SonoPath Teleradiology

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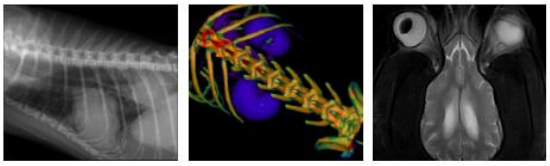

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Noodles Palmarini

SPECIES

Canine

BREED

Dachshund

SEX

Male Neutered

AGE

7 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Clinic of Queens

REFERRING VET

Dr. Mucera

INVOICE

51712

DATE

4-22-22

PRESENTING CLINICAL SIGNS

Hx of back pain, 3/27/22 presented for yelping, owners request @ CT of the spine to R/O any spine DZ.
Abnormal PE/Chem/CBC/UA Results: DDZ stage 2 BW 03/26/22 CHEM: Potassium: 5.6 (H). 3.6-5.5 CBC: RBC: 9.5 (H) 4.8- 9.3 Hemoglobin: 21 (H) 12.1-20.3 Platelet: 602 (H) 170-400

COMPUTED TOMOGRAPHIC STUDY OF THE SPINE

Plain and post IV contrast studies of the spine from C2 onwards available for review.

COMPUTED TOMOGRAPHIC FINDINGS

The L4/5 intervertebral disc space within the mid lumbar spine presents mild collapse. A mild amount of heterogeneously hyperattenuating intervertebral disc material is extruded into the vertebral canal and occupies the ventral epidural space to both sides right and left of the midline. Approximately 20% of the vertebral canal's cross sectional area is occupied by the extruded material. The material presents mild cranial migration over the length of L4.

A mild amount of heterogeneously hyperattenuating intervertebral disc material is extruded into the ventral epidural space at C6/7 within the caudal cervical spine. The material is mainly to the left of the midline within the ventral epidural space and mild left neuroforaminal extension. Approximately 15% of the vertebral canal's cross sectional area is occupied by the extruded material.

Multiple intervertebral discs reveal foci of mineralization.

Mild degenerative spondyloarthropathy is present at T10/11.

T11/12 presents a moderate ventrally bridging spondylosis deformans.

Spondyloses are also seen between L2 and L3, and L3 and L4.

The lumbosacral disc presents mild protrusion.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild intervertebral disc extrusions L4/5 and C6/7.
- Multiple chondroid disc degeneration.
- Spondyloses.
- Spondylarthroses T10/11
- Mild non-compressive lumbosacral intervertebral disc protrusion.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals two sites of intervertebral disc extrusion at L4/5 and C6/7. The degree of compressive myelopathy appears to be mild at both sites. Approximately 20% of the vertebral canal's cross sectional area are occupied at L4/5 and 15% at C6/7. Decompressive surgery is not necessarily indicated based on the visible volume of the extrusion in the CT study alone. However, clinical correlation is required.

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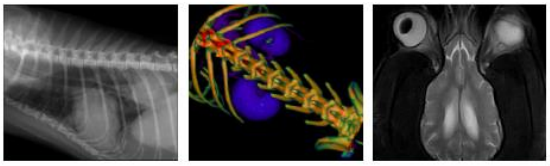

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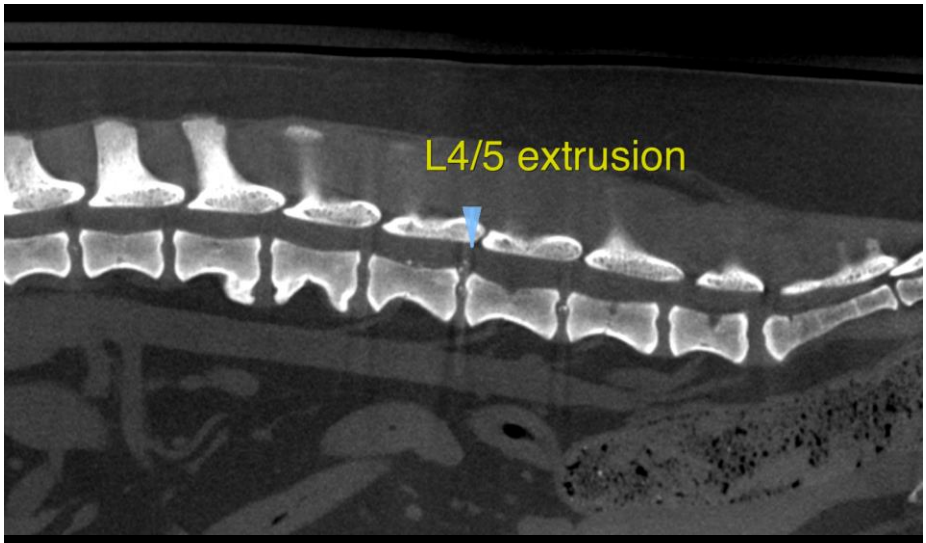

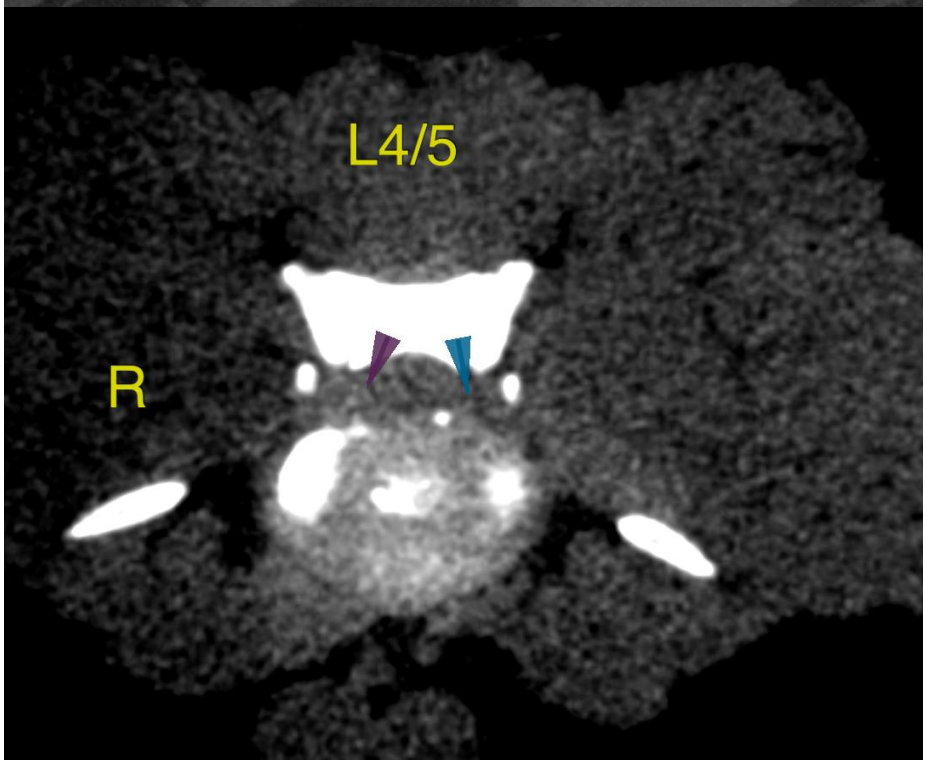

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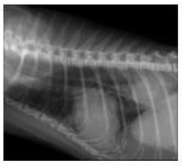
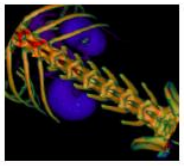
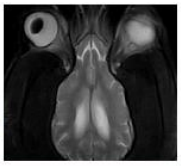

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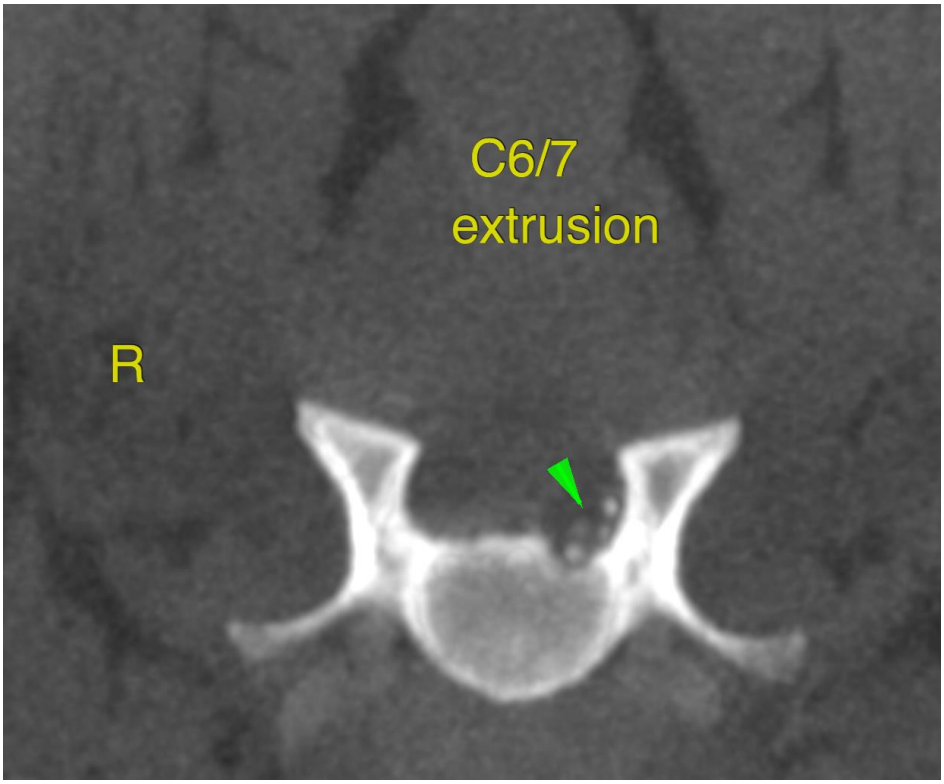

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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