



PATIENT

Roger Sediles

SPECIES

Canine

BREED

Shih Tzu

SEX

MN

AGE

2Y, 10M

WEIGHT

7.15kg

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Janice

HOSPITAL NAME

Bridgwater Veterinary
Hospital and Wellness
Centre

REFERRING VET

Dr. Aaron Mooi

INVOICE

74446

DATE

4-2-26

PRESENTING CLINICAL SIGNS

- Seizures, managed with phenobarbital
- during previous exams there has been a delayed/absent PLR in the OD
- Phenobarbital dose was increased in November from one 15 mg tablet in the morning and a half tablet at night to one tablet BID

Abnormal PE/Chem/CBC/UA Results: Decreased phos & K, increased ALP

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

A pre- and post-contrast CT study of the head are provided for review totaling 2 series. One pre-contrast series of the head bone algorithm. One post-contrast series of the head soft tissue algorithm.

COMPUTED TOMOGRAPHIC FINDINGS

There is no evidence of intracranial mass effect, midline shift, or abnormal intracranial contrast enhancement.

The caudal calvarium and occipital bone are mildly asymmetric, with enlargement of the foramen magnum and incomplete ossification of the dorsal occipital bone (> left side). These findings are most consistent with incidental congenital or breed-related anatomical variation.

The nasal cavities and turbinates are within normal limits.

The cribriform plate is intact.

The oropharynx and nasopharynx are unremarkable.

The frontal sinuses are rudimentary, consistent with breed conformation.

The tympanic cavities and external auditory canals are within normal limits.

The globes and retrobulbar spaces are unremarkable.

A supernumerary maxillary incisor tooth is present. The following teeth are absent: Triadan 107, 108, 208, 305, 306, 311, 406, and 411.

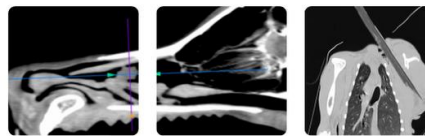
The temporomandibular joints are bilaterally congruent.

The medial retropharyngeal and mandibular lymph nodes are within normal limits.

The mandibular, parotid, and zygomatic salivary glands are unremarkable.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Unremarkable CT appearance of the intracranial structures.
- Mild caudal occipital conformational change characterized by asymmetry, enlarged foramen magnum, and incomplete dorsal occipital ossification, most consistent with incidental breed-related anatomical variation.
- Supernumerary maxillary incisor tooth and multiple absent teeth, as described.



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No tomographic abnormality is identified to explain the reported seizure episodes or the previously described altered pupillary light reflex.

Given the normal CT appearance of the brain, the clinical presentation may be correlated with idiopathic epilepsy.

Although no structural intracranial lesion is detected on CT, it should be emphasized that computed tomography is less sensitive than MRI for the evaluation of seizure disorders, particularly in cases involving encephalitis, meningitis, small or non-contrast-enhancing neoplasms, vascular disease, toxic/metabolic encephalopathies, or other subtle intracranial abnormalities.

The occipital bone changes are most consistent with incidental congenital/breed-associated morphology and are not considered a likely explanation for the neurological signs based on this study.





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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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com