



**PATIENT**

Crosby Rampolla

**PRESENTING CLINICAL SIGNS**

Dog has severe behavior issues. However recently dog appears to possibly showing mild seizure like activity and suddenly attacking other dog in family. Very unusual highly aggressive behavior per owners. Owners would like CT scan of the brain prior to pursuing further behavior and medication with behaviorist. Current meds: Clomipramine, Gabapentin, Trazadone, Clonidine  
Abnormal PE/Chem/CBC/UA Results: Potassium 3.9, Cholesterol 371

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

**BREED**

Plain and post contrast studies available for review.

Mix

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

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. The pituitary gland presents within normal limits.

MN

**AGE**

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

5 Years

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

**HOSPITAL NAME**

Marsh Hospital for  
Animals

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.

The salivary glands present within normal limits.

The visible dentition is within normal limits.

**REFERRING VET**

Dr. Mark Milwicki

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Normal CT findings of the brain.

**INVOICE**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study did not reveal evidence of structural brain injury. The CT findings of the brain are considered within normal limits. The negative CT findings support the potential for behavioral problems even though inflammatory/ infectious, metabolic/toxic, nutritive, neurodegenerative, and microvascular disease cannot be ruled out entirely.

**DATE**

4-11-23



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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.

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