



**PATIENT**

Norman Mejsak

**PRESENTING CLINICAL SIGNS**

Chronic lumbosacral pain  
 Abnormal PE/Chem/CBC/UA Results: Sensory/nociception: Mild equivocal hyperesthesia elicited with palpation along the lumbosacral vertebral column.

**SPECIES**

Canine

**MAGNETIC RESONANCE IMAGING STUDY OF THE LUMBAR SPINE & LUMBOSACRAL JUNCTION**

T2 and T1-fat saturated, T1-fat and non-fat saturated, plain and post contrast sequences in various image planes available for review.

**BREED**

Golden Retriever

**MAGNETIC RESONANCE IMAGING FINDINGS**

The lumbosacral disc presents mild volume loss and signal loss of its nucleus pulposus. The lumbosacral intervertebral disc space presents mild dorsal narrowing. Mild intervertebral disc protrusion into the ventral epidural space is seen. The ventral epidural fat is lost. The dorsal and lateral epidural fat are maintained. Mild craniolateral flattening of the cranial sacral end plate without obvious defect is seen. There is mild lumbosacral end plate remodeling and a mild step formation. Mild hypertrophy of the ligamentum flavum is noted at the lumbosacral junction.

**SEX**

MN

**AGE**

1 Year

The flexed study reveals no further protrusion. However, protrusion is typically more pronounced in extension as to the loss of the tension of the dorsal longitudinal ligament.

The lumbosacral neuroforamina present no evidence of narrowing.

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

The L6/7 disc presents minor protrusion.

No evidence of further compressive or other structural myelopathies is seen throughout the remainder of the lumbar spine. No signal alteration of the spinal cord is noted. There is no pathologic contrast enhancement.

**HOSPITAL NAME**

Animal Health  
 Partners

Moderate bilateral coxofemoral joint effusion is noted as well as mild dorsolateral subluxation and joint space incongruity with mild caudolateral curvilinear femoral neck and circumferential femoral head osteophytes.

**REFERRING VET**

Dr. Edouard Marchal

**MAGNETIC RESONANCE IMAGING DIAGNOSIS**

- Degenerative lumbosacral stenosis with mild intervertebral disc protrusion of the lumbosacral intervertebral disc and mild hypertrophy of the ligamentum flavum.
- Mild bilateral coxofemoral joint dysplasia and osteoarthritis.

**INVOICE**

52376

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The MRI study reveals degenerative lumbosacral stenosis. Whilst the degree of intervertebral disc protrusion and deviation of the cauda equina nerve fibers appears mild, dynamic protrusion accentuated in extension still remains a potential.

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6-8-22



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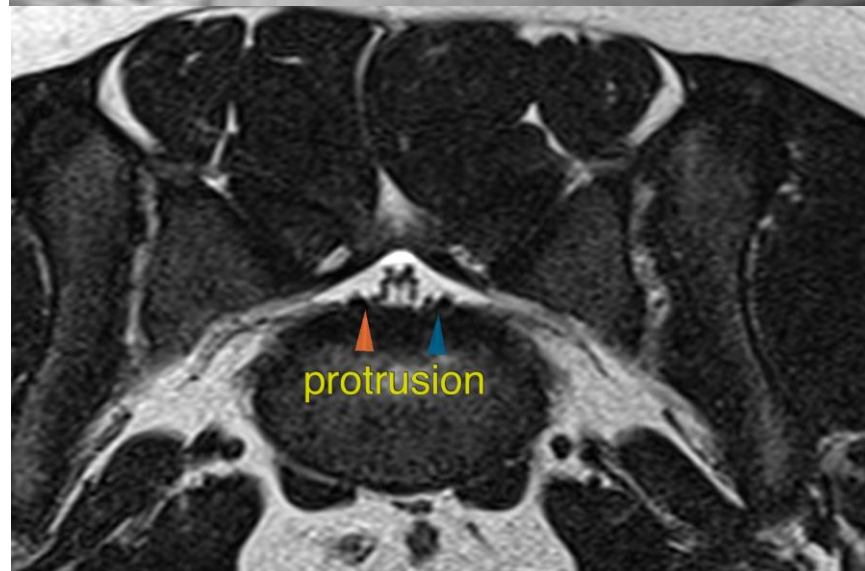
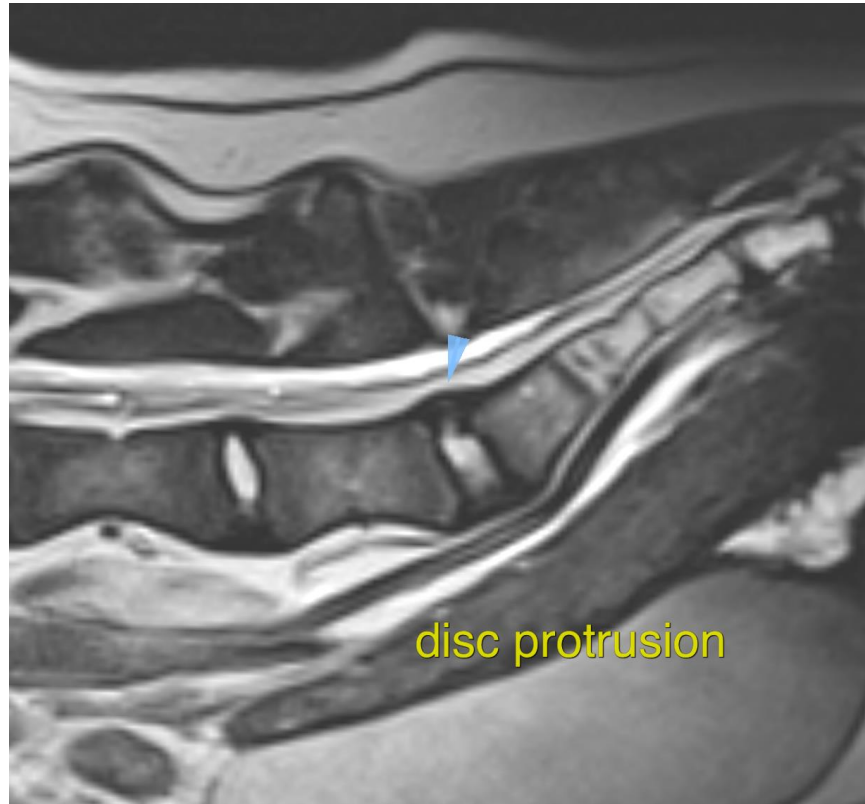
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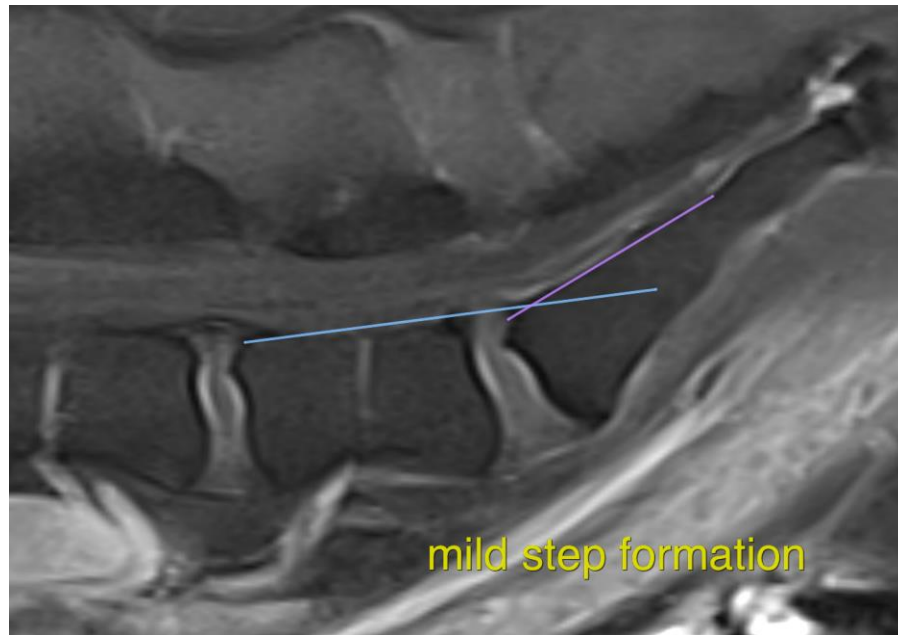
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**HOSPITAL NAME**

Animal Health  
Partners

**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

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