



**PATIENT**

Duff Pratt

**PRESENTING CLINICAL SIGNS**

3yo Bernese Mtn dog insidious onset pelvic limb weakness and ataxia, then fecal in continence and most recently urinary incontinence. does not seem painful to owners at home. Reactive to firm palpation over mid to caudal thoracic vertebral column and lumbosacral region. Ambulatory with moderate paraparesis and proprioceptive ataxia; reduced withdrawal reflexes at the hock bilaterally, normal perineal reflex and anal tone, tail tone. CSF unremarkable.

**SPECIES**

Canine

**MAGNETIC RESONANCE IMAGING OF THE THORACIC & LUMBAR SPINE**

T2 & T1 (DIXON) pre- and post-gadolinium sequences in multiple imaging planes are provided for review.

**BREED**

Bernese Mountain Dog

**MAGNETIC RESONANCE IMAGING FINDINGS**

Level with the intervertebral disc space T9/T10, T13/L1 L6/L7 and L7/S1 hypointense disc material is mildly protruding into the vertebral canal, distorting the ventral epidural space at the same level.

**SEX**

MN

The spinal cord presents with an even diameter and signal behavior throughout.

Post contrast administration, no pathological distribution of the contrast media is appreciated.

**AGE**

3 Years

**MAGNETIC RESONANCE IMAGING DIAGNOSIS**

- Mild intervertebral disc protrusion T9/T10, T13/L1 L6/L7 and L7/S1 without compressive myelopathy

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The MR study of the thoracic & lumbar spine presents without macromorphological abnormalities, explaining the progressive neurological clinical signs. Degenerative myelopathy might be a consideration here and genetic testing might be used to check for SOD1-A/B mutation.

**HOSPITAL NAME**

Animal Health Partners

**REFERRING VET**

Dr. Stephanie Lovell

**INVOICE**

54444

**DATE**

10-5-22



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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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**BREED**

Bernese Mountain  
Dog

**SEX**

MN

**AGE**

3 Years

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