



PATIENT

Jack Chapman

PRESENTING CLINICAL SIGNS

Presented for CT scan w/ contrast, presented to ER on 2/3 for possible seizure episode. Owner found pet dazed and excessively drooling. Was hospitalized 2/3 for monitoring- no seizure episodes noted. CBC/Chem 2/3: Mild neutrophilia 14.01k, BUN 32.9, K 3.7, CI 101, otherwise WNL. Cocci IMMY in house: NEGATIVE. No additional seizures noted at home.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

Pug

COMPUTED TOMOGRAPHIC FINDINGS

The patient has a brachycephalic head conformation with dome shaped calvarium and shortened facial bones. Number and folding of the nasal concha and turbinates are reduced. Complex stenosis of the upper airways is noted.

SEX

MN

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

13 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 are narrow with multifocal osseous metaplasia.

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

Scottsdale Veterinary
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The salivary glands present within normal limits.

Multifocal moderate to severe periodontal disease with overlapping teeth and tooth roots is seen. Severe periodontal space widening and loss of the lamina dura as well as resorptive lesions of the tooth roots are seen at the triadans 107, 108, 207, 208, 210, 406, 407.

REFERRING VET

Dr. Engleschall

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Normal CT findings of the brain.
- Brachycephaly with upper airway stenosis.
- Multifocal advanced periodontitis.

INVOICE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

2-6-23

The CT study reveals no evidence of structural brain injury. Nonstructural brain disease such as inflammatory/infectious, vascular, metabolic/toxic, neurodegenerative, and systemic disease cannot be ruled out as differential diagnosis. Complementary csf analysis could be considered in case of recurring definitive seizural activity. Full internal medicine workup recommended if not performed already.



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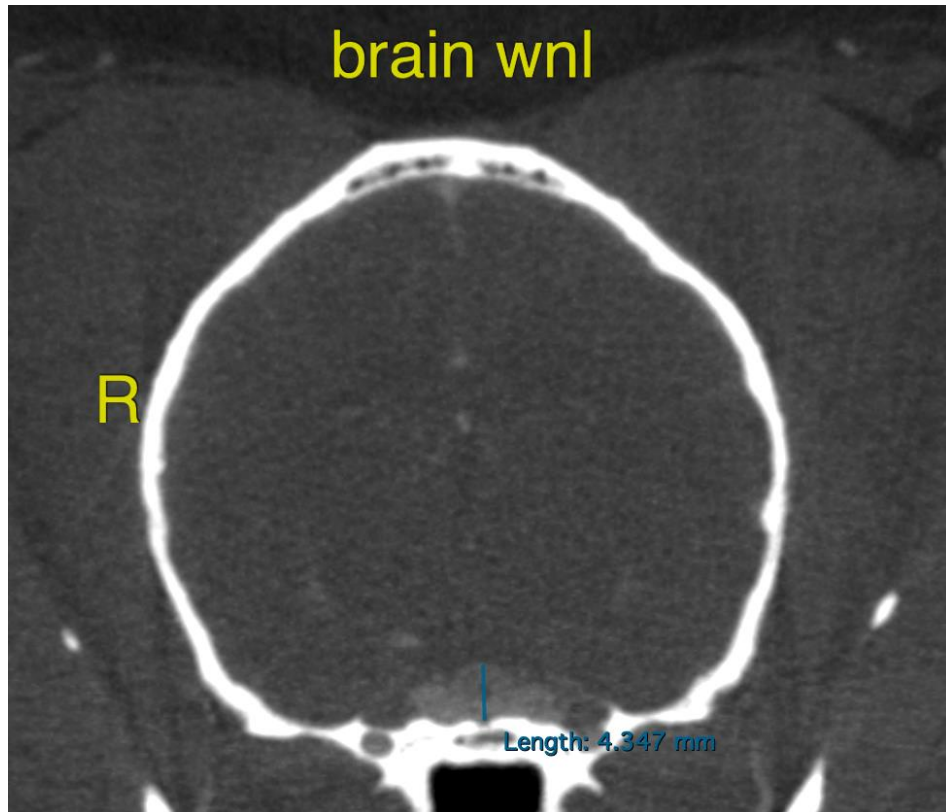
Dr. Engeschall

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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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