



PATIENT

Rosie Mehmel

PRESENTING CLINICAL SIGNS

h/o of seizure since November and presented again in December, was prescribed phenobarbital 15mg bid initially to go home. Was doing okay but came back on January 10th for multiple seizures, was hospitalized and then prescribed phenobarbital 15mg 1 1/2 tab bid and keppra 500mg 1/2 tid . Again presented today for seizures - one last night and one this morning, had 3 focal seizures since hospitalized.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

BREED

Pug

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

FS

The patient has a brachycephalic head conformation with shortened facial bones and dome shaped calvarium. Generalized caudal neuroparenchymal shift is seen as typical in brachycephalic dogs.

There is mild bilateral lateral ventriculomegaly. No evidence of abnormal neuroparenchymal morphology, attenuation, and enhancement is seen.

AGE

4 Years, 2 Months

The conformation of both external auditory meatuses is narrow with thickened epithelial lining. The tympanic bullae are narrow.

The frontal sinuses are absent. Number and folding of the nasal turbinates are reduced.

The soft palate is thick.

Multiple persisting deciduous teeth with severe periodontal changes and multifocal moderate to severe periodontal disease with concurrent alveolitis are seen in all quadrants accentuating both maxillae.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild ventriculomegaly - otherwise structurally normal CT study of the brain.
- Brachycephalic upper airway stenosis.
- Brachycephalic dentition with multiple periodontitis and alveolitis.

HOSPITAL NAME

Bridgwater
Veterinary Hospital
and Wellness Centre

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals no evidence of structural alterations of the intracranial neuroparenchyma. The degree of ventricular dilation is considered within the range of normal anatomic variation and does not necessarily prompt the conclusion of hydrocephalus. Primary epilepsy remains a potential; however, owing to the breed predisposition for pug dog encephalitis / necrotizing meningeal encephalitis, complementary csf analysis is strongly recommended if not performed already with the history of therapy refractory seizural activity.

REFERRING VET

Dr. N. Brar

INVOICE

49943

DATE

1-28-22



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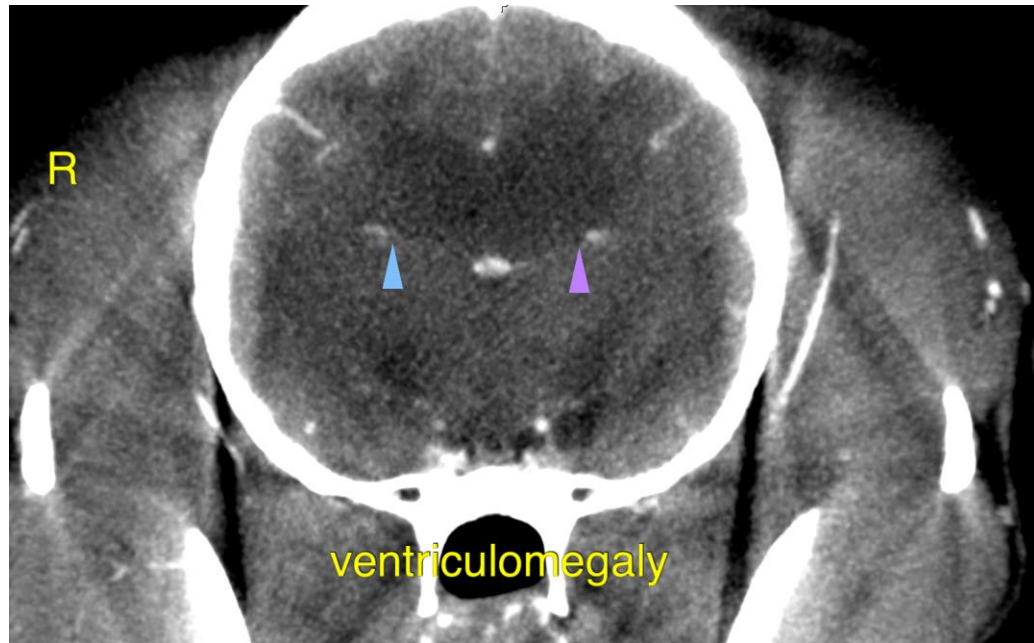
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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