



PATIENT

Tobby Montes

SPECIES

Canine

BREED

French Bulldog

SEX

NM

AGE

8Y

WEIGHT

30.2lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Jose L. Alvarado Bruno,
CVT - CT Scan
Technician

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

Franco Ortiz, DVM

INVOICE

75034

DATE

5-18-26

PRESENTING CLINICAL SIGNS

Tobby is a 7 year old neutered male french bulldog presented for ataxia of the hind limbs. There is a history of intervertebral disc disease and vertebral malformations. The owner plans to continue medical treatment with prednisone, famotidine and gabapentin.

PE: Neurological-CP deficits are present in both pelvic limbs. Deep pain sensation is intact in both pelvic limbs.

Abnormal PE/Chem/CBC/UA Results: CBC unremarkable Chem BUN mild decrease (4)

COMPUTED TOMOGRAPHIC STUDY OF THE SPINE

Pre- and post-contrast CT study of the spine was provided for review, comprising two series. Images were acquired in the transverse plane using bone algorithm.

COMPUTED TOMOGRAPHIC FINDINGS

Normal vertebral count (C1–C7, T1–T13, L1–L7, sacrum, and caudal vertebrae).

Bilateral extra numeral rudimentary lumbar ribs are present at L1.

Multiple thoracic hemivertebrae are identified at T4, T5, T6, T7, and T9, associated with mild regional kyphosis and scoliosis. The most pronounced vertebral canal deformity and mild subjective narrowing of the vertebral canal are located at T5–T6.

Multiple foci of mineral-attenuating extradural material are present along the ventral aspect of the vertebral canal at C3-4, T13–L1, L5–L6, and L7–S1, without significant spinal canal compression.

The sacrum and caudal vertebrae exhibit conformational abnormalities associated with multifocal spondylosis deformans.

Multifocal thoracic and lumbar mild incomplete bridging spondylosis deformans are present.

The paraspinal soft tissues are symmetric and within normal limits.

The right tympanic bulla contains mild soft tissue/fluid attenuation material with preserved osseous contour. The left tympanic bulla is air-filled and within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Multiple thoracic hemivertebrae at T4, T5, T6, T7, and T9 associated with mild regional kyphoscoliosis and mild focal vertebral canal narrowing, most pronounced at T5–T6.
- Multifocal mineralized extradural intervertebral disc foci material at C3-4, T13–L1, L5–L6, and L7–S1 without CT evidence of significant spinal cord compression.
- Multifocal mild thoracic and lumbar spondylosis deformans.
- Sacral and caudal vertebral conformational abnormalities.
- Mild right middle ear effusion.



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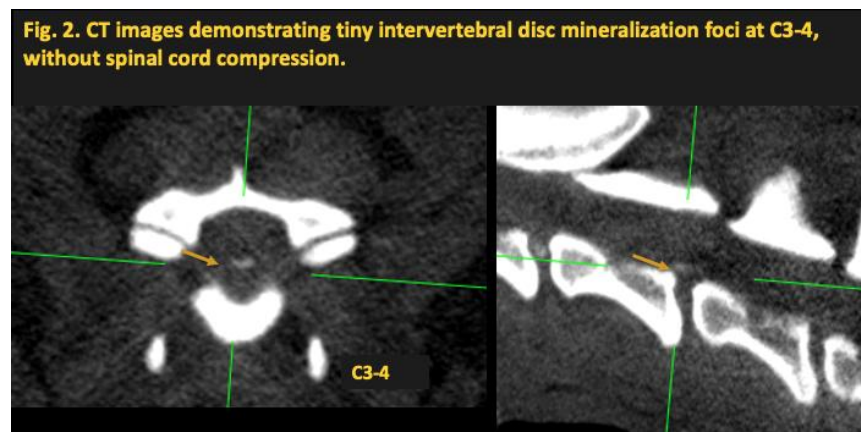
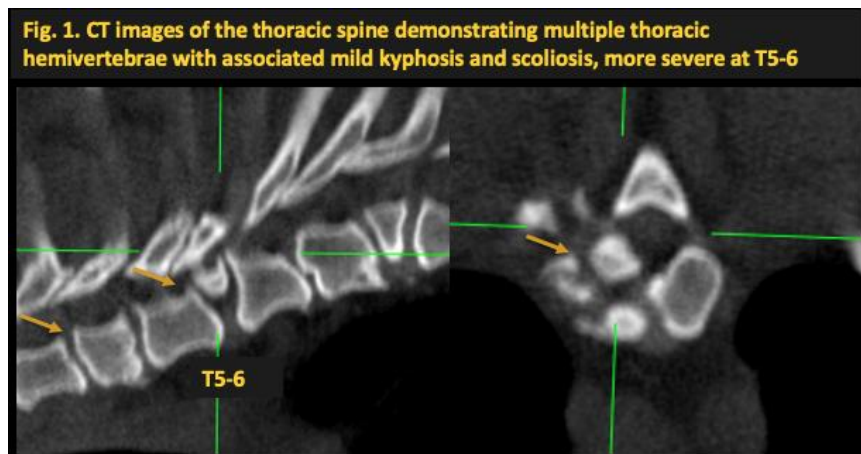
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Multifocal mineralized extradural disc foci material is present at C3-4, T13-L1, L5-L6, and L7-S1; however, spinal cord compression is not identified on this CT examination.

Computed tomography has limited sensitivity for evaluation of non-mineralized disc disease, spinal cord parenchymal abnormalities, inflammatory myelopathy, and chronic compressive spinal cord injury.

Multiple thoracic hemivertebrae at T4, T5, T6, T7, and T9 associated with mild regional kyphoscoliosis and mild focal vertebral canal narrowing, most pronounced at T5-T6.

Given the reported pelvic limb neurologic deficits, MRI is recommended for further spinal cord assessment, particularly if neurological signs worsen.





Teleradiology

Educational Teleconsultation Services™

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Fig. 3. CT images demonstrating tiny intervertebral disc mineralization foci at L7-S1, without spinal cord compression.

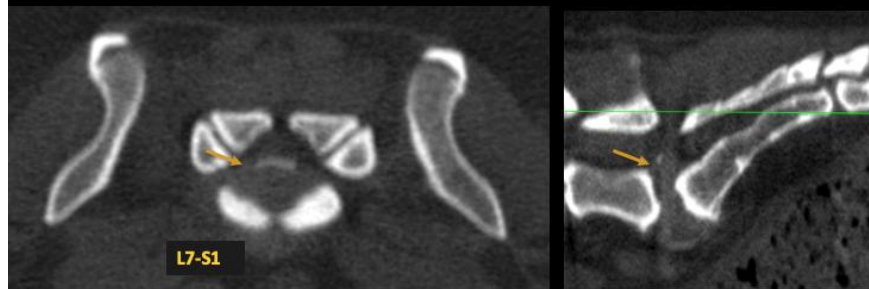
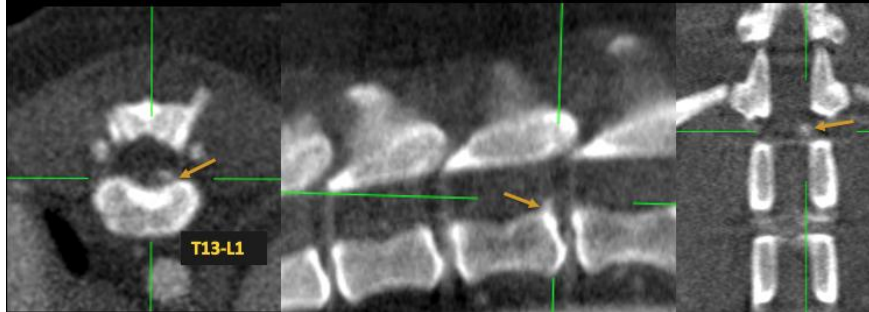


Fig. 4. CT images demonstrating tiny intervertebral disc mineralization foci at T13-L1 without spinal cord compression.



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.

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