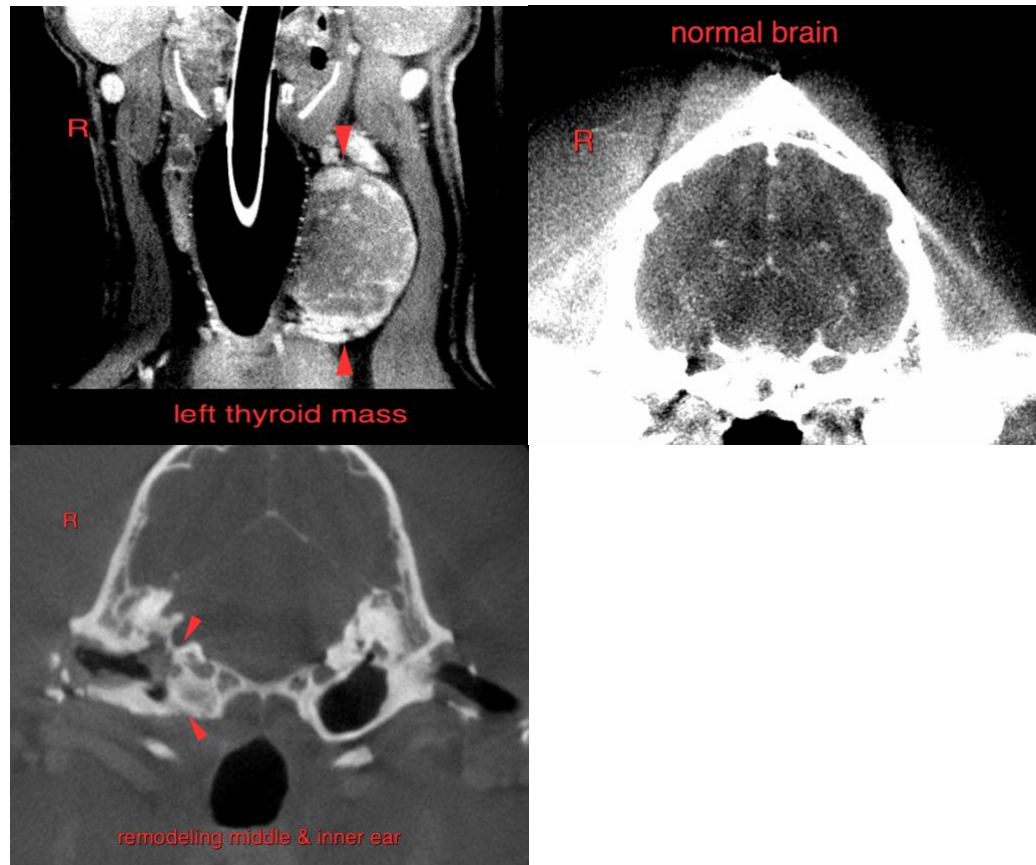
The left adrenal mass is highly suggestive for primary thyroid neoplasia, thyroid carcinoma is most common. The prominent ipsilateral medial retropharyngeal lymph node can present reactive hyperplasia versus metastatic disease.

**SEX**

Male

**AGE**

10 Years



**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

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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.



**PATIENT**

Pancho Ramos  
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**SPECIES**

Canine

**BREED**

Pitbull/Boxer Mix

**SEX**

Male

**AGE**

10 Years

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