



PATIENT

Bruce Ali

PRESENTING CLINICAL SIGNS

Clinical signs were first noted during summer 2021 and include pelvic limb ataxia, loss of balance, falling over and pain. January 2021: possible cruciate ligament in the right. Not painful. Resolved. Abnormal PE/Chem/CBC/UA Results: ALKP = 11 U/L (23-212) CHOL = 0.98 mmol/L (2.84-8.26) CK = 1284 U/L (10-200) Na = 161 mmol/L (144-160) RBC = $4.13 \times 10^{12}/L$ (5.65-8.87) HCT = 27.2 % (37.3-61.7) HGB = 9.7 g/dL (13.1-20.5) chronic T3-L3 myelopathy, mild

SPECIES

Canine

MAGNETIC RESONANCE IMAGING STUDY OF THE THORACIC & LUMBAR SPINE

BREED

Cane Corso

T2, T2-fat saturated, T1-weighted plain and post contrast sequences in various image planes available for review.

SEX

MN

MAGNETIC RESONANCE IMAGING FINDINGS

Moderate protrusion of the lumbosacral intervertebral disc is seen with dorsal deviation of the cauda equina. There also is moderate hypertrophy of the ligamentum flavum. The protrusion is mildly shifted towards the left side within the ventral epidural space and causes moderate left sided and mild right sided neuroforaminal stenosis altogether with the ligamentum flavum hypertrophy.

AGE

7 Years

Juxta articular cysts of the lumbosacral facet joints are seen with no evidence of extension into the vertebral canal.

There also is moderate protrusion of the L6/7 intervertebral disc with hypertrophic spondyloarthropathy causing both dorsal and ventral vertebral canal stenosis level with L6/7.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Serial degenerative hypertrophic spondyloarthropathy is seen throughout the entire thoracic and lumbar spine with mild degree of hypertrophy in the thoracic and moderate degree of hypertrophy in the lumbar spine. On the post-contrast studies, active remodeling is indicated by increased contrast enhancement.

HOSPITAL NAME

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Severe spondylosis is seen at T13/L1 without concurrent disc protrusion. Moderate spondylosis is present at T9/10.

No other site of compressive or other structural myelopathy is noted.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

REFERRING VET

Dr. Marchal

- Moderate to severe degenerative lumbosacral stenosis with both dorsal and ventral narrowing of the vertebral canal level with L7/S1 and L6/7 due to disc protrusions and ligamentum flavum hypertrophy/hypertrophic spondyloarthropathy.
- Serial degenerative hypertrophic spondyloarthropathy throughout the thoracic and lumbar spine.
- Spondyloses T13/L1 and T9/10.

INVOICE

48091

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

10-28-21

The main finding appears to be the degenerative lumbosacral stenosis with moderate to severe vertebral canal stenosis level with L6/7 and L7/S1 as well as moderate left sided and mild right sided lumbosacral neuroforaminal stenosis.



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The changes of the facet joints and ligamentum flavum contribute to the stenosis in the lumbosacral region.

No significant vertebral canal narrowing is seen throughout the remainder of the thoracic and lumbar spine where also hypertrophic spondyloarthropathies are noted serially.

SPECIES

Canine

BREED

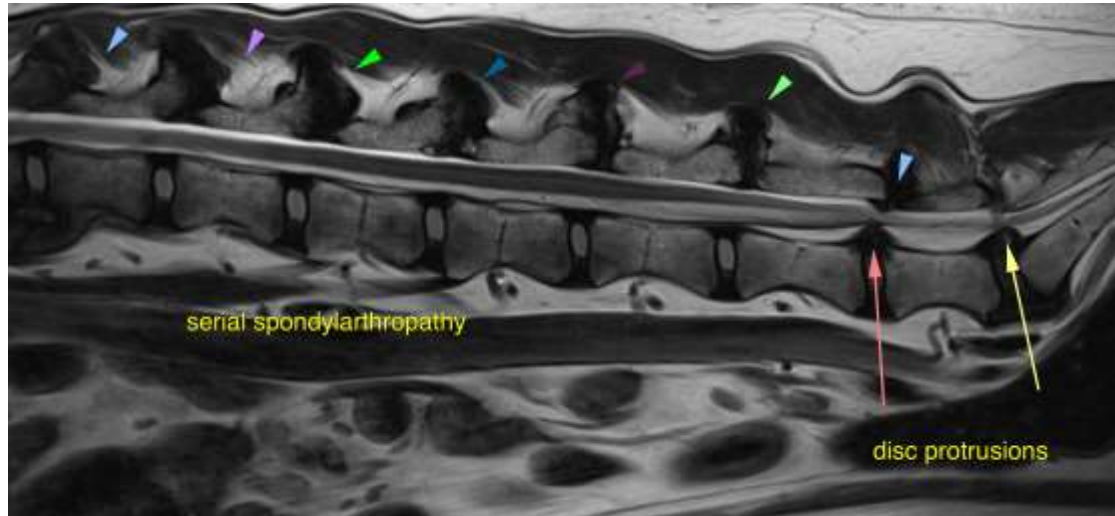
Cane Corso

SEX

MN

AGE

7 Years



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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.

HOSPITAL NAME

Animal Health
Partners

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REFERRING VET

Dr. Marchal

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