

**PRESENTING CLINICAL SIGNS****PATIENT**

Lily Waterson

History: Seizures began at 1 yr old. Currently seizing since 10 pm Sept 23/21, had more than 5 seizures. Was on phenobarb 180 mg bid. Hospitalized on IV propofol to control seizures. Started on Keppra Sept 24/21. Early morning Sept 25 began 'fly catching', then had excessive salivation - presented like a rabid dog, frantically chewing at IV bandage. Gave 4 mls valium, symptoms improved but Lily continues to be very anxious.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Increased ALKP 471 U/L. Phenobarb levels @ rDVM = 137

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**BREED**

American Bulldog

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

COMPUTED TOMOGRAPHIC FINDINGS**SEX**

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

Female

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

AGE

3 Years 9 Months

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals present mild dystrophic mineralization.

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

Bridgwater VH & WC

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild dystrophic mineralization external ear canals
- Structural normal brain

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**REFERRING VET**

Dr. K. Choptain

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

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.

INVOICE

13286

DATE

9/25/21



PATIENT

Lily Waterson

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.

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

BREED

American Bulldog

SEX

Female

AGE

3 Years 9 Months

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