



PATIENT

Liam Dalto

SPECIES

Bernadoodle

BREED

Canine

SEX

Neutered Male

AGE

4

WEIGHT

26.7

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging

IMAGING PERFORMED BY

David

HOSPITAL NAME

ASC Oceanside

REFERRING VET

Dr. Inferuso

INVOICE

36779

DATE

4/23/26

PRESENTING CLINICAL SIGNS

History: lumbar pain, no neuro deficits. left hind limb lifting limb.

COMPUTED TOMOGRAPHIC STUDY OF THE THORACIC & LUMBAR SPINE

The lumbosacral transition shows marked degeneration of the end plates, especially the cranial end plate of S1, with increased sclerosis and erosive changes of the subchondral bone surface. The intervertebral disc space appears reduced in height and presents small gas pockets with a severe protrusion of the disc. The latter leads to severe, medial and broad-based compression of the equine cauda.

Another mildly erosive finding is recognized in the cranial end plate of L1 without compressive signs. The spinal canal and intervertebral disc at this level are respected and inconspicuous. There is no evidence of another compressive lesion.

The paraspinal soft tissues present marked fat storage in the subcutaneous, interfascial and intermuscular regions. The displayed parts of the abdomen are unremarkable.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severe disc protrusion L7-S1 with equine cauda compression and marked degeneration of the end plates
- Mild degenerative findings cranial end plate L1
- Marked obesity

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings can explain the reported patient's history. At the level of L7-S1 compression of the equine cauda is suspected due to severe protrusion of the disc L7-S1. The erosive and sclerotic findings of the end plates and the lesion of the disc are consistent with degenerative findings due to chronic osteochondrosis/spondylitis. Chronic instability of the lumbosacral transition is possible.

Other compressive or intermedullary changes as seen with HNPE- or FCE- lesions cannot be fully excluded at other locations. These are additionally possible.



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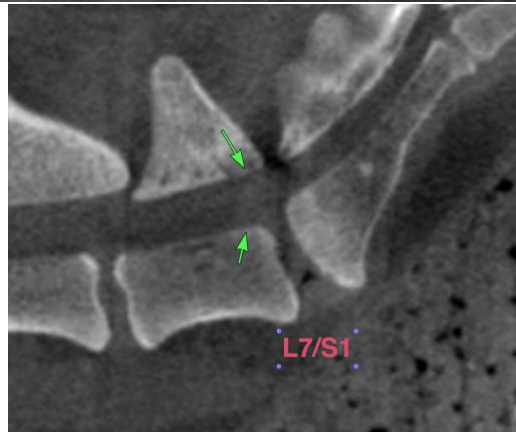
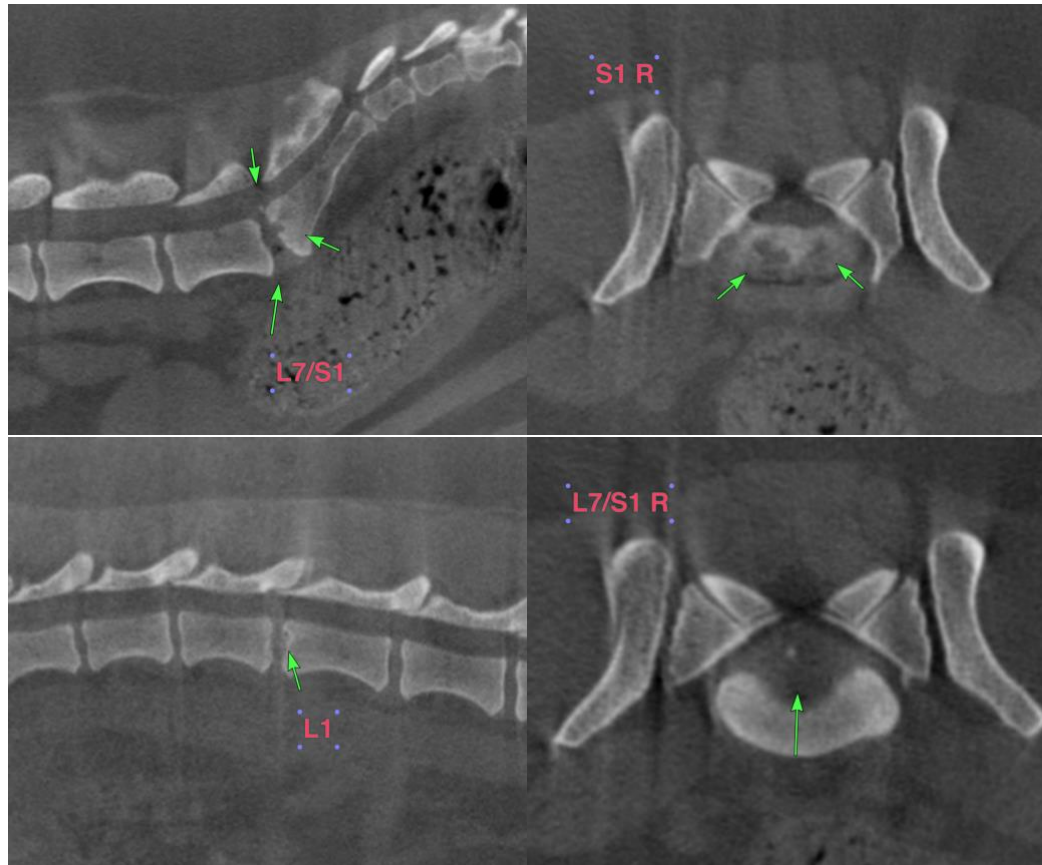
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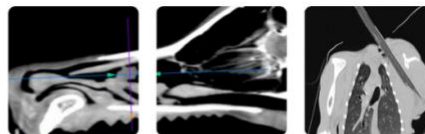
DATE

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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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