



PATIENT PRESENTING CLINICAL SIGNS

Theo Schmidt
 Around April 6th Theo was noted to have trouble jumping into the car. On the way home he was unable to jump at all. He has been wobbly in his back end since. He walks ok in a straight line. When he turns he stumbles. He is having trouble with the stairs. His gait seems to have remained static.

SPECIES MAGNETIC RESONANCE IMAGING STUDY OF THE THORACIC & LUMBAR SPINE

Canine
 T2, T2-fat saturated, T1-plain and post contrast with and without fat saturation in various image planes available for review.

BREED MAGNETIC RESONANCE IMAGING FINDINGS

German Shepherd
 A series of intervertebral disc protrusions is seen within the cranial and mid thoracic spine from T2-T8. The protrusion at T2/3 is most pronounced and moderate in degree with mild spinal cord compression and moderate vertebral canal stenosis which is contributed by the moderate protrusion of the annulus fibrosus as well as hypertrophy of the vertebral facets.

SEX
 MN
 The protrusions between T3/4, T4/5, T5/6, T6/7, T7/8 are mild and noncompressive.

AGE
 8 Years
 Mild intervertebral disc protrusion is seen between T12/13, T13/L1, and L1/2. The dorsal and lateral subarachnoid spaces are maintained. Mild dorsal deviation and ventral flattening of the spinal cord are seen between T13 and L1.

INTERPRETED BY
 Nele Eley, DVM
 Dr. med. Vet. DipECVDI
 Serial degenerative spondyloarthropathy and juxtaarticular cysts are seen throughout the lumbar spine.

Mild intervertebral disc protrusions are present between L6/7 and L7/S1. A thin rim of epidural fat appears to be maintained ventral to the cauda equina nerve fibers even though the ventral epidural fat is significantly diminished by the mild lumbosacral disc protrusion. The cauda equina nerves present no significant change in cross sectional area and signal.

HOSPITAL NAME
 Toronto Animal Health Partners
 Multiple small T2 hypointense nodules are seen throughout the generally enlarged spleen.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- REFERRING VET**
 Dr. Alison Little
- Multiple mild to moderate chronic intervertebral disc protrusions within the thoracic and lumbar spine. Moderate between T2/3 and T13/L1, mild between T3/4, T4/5, T5/6, T6/7, T7/8, T12/13, L1/2, L6/7, L7/S1.
 - Serial spondylarthroses and juxtaarticular cysts throughout the lumbar spine.
 - Suspect lymphoid hyperplasia of the spleen.

INVOICE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

57913
 The MRI study reveals a series of mild to moderate intervertebral disc protrusions within the thoracic and lumbar spine with the most significant changes between T2/3 and T13/L1. The degree of degenerative lumbosacral stenosis is mild. Mild degree of lumbosacral stenosis appears rather unlikely to fully explain the patient's clinical signs. The other sites of extrusion do not appear to parallel the neuroanatomic localization and other differential diagnoses such as degenerative myelopathy should be considered as well.

DATE
 4-20-23



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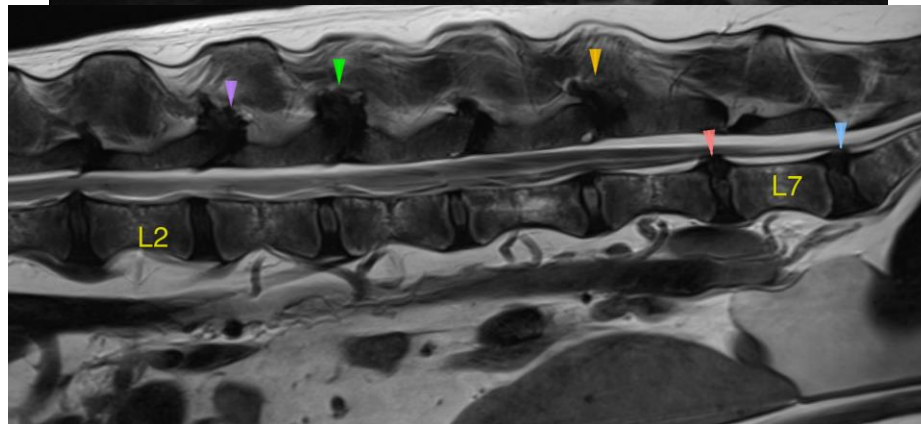
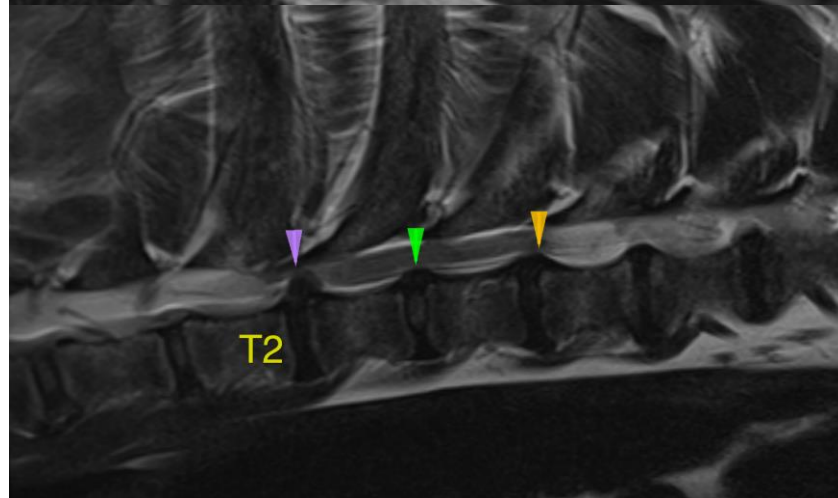
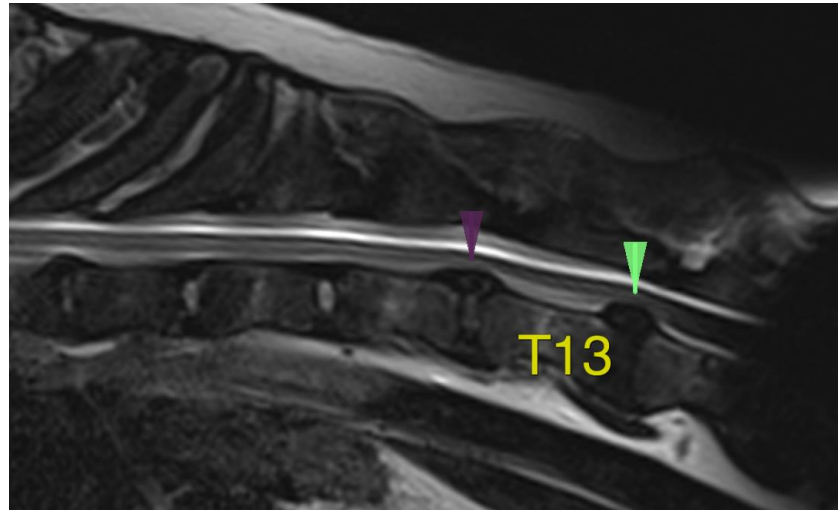
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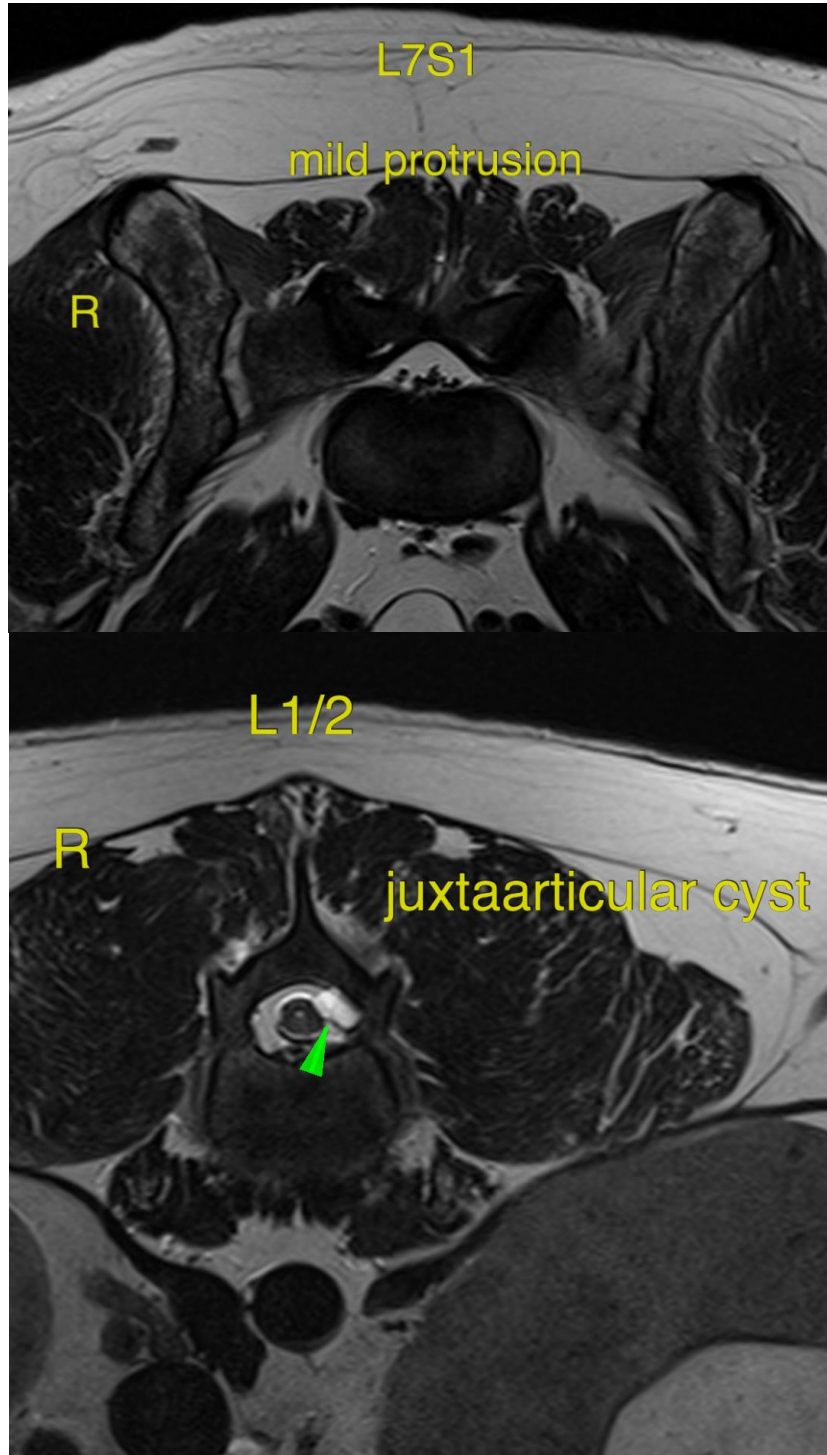
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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