



PATIENT

Shade Michalski

PRESENTING CLINICAL SIGNS

Presented to the ER 48 hrs ago for sudden onset tremors with suspected toxicity, but negative for in-house drug screen and no known exposures. Tested positive for Lyme's disease on 4DX snap test. Minimal improvement to methocarbamol and anti-seizure medications. Unasyn was started 12 hours prior to CSF tap due to aspiration pneumonia (Tracheal fluid also submitted for culture). CT Scan + CSF Tap performed today

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Abnormal PE findings- GEN: Agitated, Est. 3-5% dehydrated; MM pink, tacky MM, moderate hypersalivation/foaming; CRT <2 seconds PULM: Panting with mild effort; clear/increased bronchovesicular sounds in all quadrants EENT: Pupils mydriatic OU; PLR slow and incomplete. No ocular or nasal discharge; minimal debris AU; Generalized periodontal disease. Abnormal CHEM/CBC/4dx results (most recent lab work): Lyme-Positive CREA- 2.3mg/dL BUN- 45mg/dL

BREED

Labrador Mix

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

SEX

Plain and post contrast studies available for review.

FS

COMPUTED TOMOGRAPHIC FINDINGS

AGE

4 Years

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.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

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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.

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.

REFERRING VET

Ravi Seshadri

The salivary glands present within normal limits.

The visible dentition is within normal limits.

INVOICE

52796

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Structurally normal CT study of the brain.

DATE

7-11-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study of the brain reveals no evidence of structural brain injury. Complementary csf analysis could be considered. Idiopathic head tremor and primary epilepsy appear to be potential



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differential diagnoses. However, inflammatory/infectious, metabolic/toxic, neurodegenerative, and cerebrovascular disease cannot be ruled out. An MRI could be considered at some point in this patient should she remain symptomatic and refractory to medical treatment including anticonvulsive.

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Ravi Seshadri

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.

INVOICE

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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.

DATE

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