



**PATIENT**

Tilly Tiller

**PRESENTING CLINICAL SIGNS**

Very sudden onset hind limb paresis, went outside fine this morning then came back dragging itself, pain over lumbar area on palpation. Neuro exam localises to T13 -L4 area

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE THORACOLUMBAR SPINE**

Plain and CT myelogram available for review. The myelogram is with lumbar puncture and includes the cervical spine from C2 onwards caudally.

**BREED**

Pug

**COMPUTED TOMOGRAPHIC FINDINGS**

Circumferential thinning of the subarachnoid contrast space is seen level with the 2<sup>nd</sup> lumbar vertebra. Focal extradural compression from a left ventrolateral aspect appears to be present level with the 2<sup>nd</sup> lumbar vertebra. The intervertebral disc space L2/3 presents mild collapse.

**SEX**

Female

The 8<sup>th</sup> thoracic vertebra is increased in height with mild step formation of the vertebral canal's floor. Mild intervertebral disc protrusions are seen between T7 and T8 and T8 and T9 with mild spondylosis between T8 and T9. Focal displacement of the ventral contrast space is noted here; however, the lateral and dorsal contrast spaces are maintained.

**AGE**

5 Years, 6 Months

Moderate wedge shaped intervertebral disc space narrowing is present within the deep cervical spine between C6 and C7 with moderate dorsal deviation and compression of the ventral contrast space by isointense extradural compression. However, the dorsal and lateral contrast spaces are maintained.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Suspect mild acute non-compressive nucleus pulposus extrusion within the cranial lumbar spine between L2 and L3 with mild spinal cord swelling level with L2.
- Congenital vertebral malformation T8 with mild vertebral canal stenosis and mild T7, T8, and T8/9 protrusions.
- Mild to moderate chronic intervertebral disc protrusion C6/7 with spondylosis deformans.

**HOSPITAL NAME**

Adelaide Plains  
Veterinary Surgery

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are highly suggestive for type 3/ low volume high impact extrusion with spinal cord edema within the cranial lumbar spine level with L2. No significant spinal cord compression is seen.

**REFERRING VET**

Emily Klopp

The remainder of the changes within the thoracic spine between T7/8, T8/9, and within the cervical spine between C6 and C7 display criteria of chronicity with mild and mild to moderate spinal compression, respectively.

**INVOICE**

48929

**DATE**

12-10-21



**PATIENT**

Tilly Tiller

**SPECIES**

Canine

**BREED**

Pug

**SEX**

Female

**AGE**

5 Years, 6 Months

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Adelaide Plains  
Veterinary Surgery

**REFERRING VET**

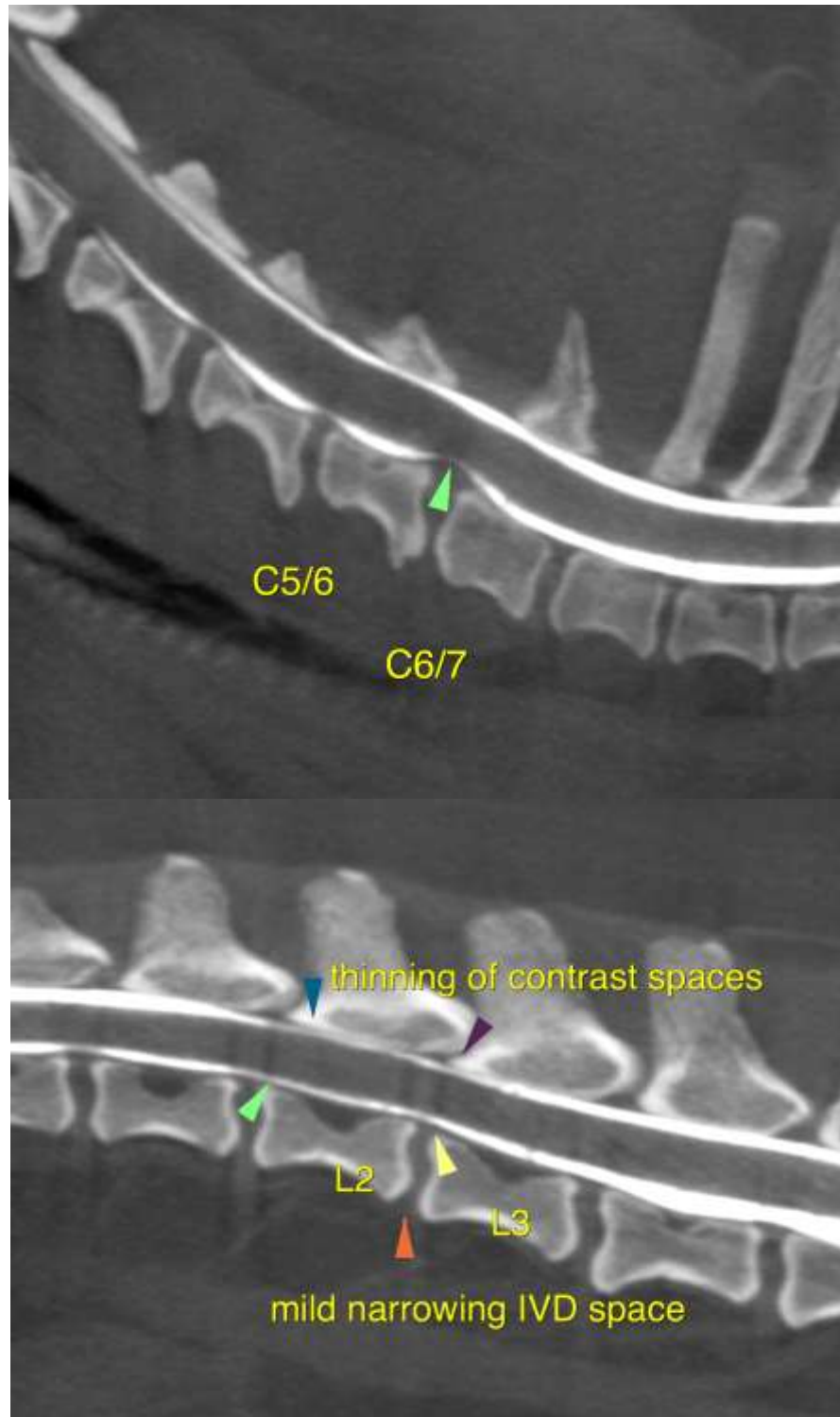
Emily Klopp

**INVOICE**

48929

**DATE**

12-10-21





**PATIENT**

Tilly Tiller

**SPECIES**

Canine

**BREED**

Pug

**SEX**

Female

**AGE**

5 Years, 6 Months

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Adelaide Plains  
Veterinary Surgery

**REFERRING VET**

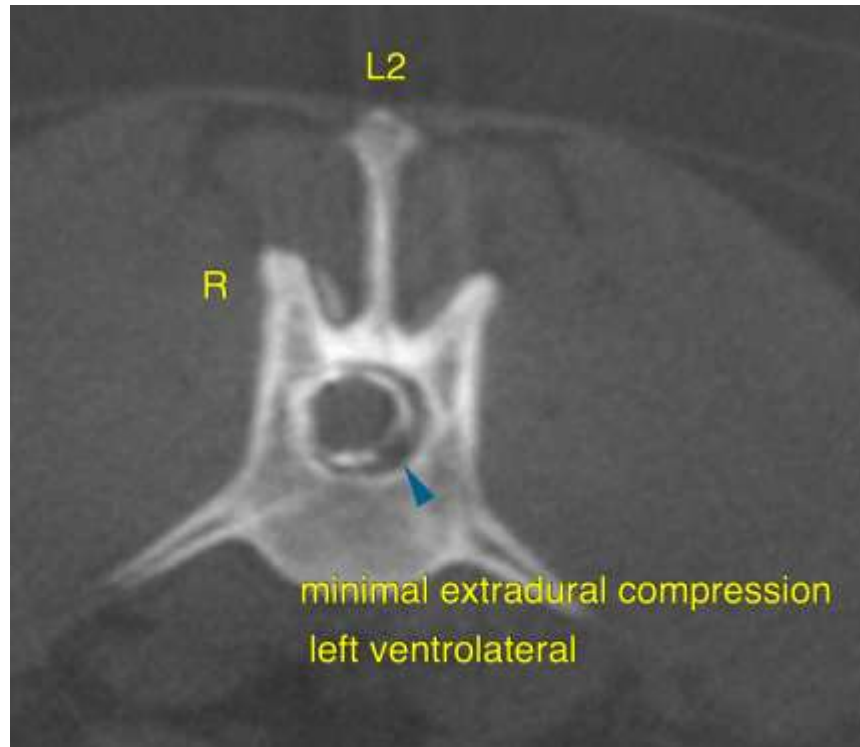
Emily Klopp

**INVOICE**

48929

**DATE**

12-10-21



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**, 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