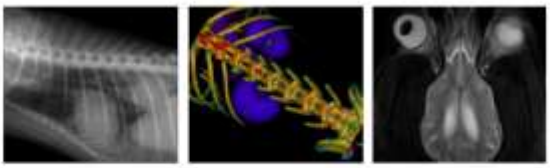
SonoPath Teleradiology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Grover Pedari

SPECIES

Canine

BREED

Wheaten Terrier

SEX

MN

AGE

12 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health Partners

REFERRING VET

Dr. Marchal

INVOICE

48977

DATE

12-11-21

PRESENTING CLINICAL SIGNS

Neurological examination: Mentation: Bright, alert and responsive. Cranial nerve exam: No deficits noted. Gait/posture: Ambulatory with no ataxia or paresis. Postural reactions: Proprioceptive positioning and hopping were normal in all limbs. Spinal reflexes: Normal. Sensory/nociception: No hyperesthesia elicited with palpation along the vertebral column. mild osteolytic lesion at olfactory bulb but no intra-cranial lesion seen on MRI Abnormal PE/Chem/CBC/UA Results: Grover's first episode was noted about 6 months ago and he has had about 3-4 episodes seen so far. They are all similar in presentation and duration. During the event, his legs give up and he sits on the sternum. His face will tense up, No convulsion or paddling is seen and he is aware of his surrounding. The episodes take 3-5 min. He start to walk right after the episode ends.

MAGNETIC RESONANCE IMAGING STUDY OF THE BRAIN

T2, T2-star, diffusion weighted, FLAIR, and T1-plain and post contrast studies in various image planes available for review.

MAGNETIC RESONANCE IMAGING FINDINGS

The MRI study of the brain reveals no deviation from the expected neuroparenchymal anatomy. The bilateral symmetry is maintained. Signal behavior of the neuroparenchyma is as expected.

There is no evidence of abnormal dilation of the csf spaces other than mild generalized brain atrophy within the normal age related limits.

Interthalamic adhesion height is 5.5mm which is within normal limits as well. There is no evidence of hemorrhage restricted diffusion or pathologic contrast enhancement.

The porosity of the cribriform plate is considered within normal limits.

No evidence of a mass is seen within the caudal aspect of the nasal cavities. There is no evidence of aggressive osteolysis.

Prominent multifocal mineralization of the cerebral falx is seen in the midline between the two brain hemispheres and considered within normal limits.

A mild amount of fluid is accumulating in the nasopharynx.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Structurally normal MRI study of the brain with normal age related brain atrophy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The MRI study of the brain reveals no evidence of structural brain injury. There is mild generalized atrophy of the neuroparenchyma which is considered within age related normal limits. Nevertheless, cognitive dysfunction cannot be ruled out even with normal anatomic and volume relationships. Presence of other nonstructural neuroparenchymal injury could be further defined by means of complementary csf analysis if not performed already.

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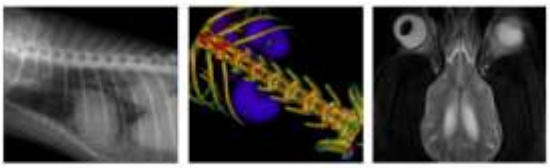

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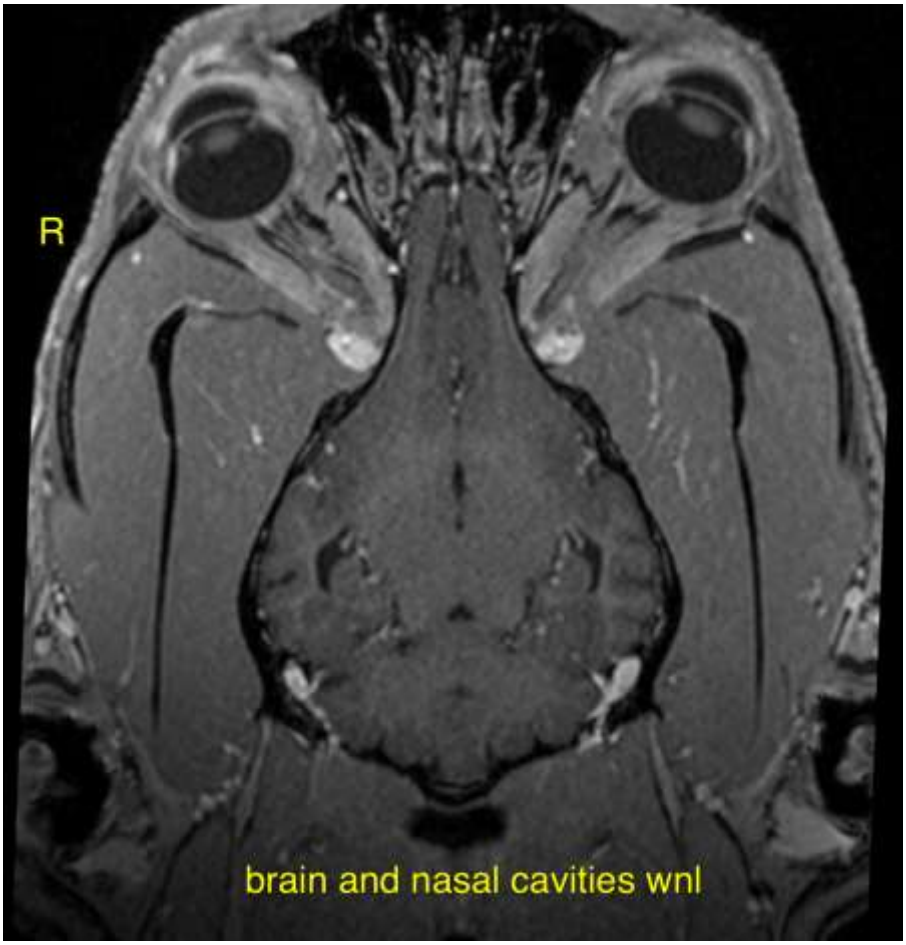

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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