



**PATIENT PRESENTING CLINICAL SIGNS**

Apolo Silva Acute onset of rear paralysis, Patient referred for CT Scan

**COMPUTED TOMOGRAPHY OF THE THORACIC & LUMBAR SPINE**

**SPECIES** A plain CT study of the thoracic & lumbar spine in a bone and soft tissue reconstruction are provided for review.

Canine

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED** THE LAST RIB BEARING VERTEBRA IS COUNTED AS T13.

French Bulldog T5 to T12 present as hemivertebra and multifocal spondylosis formation is appreciated along the thoracic spine.

**SEX** The intervertebral disc space L1/L2 is narrowed. Level with the intervertebral disc space L1/L2, mild hyperattenuating material is seen in the right lateroventral aspect of the vertebral canal, occupying approximately up to 20% of the cross-sectional area of the vertebral canal at the same level. The hyperattenuating material is extending cranially up to the level of the cranial third of the vertebral body of tL1 and caudally up to the level of the caudal third of the vertebral body of L2. The dural tube level L1/L2 is deviated to the left and dorsally and is distorted.

Male

**AGE** Level with the intervertebral disc space L3/L4, L4/L5 mineralized disc material is mildly bulging into the vertebral canal, distorting the ventral epidural space at the same level.

3

**INTERPRETED BY**

The sacrum presents with a hemivertebra conformation with incomplete fusion of the vertebral bodies.

The lumbosacral intervertebral disc is protruding into the vertebral canal, occupying approximately 70% of the cross-sectional area of the vertebral canal at the same level. The vertebral endplates of the lumbosacral junction present moderate spondylosis formation.

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Juana Diaz Animal  
Hospital

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Intervertebral disc extrusion L1/L2 with compressive myelopathy
- Degenerative lumbosacral stenosis with compression of the cauda equina fibers
- Multiple hemivertebra along the thoracic spine and the sacrum
- Spondylosis deformans

**REFERRING VET**

Jose Rivera

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The intervertebral disc extrusion L1/L2 is a plausible explanation for the presenting clinical signs. Depending on the degree of neurological deficits and if deep pain is maintained, surgical decompression ± durotomy is considered beneficial.

**INVOICE**

59025

**DATE**

6-27-23



**PATIENT**

Apolo Silva

**SPECIES**

Canine

**BREED**

French Bulldog

**SEX**

Male

**AGE**

3

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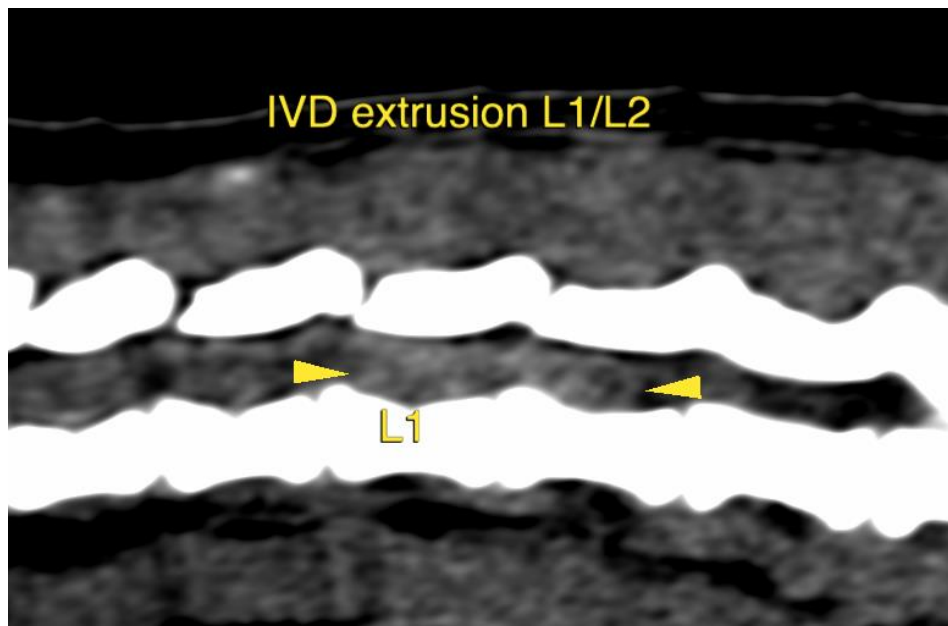
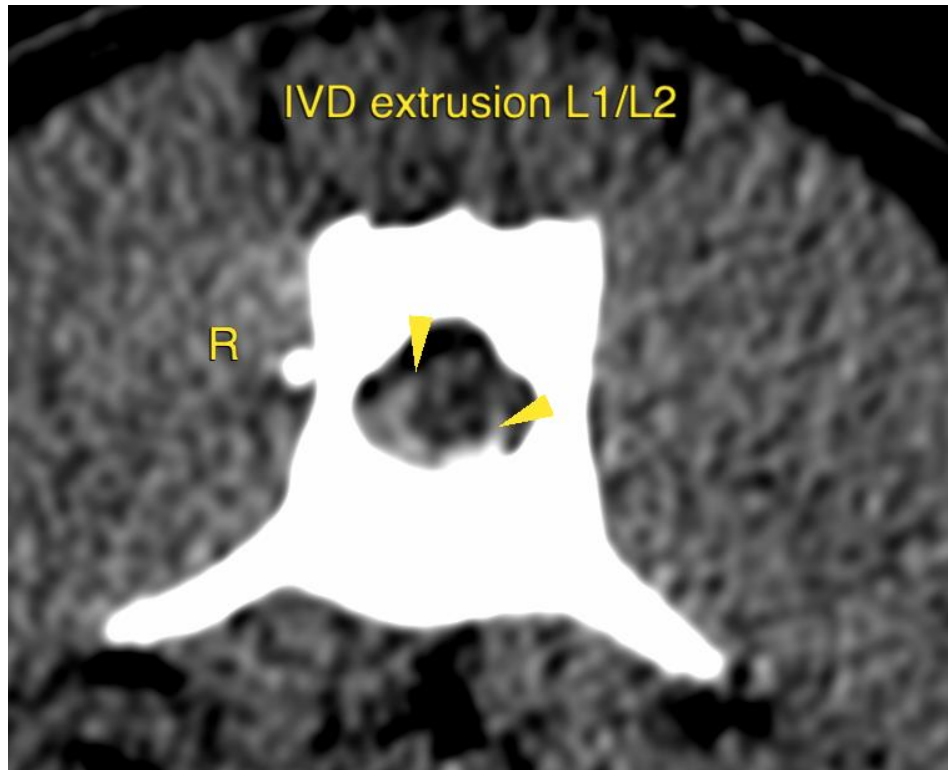
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**PATIENT**

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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.

**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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
[info@sonopath.com](mailto:info@sonopath.com)

**BREED**

French Bulldog

**SEX**

Male

**AGE**

3

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