



PATIENT

Chloe Ray Volden

PRESENTING CLINICAL SIGNS

Transferred from another ER for a neurological workup due to being acutely paraparetic in the pelvic limbs, no CP bilaterally as well in the pelvic limbs. Tender on LS palpation, no hopping on RPL, some hopping on left hind limb but very diminished, deep pain intact. Radiographic findings from previous ER from 10/25: Congenital vertebral malformation (transitional vertebra) and degenerative intervertebral disc disease. At present, there is no evidence of an aggressive bone lesion (such as osteomyelitis or neoplasia). Rule Outs: IVDE, neoplasia, inflammatory less likely
Abnormal PE/Chem/CBC/UA Results: NSF

SPECIES

Canine

BREED

French Bulldog

MAGNETIC RESONANCE IMAGING OF THE THORACIC & LUMBAR SPINE

T2 weighted, STIR, HASTE, T1 pre- and post-gadolinium sequences in multiple planes are provided for review.

SEX

FS

AGE

4 Years, 11 Months

MAGNETIC RESONANCE IMAGING FINDINGS

Level with the intervertebral disc space L3/L4, T2&STIR heterogeneous material is visible in the left ventral aspect of the vertebral canal occupying approximately up to 30% of the cross-sectional area of the vertebral canal at the same level. The material is extending predominantly caudally over the complete length of the vertebral body of L4 and cranially up to the mid third of the vertebral body of L3. The spinal cord at the same level is displaced dorsally and mildly to the right and distorted.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Floating ribs are present level with L1.

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

Hemivertebra are present along the thoracic spine.

HOSPITAL NAME

South Bay Animal
Hospital

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Intervertebral disc extrusion L3/L4 with compressive myelopathy
- Thoracolumbar transitional vertebra –transverse processes of L1 appear normal and floating ribs are seen at the same level
- Generalized degenerative disc disease along the thoracic & lumbar spine
- Hemivertebra thoracic spine

REFERRING VET

Filippo Adamo,
DECVN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

48060

The intervertebral disc extrusion L3/L4 from the left with predominant caudal extend over L4 is a plausible explanation for the clinical signs. Surgical decompression appears beneficial.

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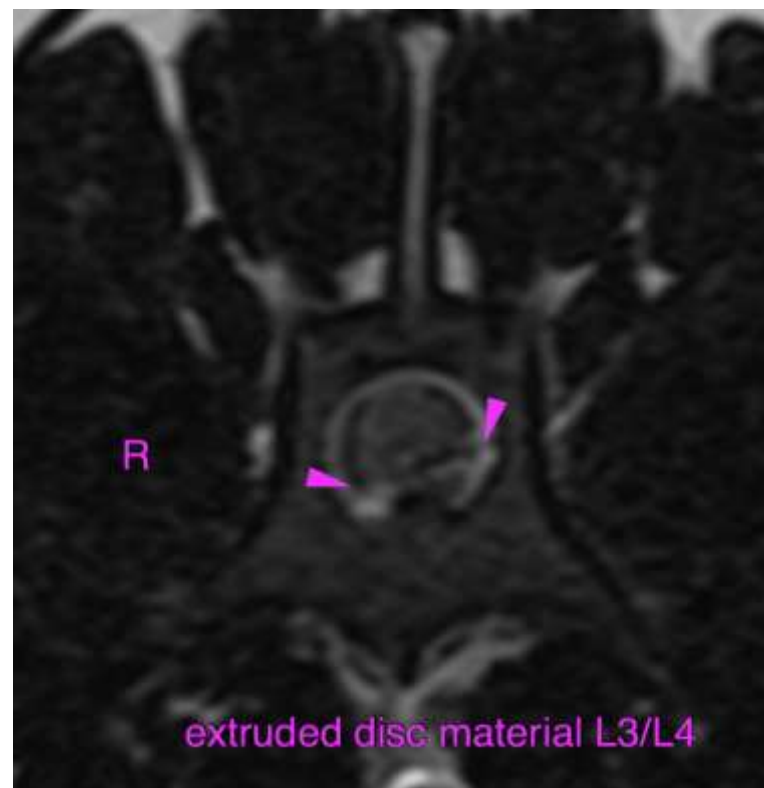
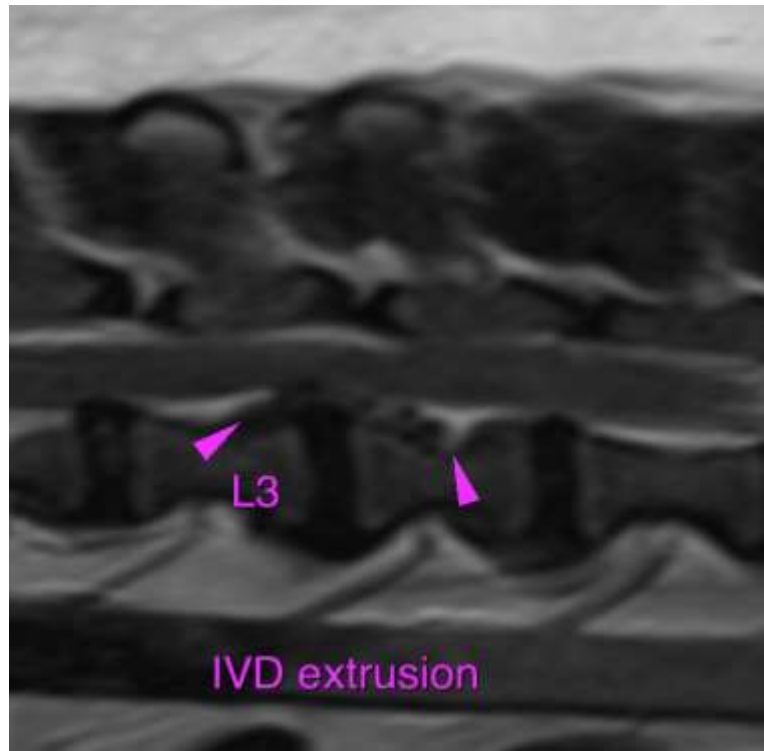
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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