



**PATIENT**

Roxy Gobeil

**PRESENTING CLINICAL SIGNS**

Presented for cluster seizures, continue to have persistent focal seizures while hospitalized  
Abnormal PE/Chem/CBC/UA Results: Phenobarb levels high normal

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain and post contrast studies available for review.

**BREED**

French Bulldog

**COMPUTED TOMOGRAPHIC FINDINGS**

The patient has a brachycephalic head conformation with shortened facial bones, dome shaped calvarium, and generalized caudal neuroparenchymal shift.

**SEX**

FS

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**

3 Years, 8 Months

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

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

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The tympanic bullae are small but aerated. The conformation of both external auditory meatuses is narrow.

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  
Veterinary Hospital  
and Wellness Centre

The salivary glands present within normal limits.

The visible dentition is within normal limits.

The cervical esophagus is dilated with a moderate amount of fluid and gas.

**REFERRING VET**

Dr. J. Shapera

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Normal CT findings of the brain in a brachycephalic dog.

**INVOICE**

54064

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study does not reveal evidence of structural brain injury. Inflammatory/infectious, metabolic/toxic, nutritive, and neurodegenerative disease are potential differential diagnoses as well as primary epilepsy. Consider complementary csf analysis if not performed already.

**DATE**

9-12-22



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**REFERRING VET**

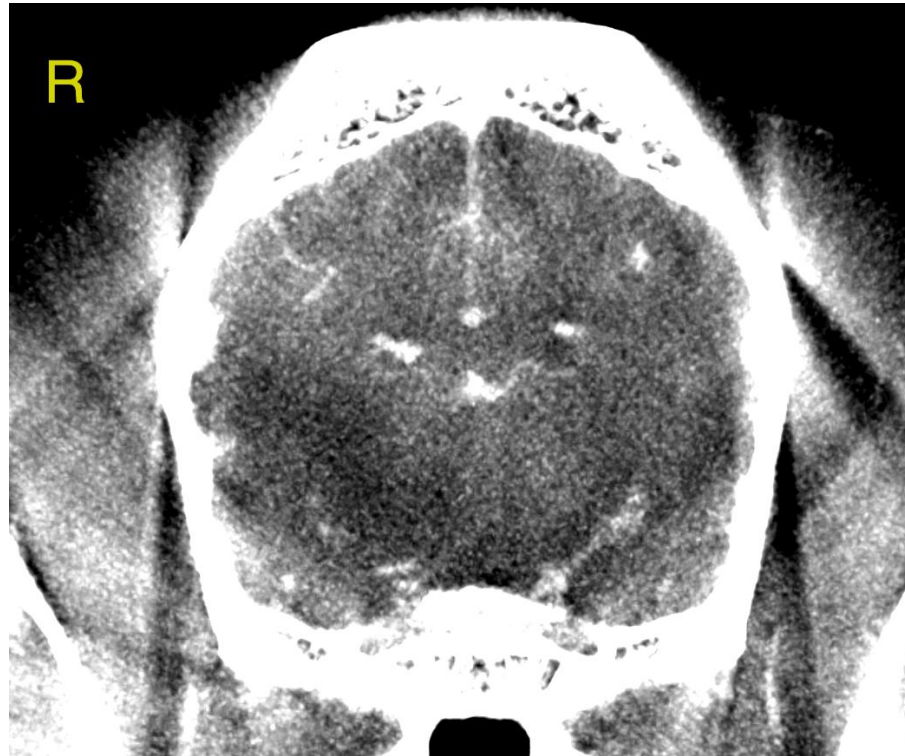
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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