SonoPath Teleradiology
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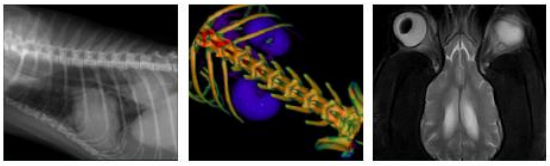

PATIENT

Daxter Pulver

SPECIES

Canine

BREED

Schnauzer

SEX

MN

AGE

13 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Mountain West Veterinary Hospital

REFERRING VET

Jeff Simmons

INVOICE

51049

DATE

3-19-22

PRESENTING CLINICAL SIGNS

Pt has a hx of chronic pancreatitis for at least 2 years. Pt began having seizures about 3-4 days ago. Pt has been ataxic for the last several days as well. Intermittent nystagmus reported on 3/17/22
Abnormal PE/Chem/CBC/UA Results: Triglyceride 815mg/dL, Glob 5.3, Alt 198, Alkp 1763, Lipa 4370 AUS on 3/17/22 - Liver findings are consistent with a vacuolar/endocrine (Cushing's) hepatopathy or reactive; hepatitis, neoplasia less likely,and benign regenerative hepatopathy less likely; left adrenal gland nodule supportive of Cushing's disease - right adrenal plump so further testing needed to help differentiate ADH versus PDH - recommend LDDS test; pancreas is consistent with pancreatitis, but is likely chronic and subclinical typical for the breed

MAGNETIC RESONANCE IMAGING STUDY OF THE BRAIN

T2, T2-star, FLAIR, T1-plain and post-contrast sequences in multiple image planes available for review.

MAGNETIC RESONANCE IMAGING FINDINGS

The neuroparenchymal anatomy present within normal limits. No evidence of structural changes is seen. The signal behavior of the neuroparenchyma is considered within normal limits in all available sequences. The sulci and gyri of the cerebrum are deep. No evidence of meningeal thickening or pathologic contrast enhancement is seen. The volume of the CSF spaces is considered within normal limits. There is no evidence of active distension or increased intracranial pressure. The pituitary gland is within normal limits.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Normal age related MRI study of the brain.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The MRI study of the brain reveals no structural pathology. The pituitary gland presents within normal limits. The underlying cause of the seizural activity remains unclear. Temporal lobe sclerosis / hippocampus atrophy remains a potential as well as pathology that is not necessarily associated with structural damage such as inflammatory/infectious, metabolic/toxic, neurodegenerative and microvascular. The mild generalized atrophy of the forebrain is considered within age related normal limits. The interthalamic adhesion height is within the reference range with more than 5.5mm thickness. Complementary CSF analysis could be considered. The possibility of a pituitary microadenoma cannot be ruled out entirely, however, macromorphological enlargement is not seen.

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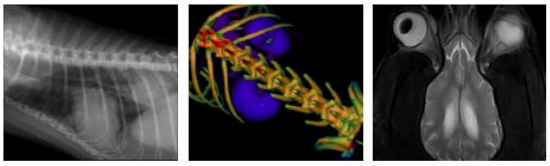

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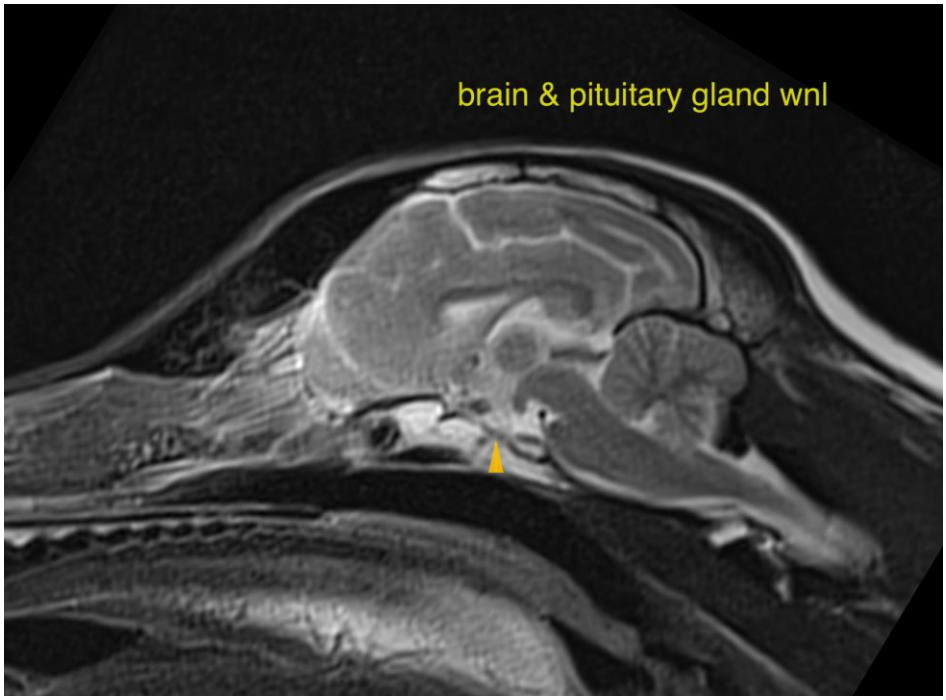

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
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