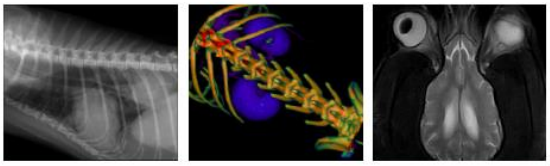
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



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

PATIENT

Izzy Whitney

SPECIES

Canine

BREED

Miniature Pinscher

SEX

Female Spayed

AGE

14 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Mountain West Veterinary Specialists

REFERRING VET

Dr. Jeff Simmons

INVOICE

58178

DATE

5-8-23

PRESENTING CLINICAL SIGNS

Diagnosed tremor disorder (Shaker Syndrome) that has progressed in the last week including new symptom of pelvic limb weakness. R/O progression of tremor disorder or multifocal/multiple disease processes like IVDD. Seems painful more in the evening.
Abnormal PE/Chem/CBC/UA Results: Ambulatory with mild PL weakness. Mildly elevated PLT - RETIC - K - ALP

MAGNETIC RESONANCE IMAGING STUDY OF THE THORACOLUMBAR SPINE & BRAIN

Plain and post contrast studies of the brain and plain study of the thoracolumbar spine available for review.

MAGNETIC RESONANCE IMAGING FINDINGS

Thoracolumbar Spine

The MRI study reveals mild to moderate chronic intervertebral disc protrusions between T9/10, T12/13, T13/L1, L1/2, L2/3, as well as at the lumbosacral junction. The degree of spinal cord and cauda equina compression appears to be mild to moderate. No signal alterations of the spinal cord can be identified.

Small T2 hypointense nodules of the spleen are seen.

Brain

The neuroparenchyma presents within normal limits. The brain presents the expected morphology, bilateral symmetry, signal intensity, and enhancement. The meninges and ventricular system present within normal limits as well.

The craniocervical junction presents within normal limits.

Dysmorphia of the right eye with microphthalmos is noted.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Normal MRI presentation of the brain.
- Multiple chronic mild to moderately compressive intervertebral disc protrusions between T9/10, T12/13, T13/L1, L1/2, L2/3, and L7/S1.
- Right hand sided microphthalmos with loss of the regular anatomy of the right globe.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

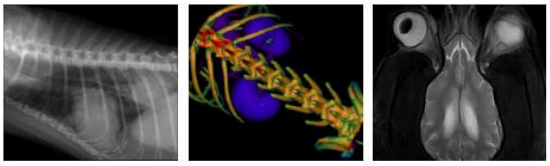
Multiple mild to moderately compressive chronic intervertebral disc protrusions within the thoracic and lumbar spine as well as at the lumbosacral junction may be associated with pain as well as mild neurologic deficits and may contribute to the clinical signs of the patient.

No structural brain injury was identified by the MRI study.

Note the right hand sided microphthalmos with disorganized appearance of the intraocular tissues. Further ophthalmologic workup could be considered if not performed already.

SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



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

PATIENT

Izzy Whitney

SPECIES

Canine

BREED

Miniature Pinscher

SEX

Female Spayed

AGE

14 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Mountain West
Veterinary Specialists

REFERRING VET

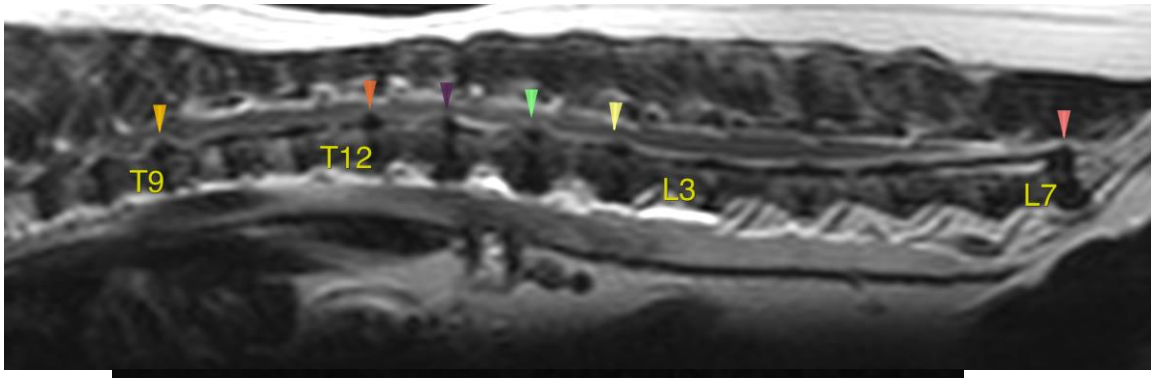
Dr. Jeff Simmons

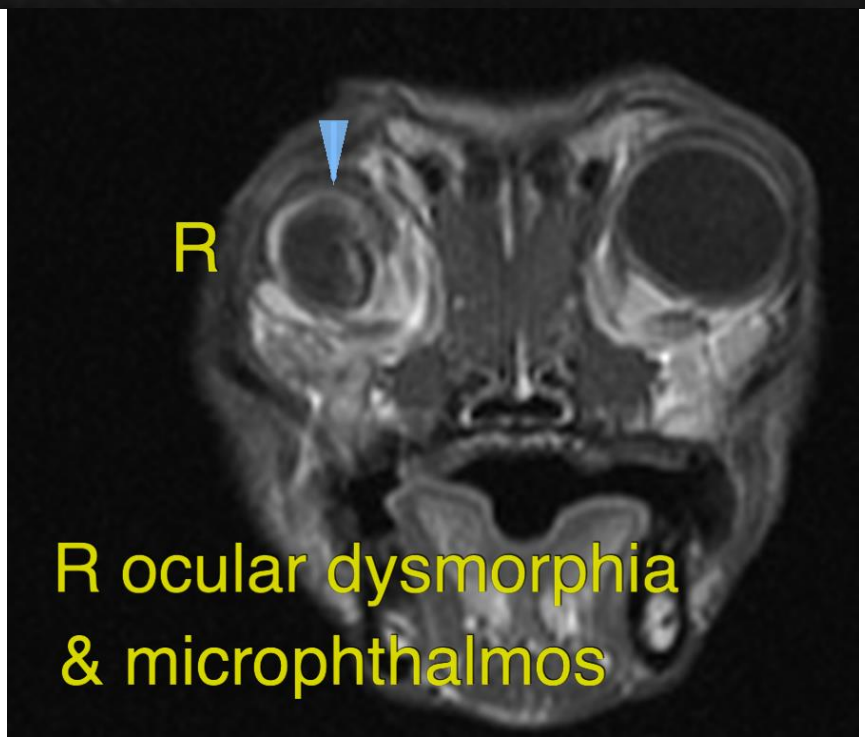
INVOICE

58178

DATE

5-8-23





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
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com