



PATIENT PRESENTING CLINICAL SIGNS

Boots Rathjen # month history of deterioration in mobility in hind legs. Has had pontosan course in late July. G2 Heart Murmur found recently - no signs, or coughing etc.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORACOLUMBAR SPINE

Canine Plain study and myelogram with lumbar puncture in soft tissue and bone windows available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Australian Cattle Dog Severe lumbosacral intervertebral disc protrusion is seen. The herniated disc material cannot be delineated against the cauda equina fibers and vice versa. Wedge shaped narrowing of the lumbosacral intervertebral disc space and ventralization of the sacrum are seen. There is moderate spondylosis deformans at the lumbosacral junction and multiple small vertebral end plate defects are seen, especially within the caudal vertebral end plate of L7.

SEX

Spayed Female Moderate L6/7 intervertebral disc protrusion is noted as well as serial mild intervertebral disc protrusion between T12/13, T13/L1, L1/2, L2/3, and L3/4.

AGE

10 Years Spondyloses are present between L3/4, L4/5, and T12/13.

Mild degenerative spondyloarthropathy is noted throughout the lumbar spine.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Concave vertebral end plate defects and deep medullary sclerosis is seen between T6 and T7.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspect multifocal discospondylitis of the lumbosacral junction, T12/13, and T6/7 with concurrent spondylitis.
- Severe lumbosacral disc protrusion.
- Moderate L6/7 intervertebral disc protrusion.
- Mild serial intervertebral disc protrusions in the thoracolumbar junction area and throughout the cranial to mid lumbar spine.
- Serial degenerative spondyloarthropathy in the caudal lumbar spine.

HOSPITAL NAME

Adelaide Plains
Veterinary Surgery

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

John Katakasi

Multiple degenerative changes are seen throughout the thoracic and lumbar spine with multiple mild to moderate chronic intervertebral disc protrusions.

INVOICE

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A severe intervertebral disc protrusion is present at the lumbosacral junction however the main finding appears to be the suspicion of multifocal discospondylitis which may involve the lumbosacral junction, T12/13, as well as T6/7 intervertebral disc spaces.

DATE

9-1-22

Screening for an infectious cause is recommended and the use of long term antimicrobial treatment could be considered.



PATIENT

Boots Rathjen

SPECIES

Canine

BREED

Australian Cattle Dog

SEX

Spayed Female

AGE

10 Years

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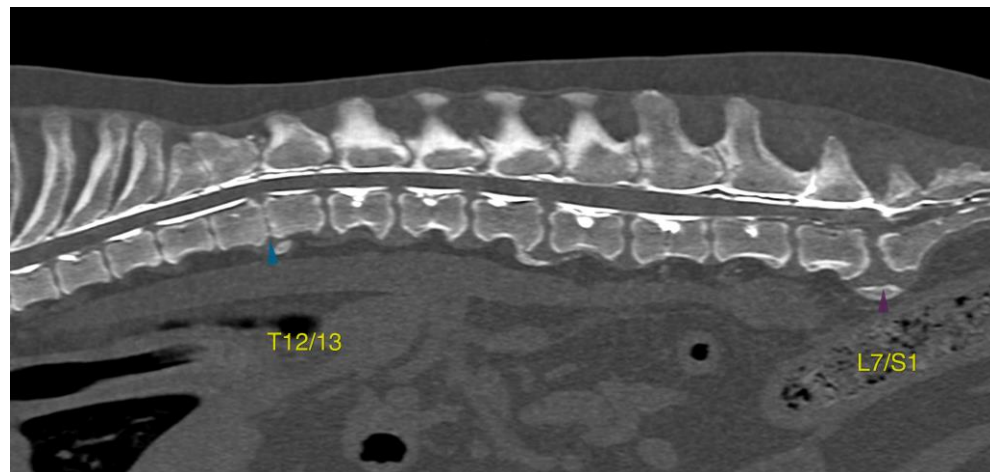
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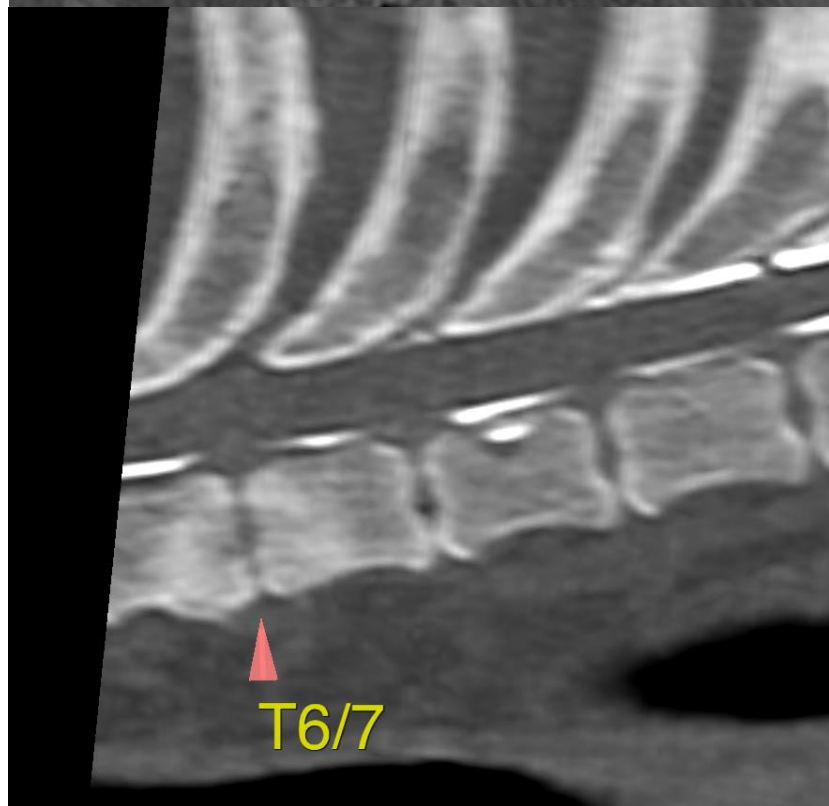
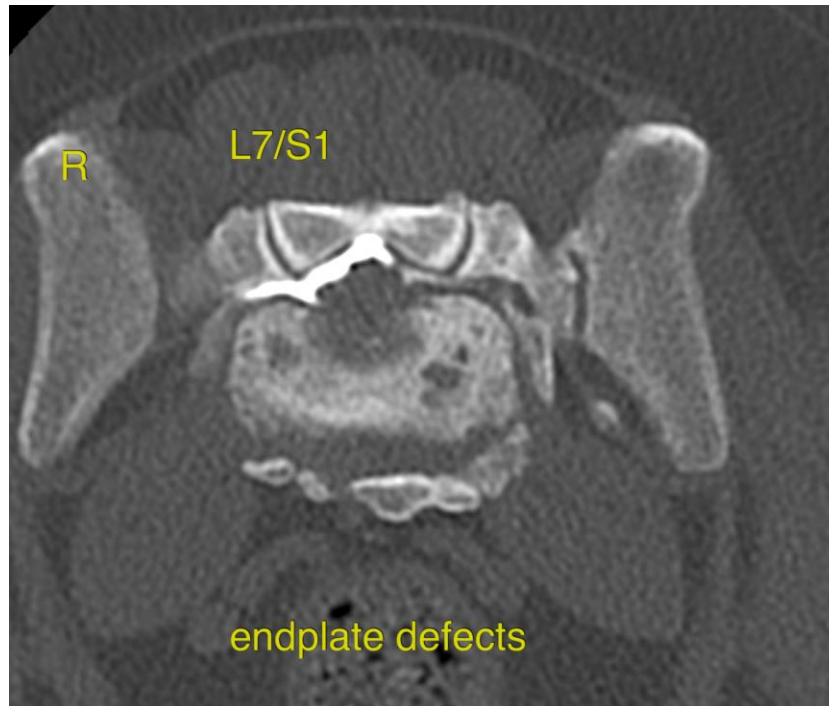
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

BREED

Australian Cattle Dog

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European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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SEX

Spayed Female

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10 Years

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