



PATIENT PRESENTING CLINICAL SIGNS

Leo Botnick Progressive painful L6-S3 myelopathy since last week, acutely worse today MRI: disc T13-L1 (T13 lumbarized), underwent GA for left T13-L1 hemilaminectomy

SPECIES MAGNETIC RESONANCE IMAGING OF THE THORACIC & LUMBAR SPINE

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

BREED MAGNETIC RESONANCE IMAGING FINDINGS

Dachshund Twelve thoracic vertebra and eight lumbar vertebra are present. THE LAST RIB BEARING VERTEBRA IS COUNTED AS T12.

SEX
M
AGE
4 Years
Level with the intervertebral disc space L1/L2, hypointense material is visible in the left ventrolateral aspect of the vertebral canal, occupying approximately up to 35% of the cross-sectional area of the vertebral canal at the same level. The hypointense material is extending cranially and caudally up to the mid segment of the vertebral body of L1&L2 respectively. The spinal cord level L1/L2 is compressed and displaced to the right and dorsally. Heterogeneous hypoattenuating material is appreciated in the epidural space up to the level of L2/L3.

There is a generalized moderate to complete loss of the in fluid sensitive sequences hyperintense signal of the nucleus pulposus of the intervertebral discs of the thoracic & lumbar spine.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Post contrast administration, no pathological distribution of contrast enhancement is seen.

The prostate is symmetric, and the prostatic parenchyma is mildly heterogeneous hyperintense in the T2 weighted images and presents a homogeneous contrast enhancement pattern.

HOSPITAL NAME

Animal Health
Partners

No additional abnormalities are appreciated.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Thoracolumbar transitional vertebra
- Intervertebral disc extrusion L1/L2 with compressive myelopathy
- Generalized degenerative disc disease along the thoracic & lumbar spine

REFERRING VET

Dr. Edouard Marchal

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are consistent with intervertebral disc extrusion L1/L2 (T13/L1 depending on counting of the thoracolumbar transitional vertebra) from the left. Surgical decompression has already been performed.

INVOICE

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The prostate is normal in size, shape and presents with physiological signal behavior and can be considered as normal in an intact male dog.

DATE

2-10-22



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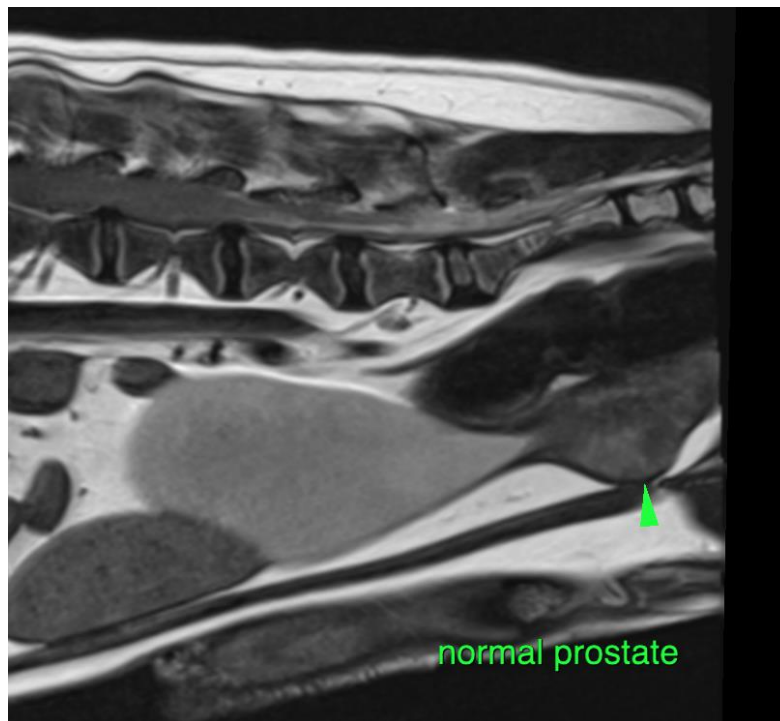
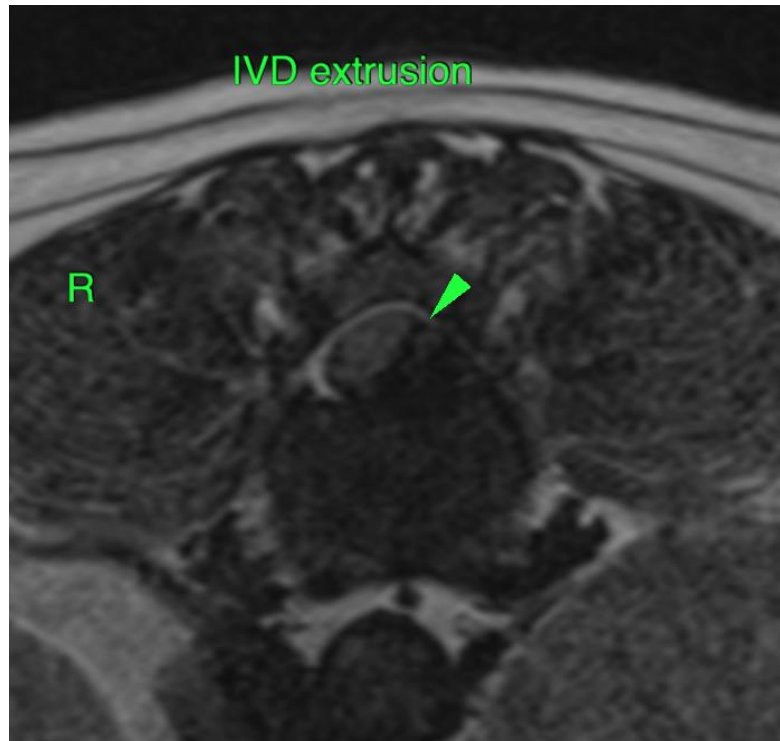
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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