



## PATIENT

Ruby Durand

## SPECIES

Canine

## BREED

French Bulldog

## SEX

F

## AGE

3Y

## WEIGHT

22.0lbs

## INTERPRETED BY

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

## IMAGING PERFORMED BY

José L. Alvarado Bruno,  
CVT - CT Scan Technician

## HOSPITAL NAME

Veterinary Image Center

## REFERRING VET

Dr. M. Davila, DVM

## INVOICE

74327

## DATE

3-24-26

## PRESENTING CLINICAL SIGNS

- Patient presented history of paraparesis since 1 month ago. Started physical therapy.

Abnormal PE/Chem/CBC/UA Results: CBC --- WBC mild increased (18.06), NEU mild increased (14.82), MONO mild increased (1.37), EOS mild decreased (0.01) and PLT moderate increased (669)  
CHEM --- BUN mild decreased (6), ALB mild decreased (2.2), ALKP mild decreased (14)

## COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL, THORACIC, & LUMBAR SPINE

Plain and post IV contrast studies are available for review.

## COMPUTED TOMOGRAPHIC FINDINGS

### Cervical Spine

The craniocervical junction presents within normal limits.

Anatomy and alignment of the cervical vertebrae are within normal limits.

The intervertebral disc spaces present multifocal disc mineralization with no significant protrusions or compressive lesions observed.

### Thoracic Spine

The vertebral count is 13 thoracic vertebrae.

Wedge shaped deformity at T7 is noted consistent with congenital malformation.

Multiple intervertebral disc spaces present mineralization.

### Lumbar Spine

The vertebral count is 8 lumbar vertebrae.

Mild chronic intervertebral disc protrusions are noted at L3/4, L4/5, and L5/6 with mineralization of multiple discs.

No compressive disc extrusions are observed.

The epidural space appears to be patent.

Mild degenerative changes of the vertebral bodies are seen with no evidence of lytic or proliferative lesions.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild chronic intervertebral disc disease with mild disc protrusions of L3-L6 and mineralization of multiple discs consistent with degenerative disc changes.
- Congenital vertebral malformation with hemivertebra T7.
- No acute compressive disc extrusion or fracture.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The chronic intervertebral disc changes and vertebral malformation may contribute to the paraparesis and mild neurologic deficits observed. Given the absence of compressive lesions, the clinical signs are



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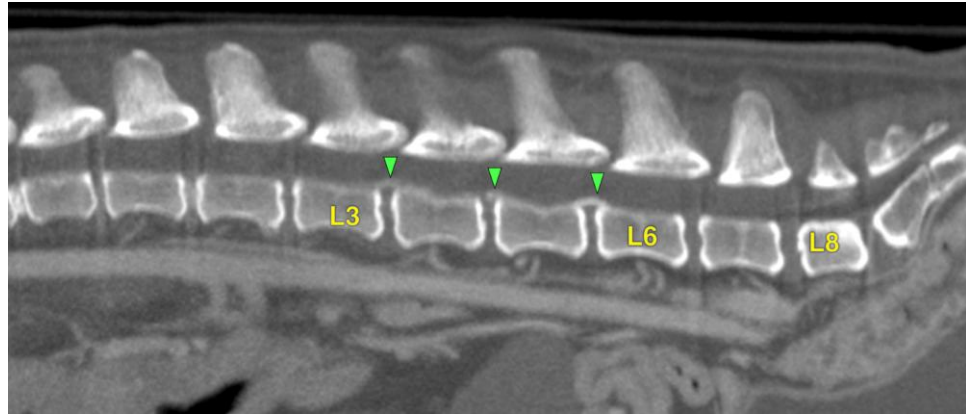
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likely due to chronic spinal cord stress, nerve root irritation, or secondary myelopathy. Mineralized discs and mild chronic protrusions are common in brachycephalic breeds and can cause intermittent neurologic signs. No surgical lesions identified. Continued monitoring and supportive therapy are recommended. MRI may be considered if paraparesis persists or progresses.



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.

**Nele Eley (Ondreka)**, DVM, Dr. med. vet., DipECVDI  
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