



PATIENT

Cole Allen

PRESENTING CLINICAL SIGNS

Acute onset of several seizures yesterday. No history of seizures before yesterday. None since then.
Abnormal PE/Chem/CBC/UA Results: Elevated Lipase, all other BW wnl. UA- Suspected UTI.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

Husky

COMPUTED TOMOGRAPHIC FINDINGS

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.

SEX

MN

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

AGE

14 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

Moderate generalized thickening of the epithelial lining of both external auditory meatuses with osseous metaplasia within the walls of the medial aspects of the external auditory meatuses is seen. Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin.

HOSPITAL NAME

Bluegrass Veterinary
Specialists

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

Roan

COMPUTED TOMOGRAPHIC DIAGNOSIS

- No structural evidence of intracranial pathology.
- Bilateral chronic otitis externa.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings of the brain are within age related normal limits. No evidence of an intracranial mass effect or other structural changes were seen. The negative CT findings do increase the odds of idiopathic/cryptogenic epilepsy. However, cerebrovascular disease including geriatric cerebral microbleeds or other microangiopathy, metabolic/toxic, and inflammatory/infectious pathology cannot be ruled out entirely. Complementary csf analysis could be considered and an MRI could be considered for further definition should the patient relapse and remain refractory to anticonvulsive medication.

DATE

10-4-22



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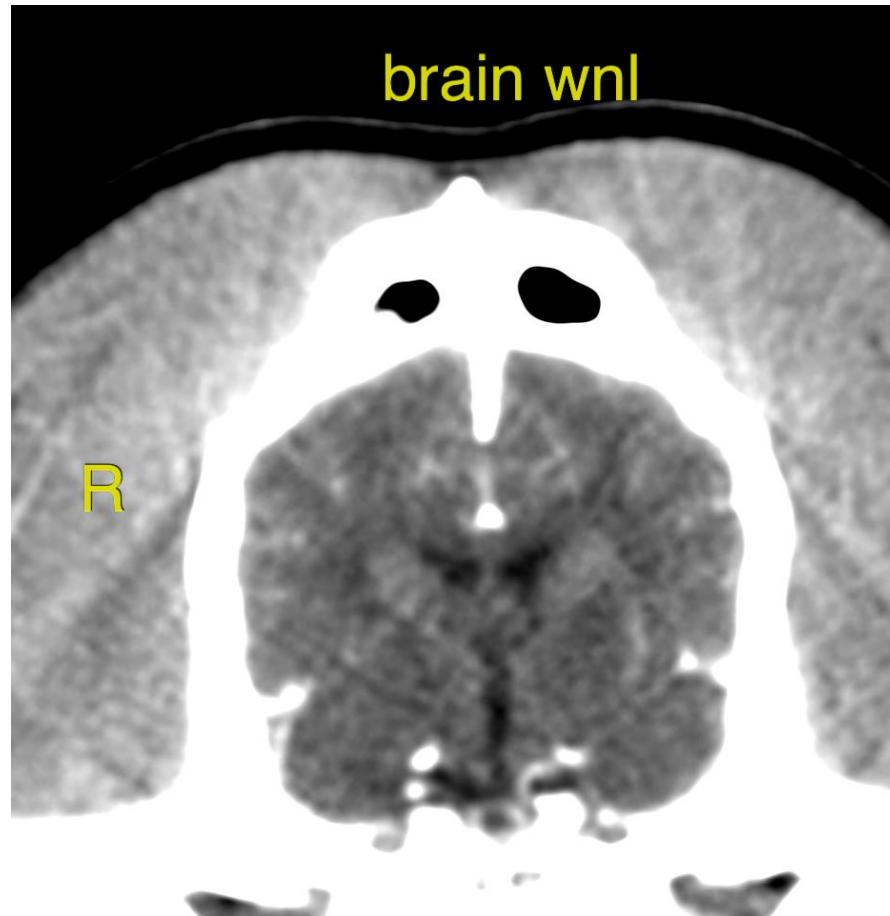
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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