



PATIENT PRESENTING CLINICAL SIGNS

Lucas Manzon
 Patient presented on 10/3 for a consult due to acute onset pelvic limb knuckling starting the night prior. PE showed mild to moderate CP deficits pilaterally in the pelvic limbs. Tremors are seen on the thoracic limbs even under sedation. Nonpainful on exam. Lab work and sedated radiographs display evidence of degenerative remodeling involving the cervical spine with multifocal disk space narrowing and mineralized is material between the second and third cervical segment. No other abnormalities noted. Rule Outs: acute disc herniation lower TL spine, IVDD, inflammatory, neoplasia less likely
 Abnormal PE/Chem/CBC/UA Results: WNL, NSF

BREED MAGNETIC RESONANCE IMAGING OF THE THORACIC & LUMBAR SPINE

Pit Bull Mix
 T2 weighted, STIR, HASTE and T1 pre- and post-gadolinium sequence in multiple planes are provided for review.

SEX MAGNETIC RESONANCE IMAGING FINDINGS

MN
 THE LAST RIB BEARING VERTEBRA IS COUNTED AS T13.

AGE
 ~3 Years
 Level with the intervertebral disc space T11/T12, heterogenous hypointense extruded disc material is visible in the right ventrolateral aspect of the vertebral canal, occupying approximately 40% of the cross-sectional area of the vertebral canal at the same level. The extruded disc material is extending predominantly cranially over the complete length of the vertebral body of T11. The spinal cord at the same level is displaced to the left, distorted and presents a mild diffuse T2 and STIR intraparenchymal hyperintense signal.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

All intervertebral discs of the lumbar spine are mildly protruding into the vertebral canal, distorting the ventral epidural space at the same level.

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

South Bay Animal Hospital

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Intervertebral disc extrusion T11/T12 with compressive myelopathy
- Generalized mild intervertebral disc protrusions along the lumbar spine without compressive myelopathy
- Multifocal degenerative disc disease along thoracic & lumbar spine

REFERRING VET

Ravinder Atwal, DVM, CCRP

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE
 47717
 The MR study is consistent with right sided intervertebral disc extrusion T11/T12 with compressive myelopathy. The finding is a plausible explanation for the described clinical signs and surgical decompression appears beneficial.

DATE
 No additional clinically relevant abnormalities are appreciated.

10-7-21



PATIENT

Lucas Manzon

SPECIES

Canine

BREED

Pit Bull Mix

SEX

MN

AGE

~3 Years

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HOSPITAL NAME

South Bay Animal
Hospital

REFERRING VET

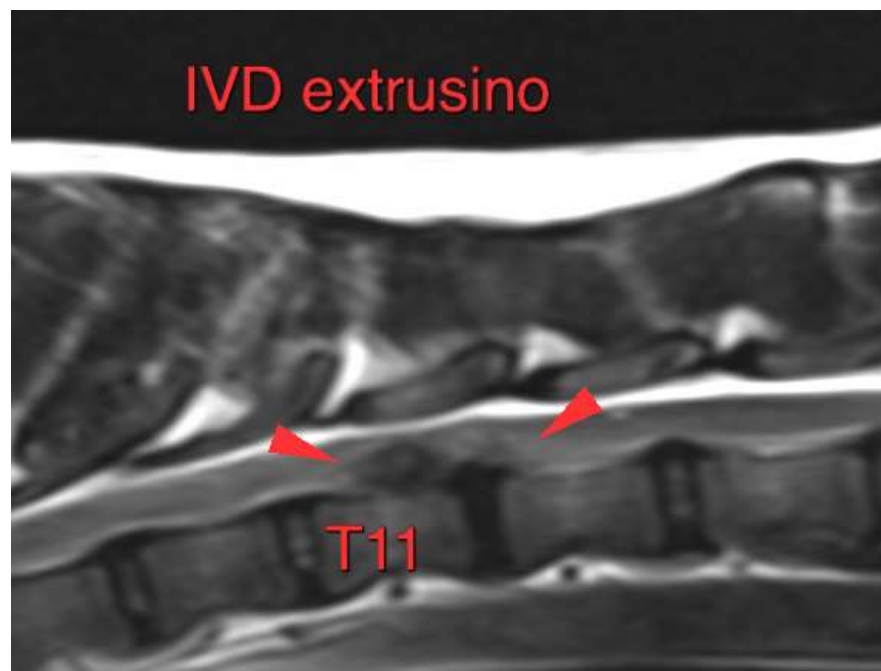
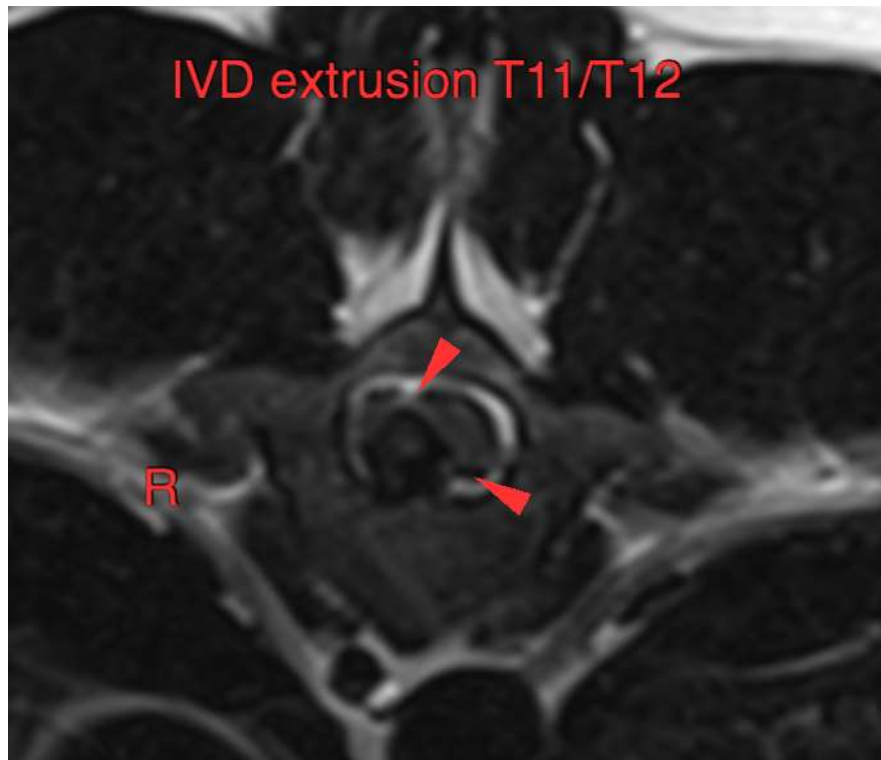
Ravinder Atwal, DVM,
CCRP

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PATIENT

Lucas Manzon

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

Canine

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.

BREED

Pit Bull Mix

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~3 Years

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