



**PATIENT**

Durotan Turgeon

**SPECIES**

Canine

**BREED**

Terrier Mix

**SEX**

MN

**AGE**

5 Years, 2 Days

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

South Bay Animal  
Hospital

**REFERRING VET**

Ravinder Atwal, DVM,  
CCRP

**INVOICE**

48021

**DATE**

10-26-21

**PRESENTING CLINICAL SIGNS**

Patient presented for a second opinion due to potential IVDD diagnosed at another ER and patient's clinical signs did not respond to Grapiprant and crate confinement. Diminished CP on bilateral pelvic limbs, deep pain perception present on both hind limbs. Patient started on Amantadine, Gabapentin & Prednisone.  
Abnormal PE/Chem/CBC/UA Results: NSF

**MAGNETIC RESONANCE IMAGING STUDY OF THE THORACOLUMBAR SPINE**

T2-weighted, T1-weighted, STIR, post-gadolinium T1-weighted sequences available for review.

**MAGNETIC RESONANCE IMAGING FINDINGS**

The patient has 7 normally shaped lumbar vertebrae.

Moderate intervertebral disc space collapse and loss of the nucleus pulposus signal of the intervertebral disc T12/13 is seen. There is extrusion of well delineated hypointense material into the ventral epidural space over the T13 vertebra. Severe dorsal deviation and compression of the spinal cord is seen. The bulk of the material is situated over the cranial half of the vertebral body of T13 and extends even further caudally. Approximately 70% of the vertebral canal's cross sectional area are occupied.

Reduced nucleus pulposus signal is present for all discs within the thoracolumbar spine.

No other site of compressive myelopathy is seen.

A mild amount of hypointense material is present within the gallbladder.

**MAGNETIC RESONANCE IMAGING DIAGNOSIS**

- Severely compressive intervertebral disc extrusion T12/13 with caudal migration and compression of the spinal cord over T13.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The MRI findings are consistent with intervertebral disc extrusion within the caudal thoracic spine at T12/13. The extruded material presents caudal migration and is well organized in appearance which may mean that the extrusion is not necessarily very acute. Severe compression of the spinal cord is noted and depending on the severity and duration of the clinical signs, decompressive surgery could be considered.



**PATIENT**

Durotan Turgeon

**SPECIES**

Canine

**BREED**

Terrier Mix

**SEX**

MN

**AGE**

5 Years, 2 Days

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

South Bay Animal  
Hospital

**REFERRING VET**

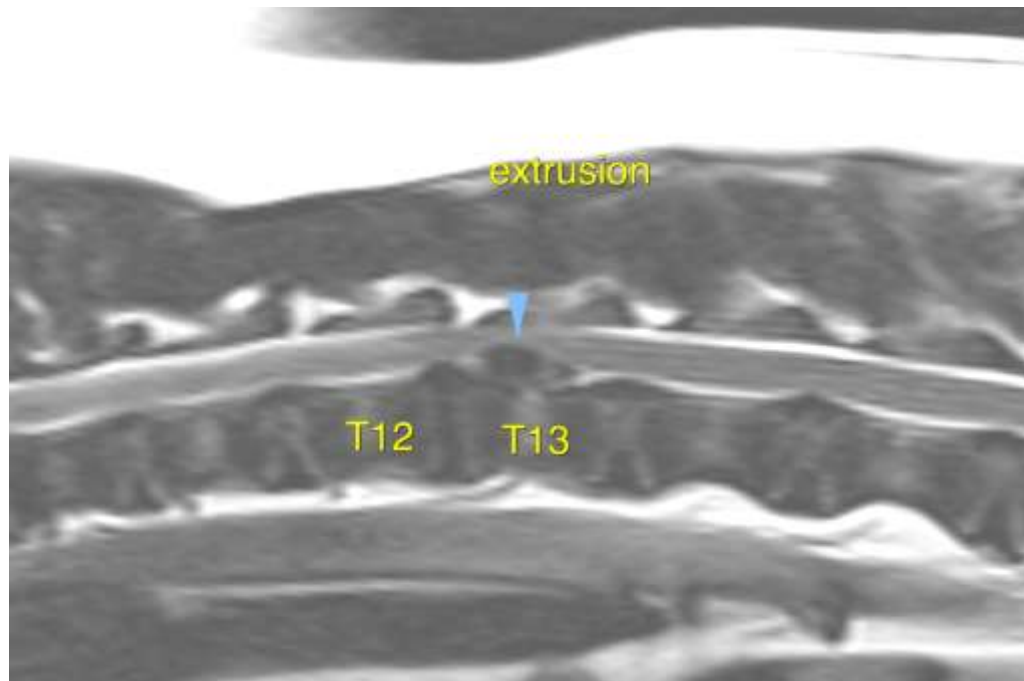
Ravinder Atwal, DVM,  
CCRP

**INVOICE**

48021

**DATE**

10-26-21





**PATIENT**

Durotan Turgeon

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.

**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**

Terrier Mix

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com

**SEX**

MN

**AGE**

5 Years, 2 Days

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

South Bay Animal  
Hospital

**REFERRING VET**

Ravinder Atwal, DVM,  
CCRP

**INVOICE**

48021

**DATE**

10-26-21