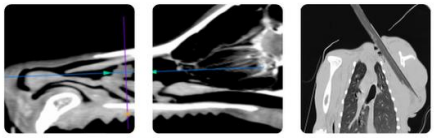

PATIENT

Lola Sanz Castro

SPECIES

Canine

BREED

French Bulldog

SEX

Female

AGE

3Y

WEIGHT

30

INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Armando Sobrado

HOSPITAL NAME

Miami Springs Animal Hospital

REFERRING VET

Andres Perez

INVOICE

73524

DATE

1-29-26

PRESENTING CLINICAL SIGNS

History:

- Paresis/Paralysis
- Trouble standing up from the back legs and shaking.

COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL, THORACIC AND LUMBAR SPINE

A pre- and post-contrast computed tomographic examination of the cervical, thoracic, and lumbar spine was provided for review. Three series were obtained, including one pre-contrast and two post-contrast acquisitions. Images were reconstructed in the transverse plane using bone and soft tissue algorithms.

COMPUTED TOMOGRAPHIC FINDINGS

SPINE

Normal number of vertebral bodies is present (C1–C7, T1–T13, L1–L7, sacrum, and caudal vertebrae).

Vertebral alignment is normal throughout the cervical, thoracic, and lumbar spine.

At the L3–L4 and L4–L5 intervertebral levels, particularly in the region of the L4 vertebral body, there is a moderate amount of slightly hyperattenuating extradural material located predominantly on the left side of the vertebral canal, resulting in moderate spinal cord compression. The L4–L5 intervertebral disc space is minimally narrowed.

At the T12–T13 level, there is a mild amount of slightly hyperattenuating extradural material within the vertebral canal, causing mild spinal cord compression.

At the L7–S1 level, there is a mild amount of slightly hyperattenuating material within the vertebral canal, associated with mild nerve root impingement.

Multiple small in situ mineralized foci are observed within several intervertebral disc spaces along the spine.

Vertebral bodies show homogeneous osseous attenuation, smooth cortical margins, and normal size and shape.

The paraspinal musculature is symmetric, with normal volume and attenuation.

The collimated portions of the thorax and abdomen are unremarkable.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- At the level of L3–L4 and L4–L5, moderate accumulation of slightly hyperattenuating extradural material, more pronounced on the left side, resulting in moderate spinal cord compression. Differential diagnoses include intervertebral disc herniation, with associated compressive myelopathy.

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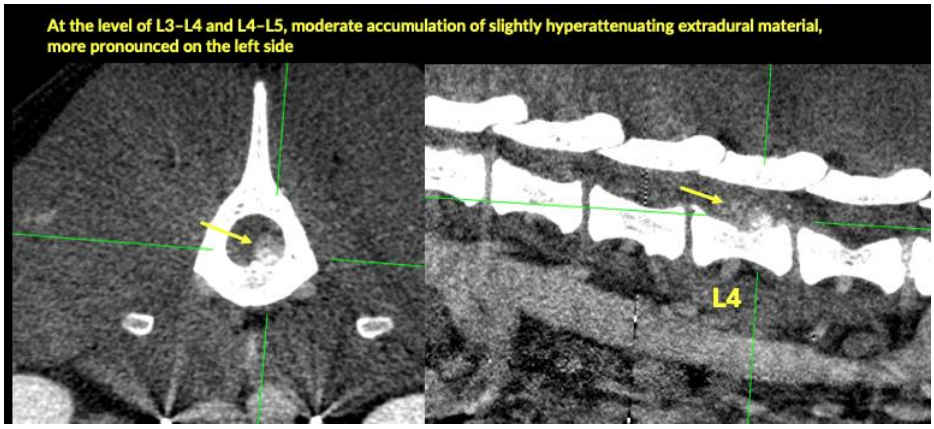
- At the level of T12–T13 and L7–S1, mild amounts of extradural hyperattenuating material causing mild spinal cord compression and/or nerve root impingement, compatible with mild disc herniation.
- Multifocal intervertebral disc mineralization, consistent with chondroid disc degeneration.

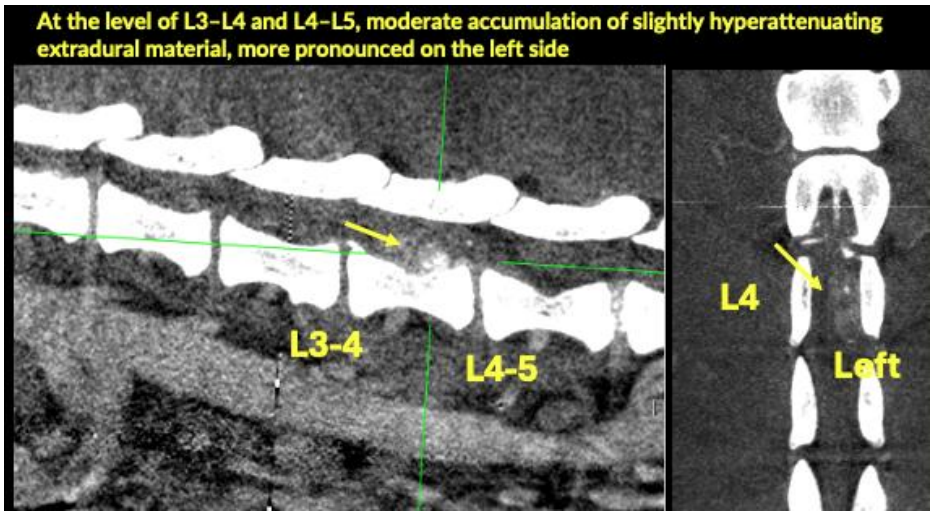
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This CT study identifies a multifocal extradural compressive disease, with the most clinically significant lesion at L3–L4 and L4–L5, where there is moderate left-sided extradural material causing moderate spinal cord compression, most consistent with intervertebral disc herniation and compressive myelopathy.

Additional mild extradural compressions are present at T12–T13 and L7–S1, with mild spinal cord and nerve root involvement.

Correlation with a complete neurological examination is recommended to assist in determining the most appropriate treatment approach.





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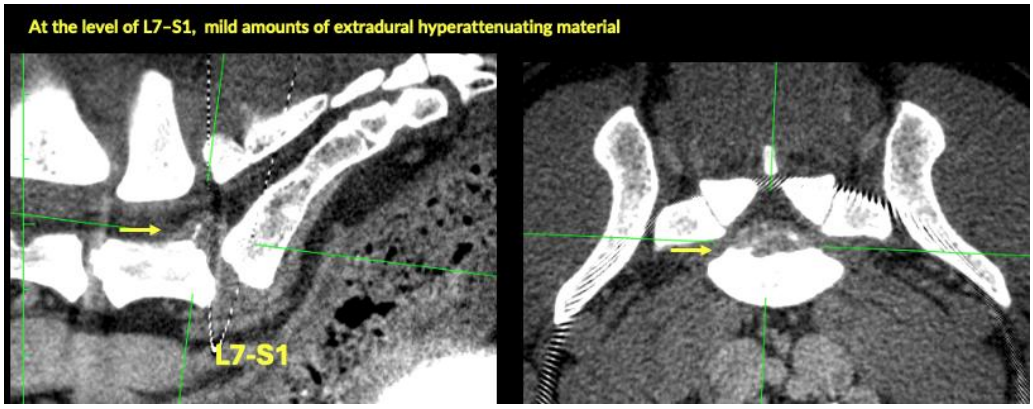

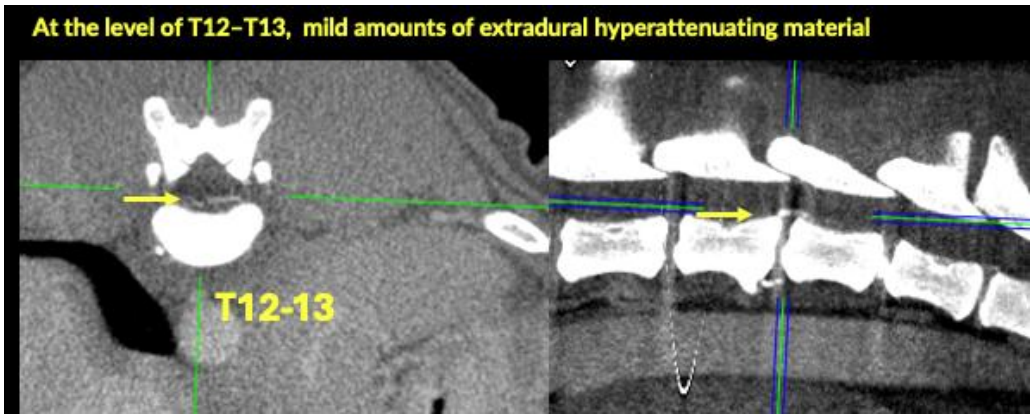

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com