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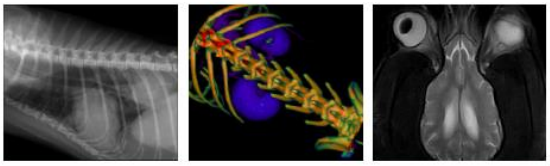

PATIENT

McCartney of Dog Tales Rescue

SPECIES

Canine

BREED

Mixed Breed Medium

SEX

FS

AGE

11 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Health Partners

REFERRING VET

Dr. Stephanie Lovell

INVOICE

53615

DATE

8-20-22

PRESENTING CLINICAL SIGNS

History Seizure history with the first episode noted in September 2021. Stable until 2 months ago on June 25th, when cluster seizures with 2 episodes within 24h. Had cluster seizure on Aug 17. Presented to AHP ER on Aug 18 for altered mentation and focal seizures. Throughout hospitalization at AHP between Aug 19-20, seizure was adequately controlled with Phenobarbital 3 mg/kg Q12H. Plan to start Prednisone 30 mg/kg PO Q24H on Aug 22nd (given the recent usage of NSAID) Diagnostics: MRI + CSF performed on Aug 19th. CSF analysis: WBC = 0/uL with no atypical cells or infectious organisms identified; microprotein 25.9 mg/dL

MAGNETIC RESONANCE IMAGING OF THE SKULL

T2 weighted, FLAIR, diffusion weighted, SWI; T1 pre- and post-gadolinium sequence in multiple imaging planes are provided for review.

MAGNETIC RESONANCE IMAGING FINDINGS

The left rostral cranial fossa is occupied by a well-defined, ovoid shaped, in all sequences to CSF isointense mass like lesion is appreciated; measuring 2.0 x 1.7 x 3.9 cm in size and protruding caudally into the cranial fossa. The frontal lobe is distorted by the mass effect and the surrounding brain parenchyma presents a FLAIR ill-defined hyperintense signal. A midline shift of the brain to the right is appreciated. Post contrast administration, the CSF isointense lesion is demarcated by a thin, mild contrast enhancing capsule and focal plaque-like irregular thickening of the capsule in the lateral aspect.

The ventricular system presents the expected dimensions, morphology and the CSF signal is within normal limits in all sequences.

The tympanic bullae are aerated and the bony lining is thin.

Surrounding soft tissue structures in the head region are within normal limits.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Large intracranial – likely extraaxial mass – cavitary mass left rostral cranial fossa
- Mild surrounding vasogenic edema of the brain parenchyma.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

As the focal thickening of the lining of the cavitary lesion appears to be dural based and given the age of the patient, I consider the odds for cystic neoplasm, particularly cystic meningioma, high. Theoretically epidermoid cyst or less likely subarachnoid cyst/diverticulum are differentials as well.

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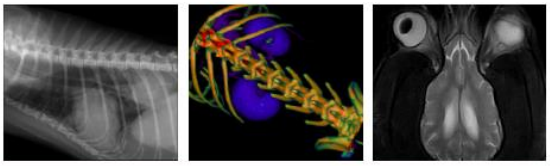

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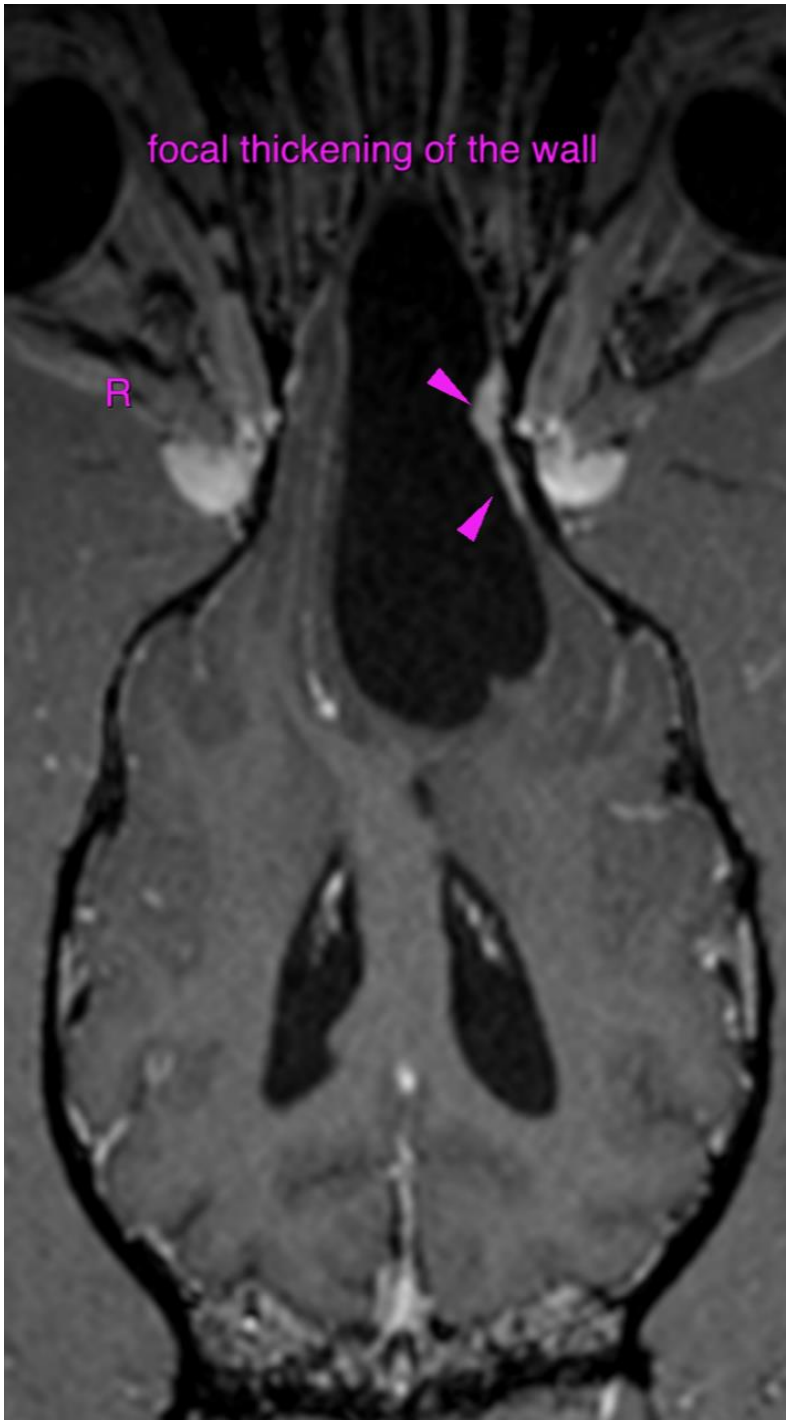

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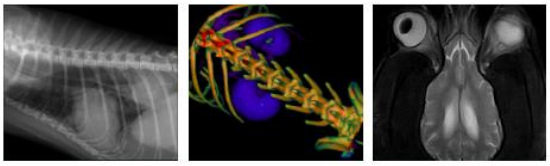

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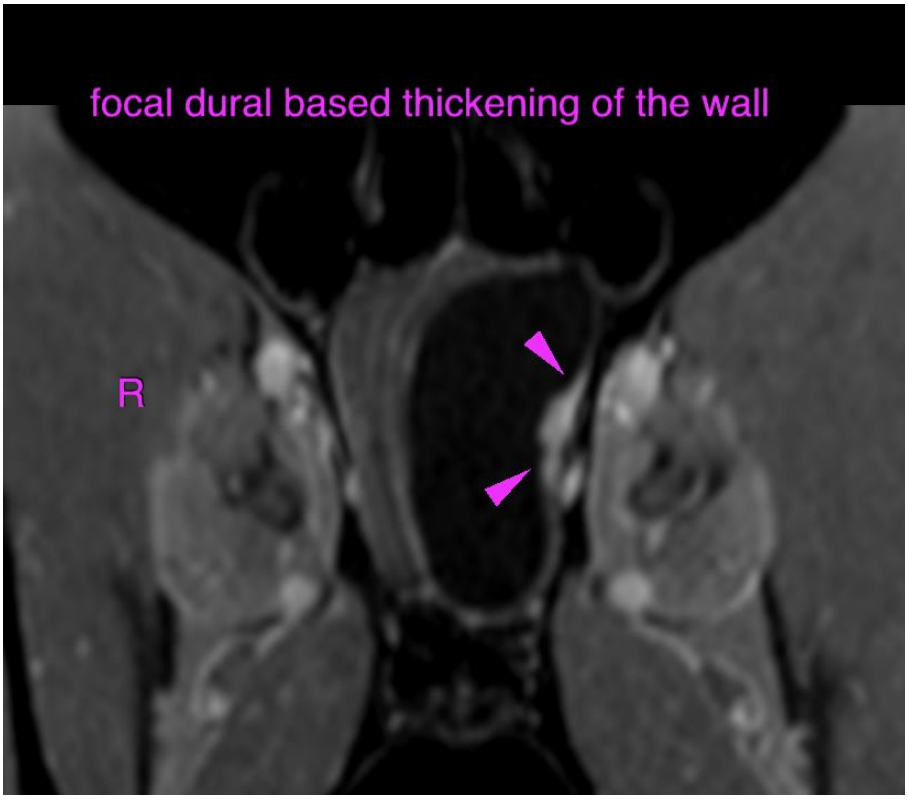

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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