



PATIENT PRESENTING CLINICAL SIGNS

Lola Vazan
SPECIES Feline
 At about 4:15 PM on Jan 13, owner noticed she was still walking normally. Then 1 hour later, owner noticed she had trouble getting up stairs. Then, as owners were watching her, they noticed that she was dragging her back feet. It almost appeared like both of her back feet were numb. As she tried stairs again, she was having a hard time and she was bunny hopping up the stairs. Before this, she has never had any difficulty with walking. She has not had any increased drinking or urination. Appetite normal (does tend to have great appetite). Energy levels have been normal. Occasional (once every few weeks) will have vomiting.

BREED DSH
 Abnormal PE/Chem/CBC/UA Results: Gait/posture: Non-ambulatory without assistance with no ataxia and severe paresis. When assisted, normal steps are noted in thoracic limbs and she is able to take weak steps in pelvic limbs with reduced motor and muscle tone. Spinal reflexes: Normal patellar reflex. Markedly reduced withdrawal. Weak anal tone. Flaccid tail. Sensory/nociception: Moderate hyperesthesia elicited with palpation along the lumbar vertebral column.

SEX MAGNETIC RESONANCE IMAGING OF THE THORACIC & LUMBAR SPINE

FS
 T2&T1 (DIXON) weighted, pre- and post-gadolinium sequences in multiple imaging planes are provided for review.

AGE MAGNETIC RESONANCE IMAGING FINDINGS

10 Years
INTERPRETED BY Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI
 Level with L4/L5, the spinal cord presents a moderate increased diameter and diffuse hyperintense signal in the fluid sensitive sequences, accentuating the grey matter. In diffusion weighted imaging, the ADC map no impaired diffuse is appreciated. Post contrast administration no overt contrast enhancement is appreciated.

The left epaxial musculature level with L1/L2 presents a mild hyperintense signal in the T2 fat suppressed images.

HOSPITAL NAME Animal Health Partners
 Multiple intervertebral discs of the thoracic & lumbar spine present a moderate loss of the in fluid sensitive sequences hyperintense signal of the nucleus pulposus.

The volume of the right kidney is mildly decreased.

REFERRING VET Dr. Alison Little
 In the cranioventral aspect of the mediastinum, a multiloculated structure is visible, following the thymus in shape. Post contrast administration the multiloculated structure presents mild to moderate contrast enhancing.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- INVOICE** 49569
- Segmental T2 hyperintense myelopathy without contrast enhancement
 - Cranioventral multiloculated structure
 - Right sided chronic nephropathy
 - Generalized moderate degenerative disc disease

DATE

1-13-22



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Lola Vazan

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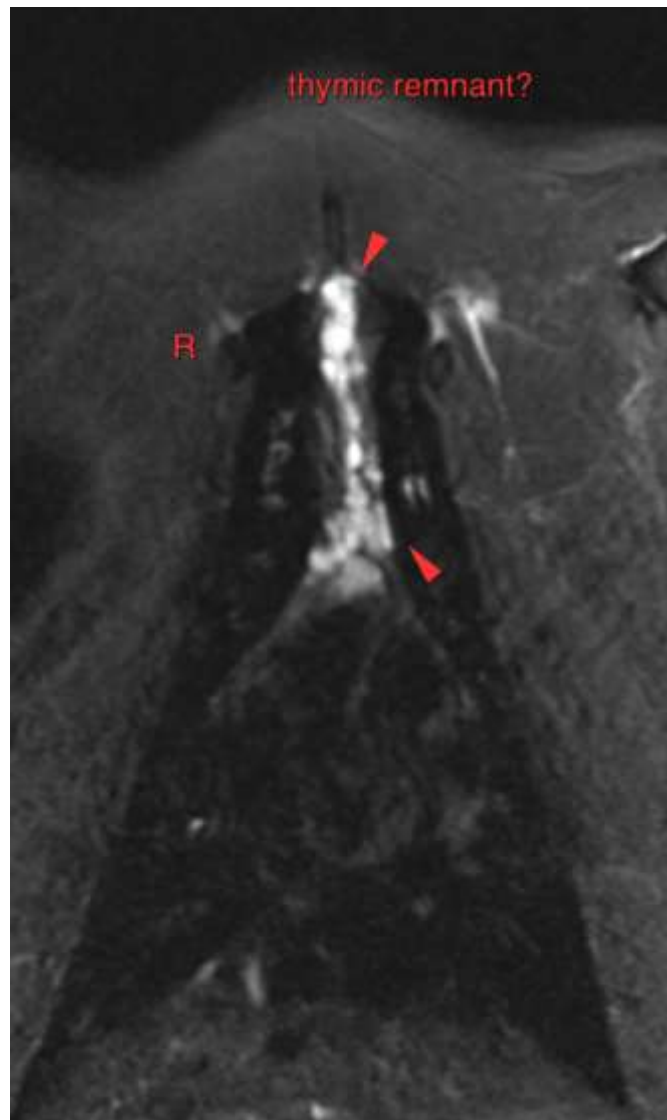
DATE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The segmental hyperintensity of the spinal cord in conjunction with the acute onset of clinical signs is suggestive for ischemic myelopathy –although no impaired diffusion was detected in the DW sequence – or less likely acute non-compressive nucleus pulposus extrusion. Differentials include myelitis (e.g. Toxoplasma) or round cell tumor. Complementing workup by CSF tap appears beneficial.

The multiloculated structure in the cranial mediastinum can represent a thymic remnant or prominent lymphatic vessels/lymph nodes. Ultrasound guided FNA sampling can be tried to rule out malignant transformation.





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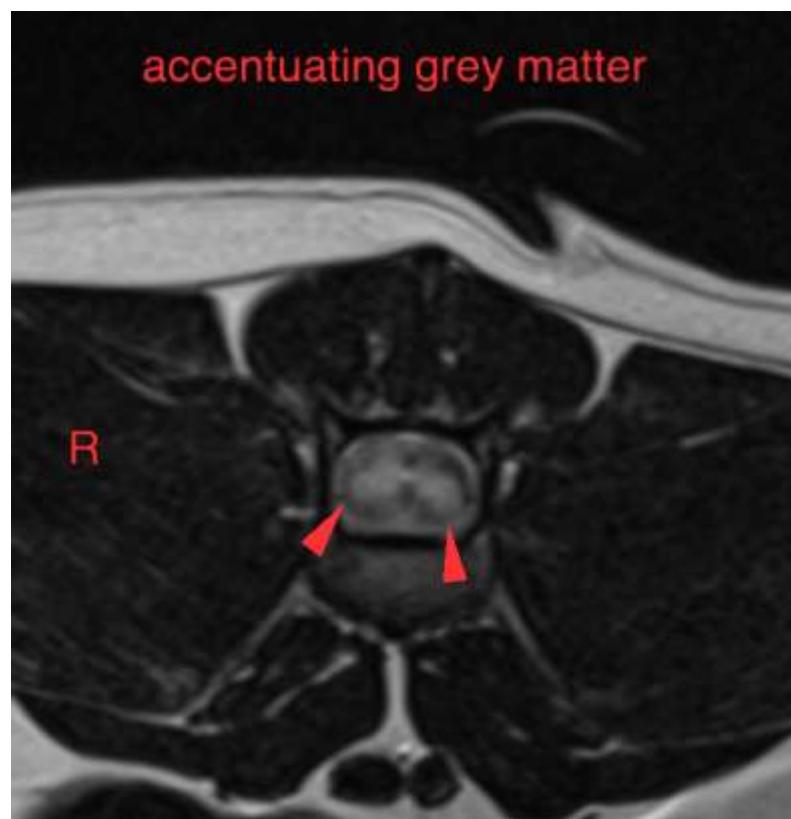
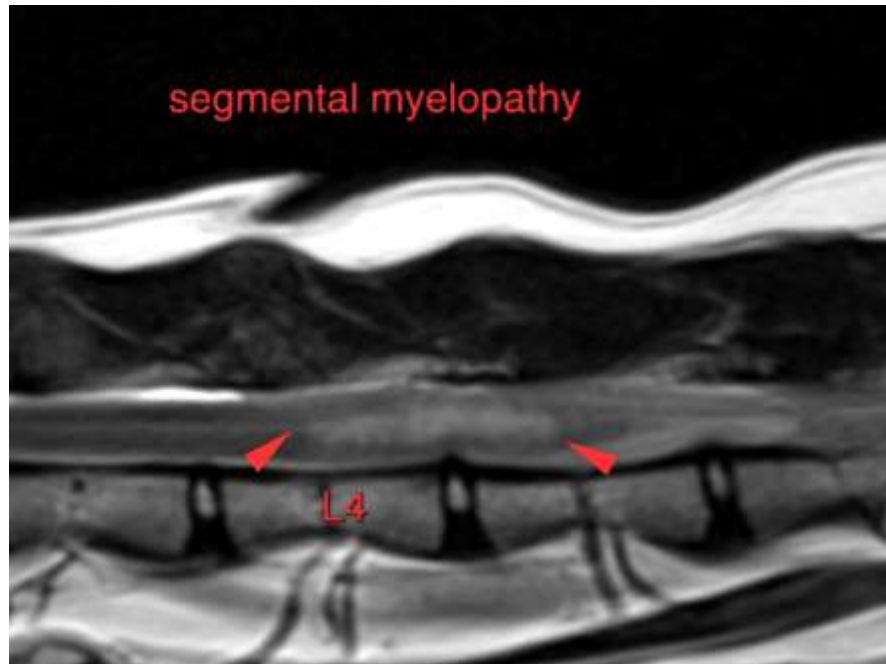
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Feline

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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