



**PATIENT PRESENTING CLINICAL SIGNS**

Helen Estevez Acute onset paraparesis on 7/14. Evaluated by neurologist and diagnosed with Thoracolumbar Myelopathy T3-L3

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORACOLUMBAR SPINE**

Canine Plain and post contrast studies of the thoracolumbar spine available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

French Bulldog

The intervertebral disc space T13/L1 is narrow. Extrusion of heterogeneously mineral attenuating intervertebral disc material into the ventral epidural space of the vertebral canal is noted. The material presents cranial migration over the entire length of T13 up until the caudal vertebral end plate of T12. The extrusion is situated in the ventral and right epidural space of the vertebral canal. Approximately 60% of the vertebral canal's cross sectional area are occupied by the extruded material at maximum which is over the vertebral body of T13. Moderate to severe leftward and dorsal deviation and compression of the spinal cord are noted.

**SEX**

Female Spayed

Moderate to severe lumbosacral intervertebral disc protrusion with focal mineralizations is seen as well as vertebral end plate sclerosis and spondylosis deformans.

**AGE**

5 Years

Multiple intervertebral discs present varying degrees of mineralization.

Mild and partially mineralized intervertebral disc protrusion is seen between L4 and L5.

**INTERPRETED BY**

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

There are congenital vertebral malformations in the thoracic spine with butterfly hemivertebrae at T5, T8, T9, T10, and T11.

Mild kyphosis and spondylosis deformans is present between T9 and T10.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**HOSPITAL NAME**

Mobile Pet Imaging

- Acute compressive intervertebral disc extrusion with cranial migration lateralized to the right side at T13/L1.
- Multifocal chondroid disc degeneration.
- Moderate to severe degenerative lumbosacral stenosis.
- Multiple congenital vertebral malformation within the thoracic spine with mild caudal thoracic kyphosis.
- Mild chronic protrusion L4/5.

**REFERRING VET**

Meaux

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

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The CT study reveals presumably acute moderately compressive disc extrusion at T13/L1. The extrusion is located in the ventral and right epidural space and presents cranial migration. Moderate to severe spinal cord compression is noted. Decompressive surgery could be considered, however, the duration of the clinical signs and its effect on the prognosis and clinical outcome need to be considered.

**DATE**

7-20-22



**PATIENT**

Helen Estevez

**SPECIES**

Canine

**BREED**

French Bulldog

**SEX**

Female Spayed

**AGE**

5 Years

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**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

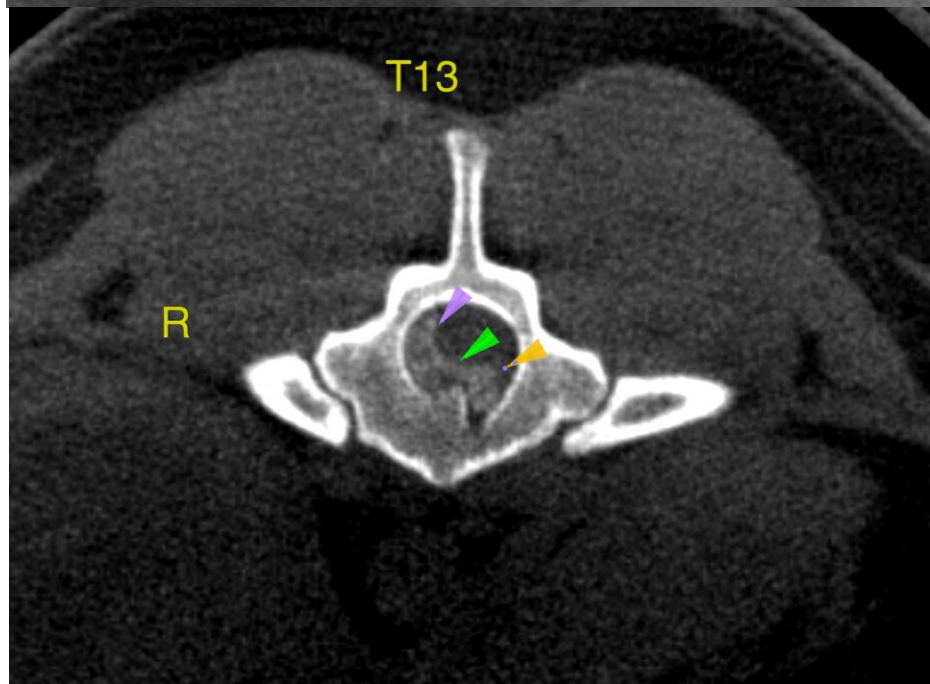
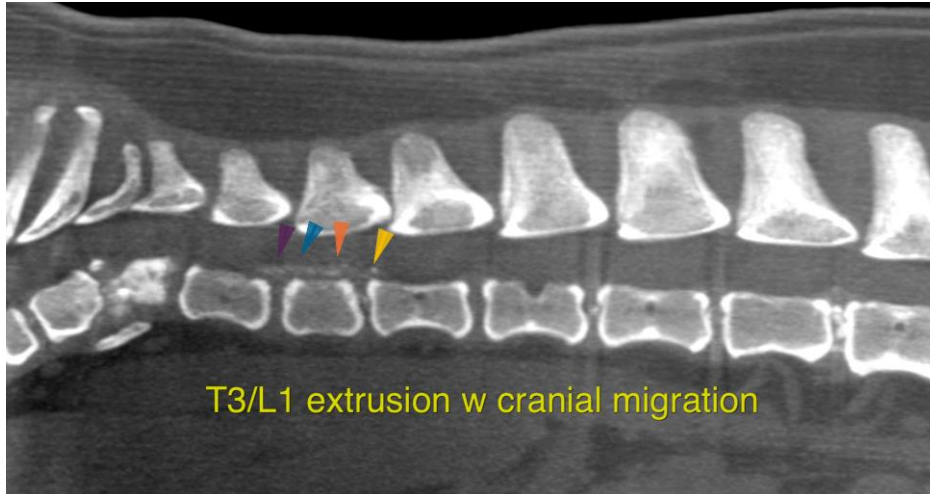
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**PATIENT** The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Helen Estevez

**SPECIES**

Canine

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.

**BREED**

French Bulldog

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

Female Spayed

**AGE**

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