



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT**  
Pierre Morano

**SPECIES**  
Canine

**BREED**  
French Bulldog

**SEX**  
MN

**AGE**  
3 Years, 6 Months

**INTERPRETED BY**  
Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**  
South Bay Animal  
Hospital + Emergency

**REFERRING VET**  
Filippo Adamo,  
DECVN

**INVOICE**  
52296

**DATE**  
6-3-22

Patient presents as a transfer for neurological examination, imaging +/- surgery. Acute onset paraparesis. CP deficits & motor deficits to the pelvic limbs. Noticeably weak in the pelvic limbs. Able to stand when stationary, but will immediately drop in the pelvic limbs. Was hospitalized at another ER with a urinary catheter in place. Previously on Prednisone and Gabapentin for presumed thoracolumbar IVDD from pDVM and prior ER. Abnormal PE/Chem/CBC/UA Results: WNL

**MAGNETIC RESONANCE IMAGING OF THE THORACIC & LUMBAR SPINE**

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

**MAGNETIC RESONANCE IMAGING FINDINGS**

L1 presents with a broad based rib in the right aspect and transverse process in the left aspect.

Level with the intervertebral disc space L2/L3, hypointense disc material is bulging into the vertebral canal, mildly accentuated on the right side. The protruding disc material is occupying approximately 65% of the cross-sectional area of the vertebral canal at the same level. The spinal cord level L2/L3 is deviated dorsally and distorted.

The intervertebral discs T2/T3 to T7/T8, T11/T12 to T13/L1, L4/L5 and L5/L6 are mildly protruding into the vertebral canal, distorting the ventral epidural space.

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

**MAGNETIC RESONANCE IMAGING DIAGNOSIS**

- Intervertebral disc protrusion L2/L3 with compressive myelopathy
- Multifocal mild intervertebral disc protrusions along the thoracic & lumbar spine without compressive myelopathy
- Generalized degenerative disc disease along the thoracic and lumbar spine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The findings are consistent with significant intervertebral disc protrusion L2/L3 with marked spinal cord compression – suspect acute on chronic process. Surgical decompression is considered as the therapy of choice; the material is mildly accentuated in the right ventral aspect of the vertebral canal and a right sided approach appears beneficial. Be aware of the thoracolumbar transitional vertebra – L1 presents with a short rib on the right side.



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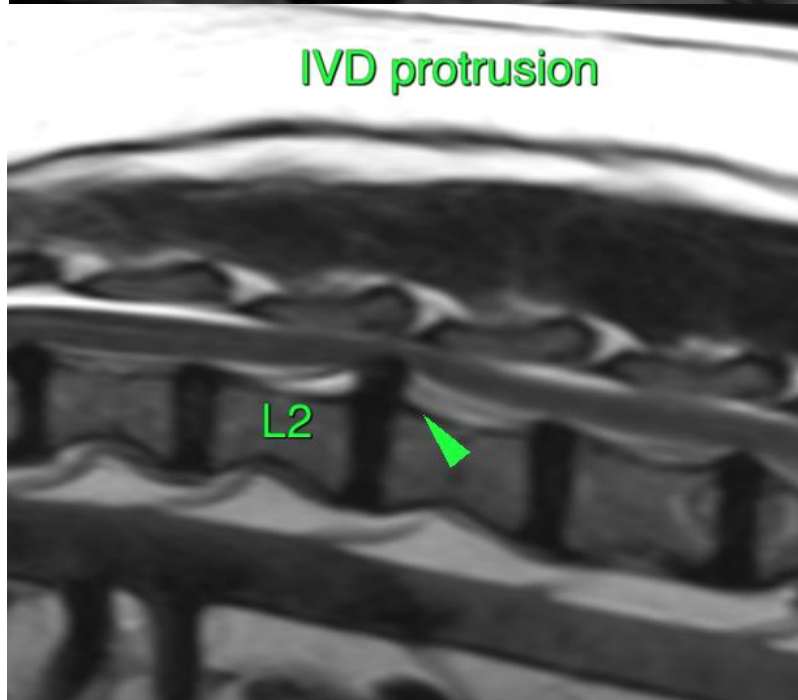
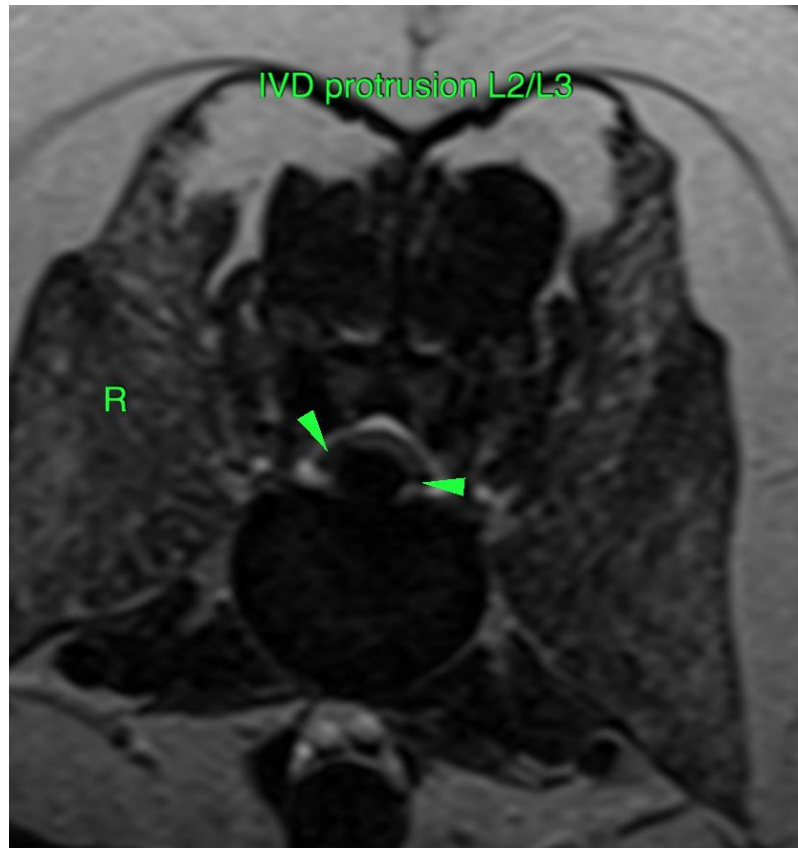
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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French Bulldog

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

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