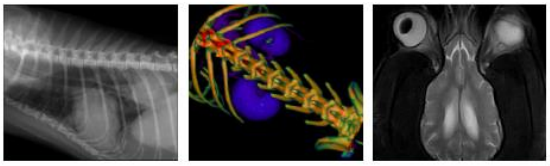
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



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

PATIENT

Holly Galarza

SPECIES

Canine

BREED

Shih Tzu

SEX

SF

AGE

2 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Veterinary Image Center

REFERRING VET

Dr. J. Colon, DVM

INVOICE

59690

DATE

8-14-23

PRESENTING CLINICAL SIGNS

Patient presents to the emergency room on 11/8/2023 due to constant tremors. Owners have no evidence of trauma. After physical examination and x-rays, the patient is sent home with an anti-inflammatory and Gabapentin. On 12/8/2023, the patient is completely ataxic of the hind limbs. Patient is currently on steroidal anti-inflammatory. Deep pain is not present. Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- unremarkable

COMPUTED TOMOGRAPHIC STUDY OF THE THORACOLUMBAR SPINE

Plain and post IV contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Extrusion of a large amount of heterogeneously mineral attenuating intervertebral disc material is seen within the lumbar spine level with L4 and L5. Cranial and left lateral migration of the extruded disc material is seen which occupies the left neuroforamen as well as up to 60% of the vertebral canal's cross sectional area level with the 4th lumbar vertebra. Moderate to severe rightward and dorsal deviation and compression of the spinal cord are seen.

Minimal intervertebral disc protrusion is noted in the caudal thoracic spine between T12 and T13. No overt spinal cord compression is seen at this level.

Multiple intervertebral discs present mineralization in terms of chondroid disc degeneration.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Acute severely compressive intervertebral disc extrusion L4/5 with left sided and cranial migration.
- Left sided neuroforaminal stenosis L4/5 secondary to the disc extrusion.
- Mild noncompressive T12/13 chronic intervertebral disc protrusion.
- Multifocal chondroid disc degeneration.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Severe spinal cord compression is noted within the lumbar spine level with L4 secondary to extrusion of the intervertebral disc L4/5. The extruded material presents cranial migration throughout the length of the 4th lumbar vertebra and is occupying the left neuroforamen L4/5. Surgical decompression could be considered based on the volume of the disc extrusion and spinal cord compression.

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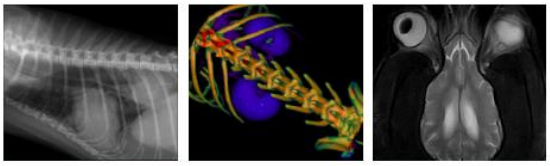

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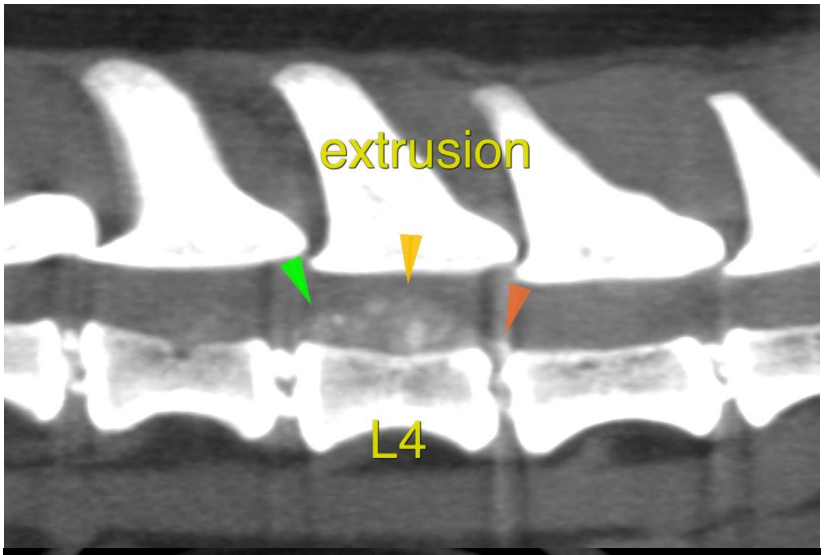

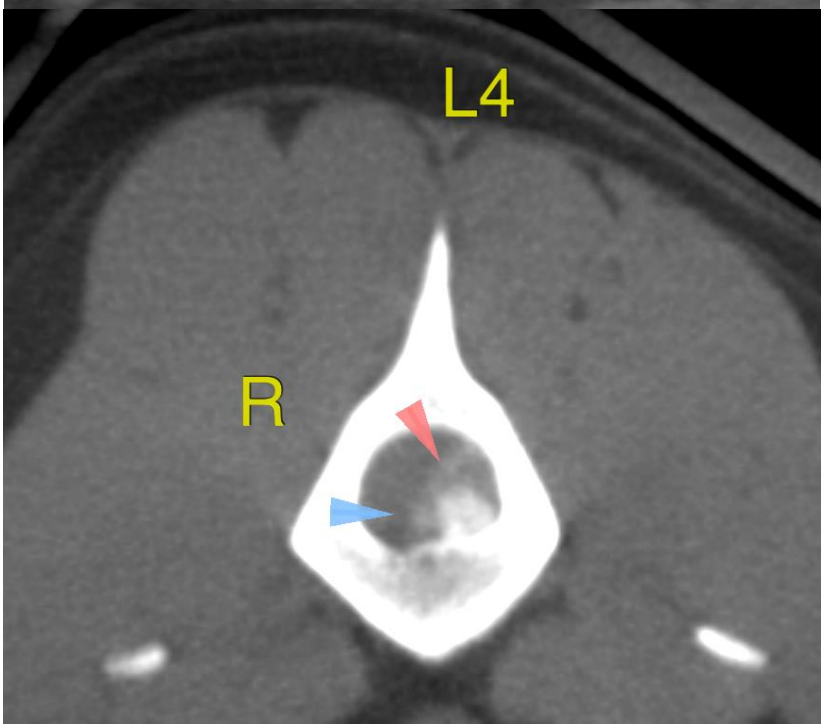

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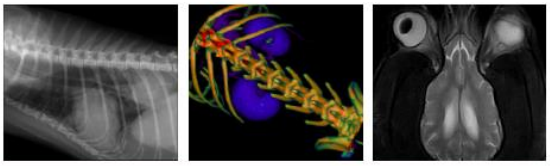

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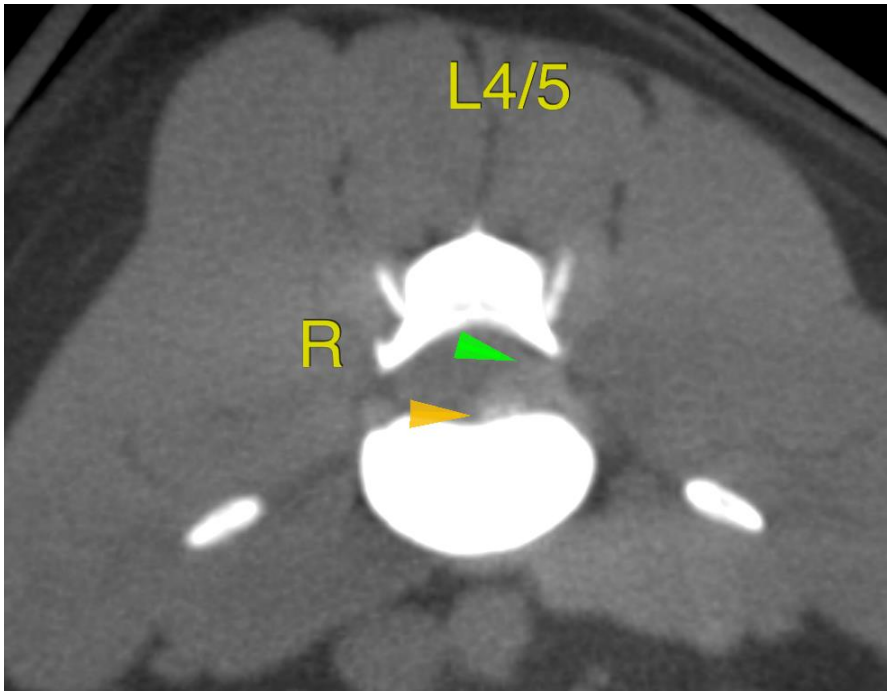

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@sonopath.com