


**PATIENT PRESENTING CLINICAL SIGNS**

Tori Vitale T3-L3 myelopathy, ataxia in the hind limbs. Spinal pain IVDD rule out normal cranial nerves, and front limbs.

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

Canine Plain study and myelogram with lumbar/lumbosacral puncture available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**
**BREED**

French Bulldog

Extensive epidural distribution of contrast media and stack fusion artifact are noted on the post-contrast study.

**SEX**

Female

The plain study reveals multiple congenital vertebral malformations within the thoracic spine at T5. T5 is a severely wedge-shaped hemivertebra. T7 is a severely wedge-shaped hemivertebra. T8 and T9 are short vertebrae. There is spondylosis deformans and intervertebral disc mineralization between T11 and T12.

**AGE**

3 Years 7 Months

The myelogram reveals mild dorsal deviation of the ventral contrast space level with T12/13, which is slightly towards the left of the midline. Mild dorsal deviation and compression of the spinal cord appear to be present. Multiple dorsal deviation of contrast media is seen throughout the lumbar spine, which is mainly attributable to the epidural contrast distribution. Multiple intervertebral discs within the lumbar spine present varying degrees of mineralization. There is mild lumbosacral intervertebral disc protrusion.

**INTERPRETED BY COMPUTED TOMOGRAPHIC DIAGNOSIS**

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

- Suspect intervertebral disc extrusion with mild spinal cord compression T12/13
- Multiple chondroid disc degenerations
- Spondylosis deformans T11/12
- Mild lumbosacral intervertebral disc protrusion
- Multiple congenital malformations within the mid thoracic spine from T5-T9 with mild vertebral canal stenosis

**HOSPITAL NAME**

Animal Surgical  
 Center

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The main finding appears to be the presence of mild extradural material within the ventral epidural space to the left of the midline between T12 and 13, which supports the presence of acute mildly compressive intervertebral disc extrusion at T12/13. The degree of spinal cord compression appears to be mild and does not prompt an absolute indication for surgical decompression.

**REFERRING VET**

Liberty Animal Clinic

The serial congenital vertebral malformation within the mid thoracic spine from T5-T9 causes only mild vertebral canal stenosis with no evidence of spinal cord compression.

**INVOICE**

43187

**DATE**

12/1/22



**PATIENT**

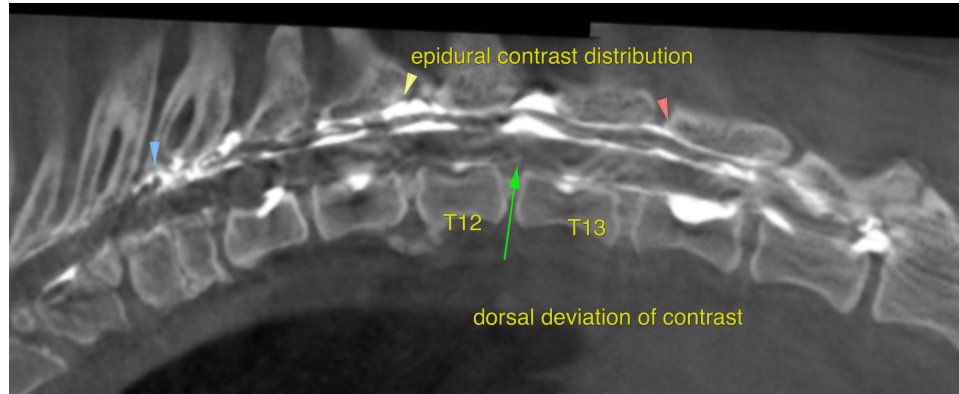
Tori Vitale

**SPECIES**

Canine

**BREED**

French Bulldog



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.

**SEX**

Female

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.

**AGE**

3 Years 7 Months

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

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