



PATIENT

Dave Cottonwood
Heights Police
Department

PRESENTING CLINICAL SIGNS

Lameness started and has become progressively worse ataxia over the last few months.
Abnormal PE/Chem/CBC/UA Results: Moderate ataxia of hindlimbs, mild CP delays.

SPECIES

Canine

MAGNETIC RESONANCE IMAGING STUDY OF THE LUMBAR SPINE

T2 - plain and post contrast and T1 - weighted sequences in various image planes are available for review.

BREED

German Shepard

Number, alignment, and general anatomy of the lumbar vertebrae present within normal limits. The intervertebral discs are in situ within the lumbar spine.

Various stages of disc degeneration can be observed with no evidence of disc herniation.

SEX

M

Emerging spondylosis deformans is seen between L3 and L4, and L4 and L5.

Mild intervertebral disc protrusion and degenerative disc disease are seen at the lumbosacral junction with no evidence of compression of the cauda equina nerves. There is no evidence of neuroforaminal stenosis.

AGE

6 Years

Moderate symmetric enlargement of the prostate appears to be present.

The sublumbar lymph nodes present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Mild degenerative lumbosacral stenosis with no evidence of cauda equina compression.
- Multifocal degenerative disc disease.
- Prostatic hyperplasia of the non-neutered male.

HOSPITAL NAME

Mountain West
Veterinary Hospital

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The MRI study reveals mild noncompressive protrusion of the lumbosacral intervertebral disc. The MRI findings do not explain the clinical signs and degenerative myelopathy appears to be a primary differential diagnosis in this case. Clinical correlation is required. The possibility of inflammatory/infectious disease cannot be ruled out entirely but is considered by far less likely. Genetic testing for degenerative myelopathy could be considered since a test is available for the German shepherd dog.

REFERRING VET

Andrew Burton

INVOICE

59075

DATE

6-27-23



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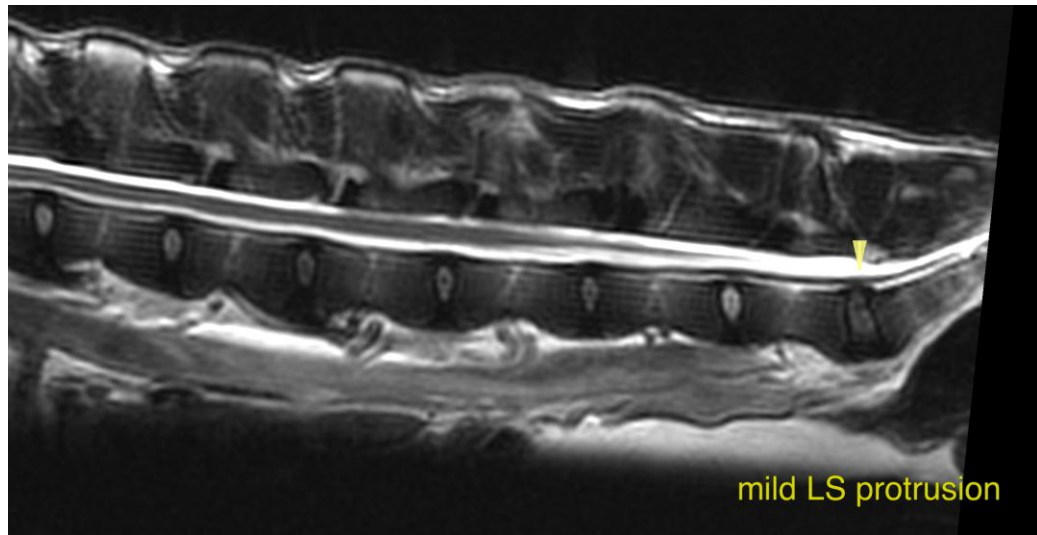
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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