



**PATIENT**

Akira Rodriguez

**PRESENTING CLINICAL SIGNS**

Patient begins to present seizure episodes on December 31, 2021.  
Abnormal PE/Chem/CBC/UA Results: CBC --- leukopenia CHEM --- unremarkable 4Dx --- negative

**SPECIES**

Canine

**COMPUTED TOMOGRAPHY OF THE SKULL**

A high resolution pre- and post-contrast CT study of the skull is provided for review.

**BREED**

French Bulldog

**COMPUTED TOMOGRAPHIC FINDINGS**

There is a breed specific moderate bradygnathia superior. The tooth elements 305 and 411 are absent.

**SEX**

F

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

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

**AGE**

1 Year, 7 Months

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals contain a mild amount of fluid attenuating material.

**INTERPRETED BY**

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.

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.

**HOSPITAL NAME**

Veterinary Image Center

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Bilateral otitis externa
- Absent triadan 305&411
- Structural normal brain

**REFERRING VET**

Dr. J. Fernandez,  
DVM

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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

**INVOICE**

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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.

**DATE**

1-5-22



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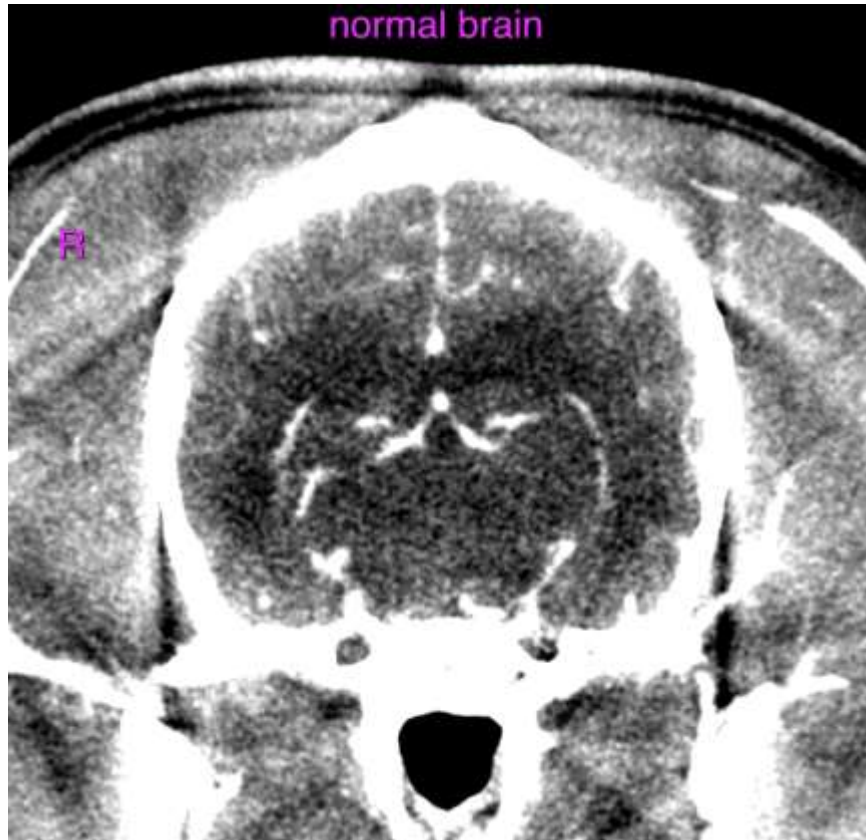
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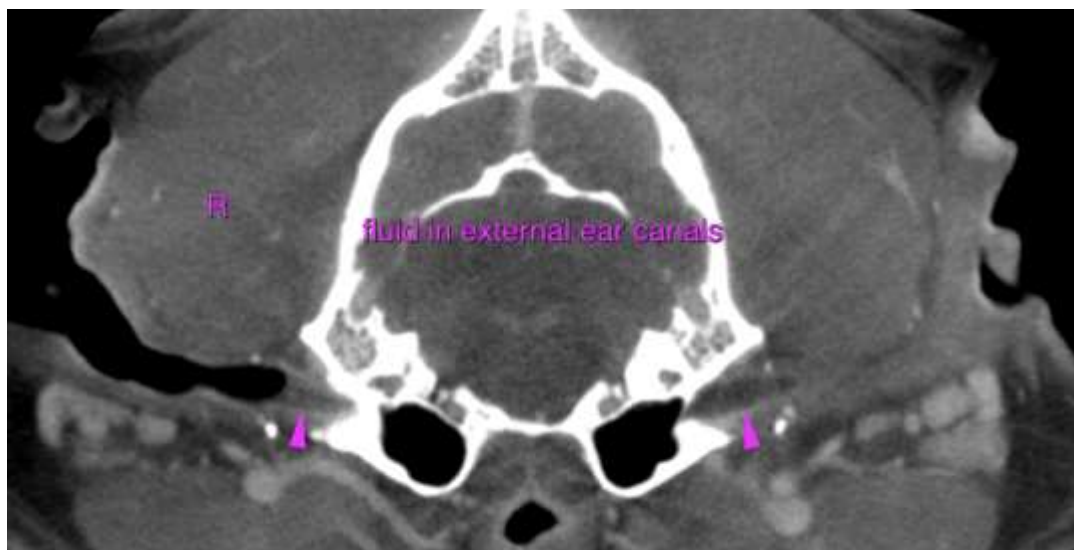
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com