



PATIENT

Adrian Cotto

SPECIES

Canine

BREED

Miniature Schnauzer

SEX

NM

AGE

11Y

WEIGHT

15lbs

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Alondra Aviles Lopez
VT

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

Dr. Juan Font

INVOICE

72628

DATE

11-13-25

PRESENTING CLINICAL SIGNS

Patient presented for spine study due to episodes of back spasms, pain, discomfort, pacing and panting every two hours approximately. Current tx: Gabapentin, Galliprant, Methocarbamol with no to minimal improvement.

Abnormal PE/Chem/CBC/UA Results: OCT 31,2025 CBC: MONO 1.35 (0.16 -1.12) EOS 2.18 (0.06-1.23) PCT 0.47% (0.14-0.46) CHEM: ALKP 399 (23-212) AMYL 445 (500-1500) NOV 6,2025 CBC: WNL CHEM: ALKP 855 (23-212) NOV 10,2025 CBC: HGB 12.4 (13.1-20.5) MCH 19.7 (21.2-25.9) MCHC 30.0 (32.0-37.9) U/A: SG: 1.015 PH: 6.5 Protein: 30mg/dl

COMPUTED TOMOGRAPHY OF THE CERVICAL, THORACIC AND LUMBAR SPINE

A high resolution pre- and post-contrast CT study of the entire spine is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The intervertebral disc spaces C2/C3 to C6/C7 are moderately narrowed and the respective intervertebral discs are protruding into the vertebral canal, occupying approximately $\leq 15\%$ of the cross-sectional area of the vertebral canal at the same level. The subchondral bone of the vertebral endplates C3/C4 present moderate sclerosis and ventral spondylosis formation.

The intervertebral disc space T13/L1 is collapsed and at the same level mild hyperattenuating material is protruding into the vertebral canal, occupying approximately 25% of the cross-sectional area of the vertebral canal at the same level. The dural tube level T13/L1 is displaced dorsally and distorted. The vertebral endplates T13/L1 present mild spondylosis formation.

The remainder of the osseous and soft tissue structures of the thoracic and lumbar spine are within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Intervertebral disc protrusion T13/L1 with compressive myelopathy, L>R
- Intervertebral disc protrusion C2/C3 to C6/C7 without compressive myelopathy
- Chronic osseous remodeling vertebral endplates C3/C4
- Spondylosis deformans

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The intervertebral disc protrusion T13/L1 is a potential cause for the intermittent spinal pain. An acute exacerbation of a chronic condition may have contributed to the recent development of clinical signs.



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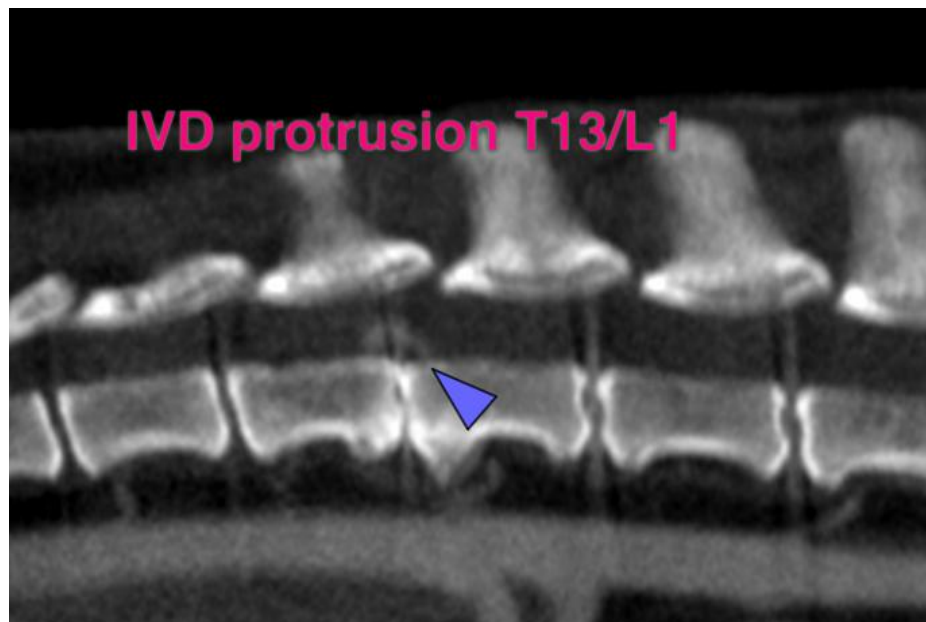
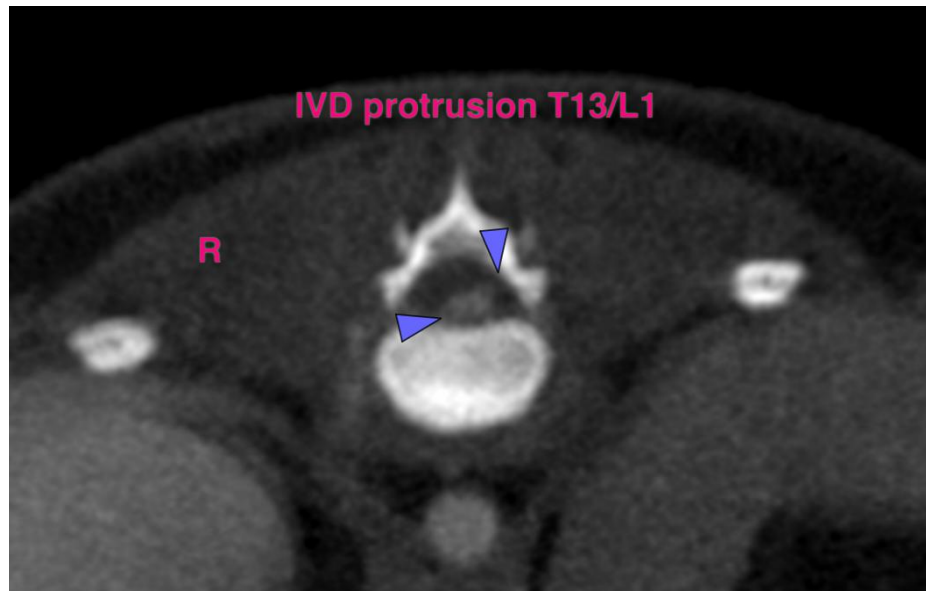
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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