



PATIENT PRESENTING CLINICAL SIGNS

Pluto Montes History of IVDD on 2021 with narrowing between L4-6. This week patient show signs of IVDD again. Discomfort and pain but walking. Radiographs today show narrowing between T9-11 and between L4-6 with calcification between L3/4.

SPECIES Abnormal PE/Chem/CBC/UA Results: CHEM --- ALB severe increased, ALP mild decreased, Bilirubin mild increased AMYL decreased

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL, THORACIC, & LUMBAR SPINE

BREED Plain and post contrast studies available for review.

Dachshund COMPUTED TOMOGRAPHIC FINDINGS

SEX Moderate narrowing of the intervertebral disc space C5/6 is noted. There is a moderate extrusion of partially mineralized intervertebral disc material into the ventral epidural space. The material is slightly more to the left of the midline. Mild extension into the left neuroforaminal entrance zone is noted. Approximately 40% of the vertebral canal's cross sectional area is occupied by the extruded material. Moderate dorsal deviation and compression of the spinal cord is seen. There is relatively mild cranial and caudal migration of the extruded material within the ventral epidural space.

NM

AGE

5 Years The intervertebral discs C3/4 and C4/5 present extensive and focal mineralization respectively.

INTERPRETED BY Focal and extensive mineralization of several thoracic intervertebral discs without obvious herniation is seen.

Nele Eley, DVM
Dr. med. Vet. DipECVDI

There is a mineralized extrusion into the ventral epidural space within the lumbar spine between L3 and L4. The extruded material is organized in appearance with close dorsal mineralization. The material is slightly more towards the right of the midline within the ventral epidural space. Approximately 35% of the vertebral canal's cross sectional area is occupied by the extruded material. Mild to moderate dorsal deviation and compression of the spinal cord are noted.

HOSPITAL NAME

Veterinary Image Center

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Moderate intervertebral disc extrusion C5/6 with spinal cord compression and mild left neuroforaminal stenosis.
- Moderate intervertebral disc extrusion L3/4 with spinal cord compression.
- Multiple chondroid disc degeneration.

REFERRING VET

Dr. M. Vega, DVM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE The CT study reveals two sites of moderate spinal cord compression after partially mineralized intervertebral disc extrusions. Based on the CT presentation, the C5/6 extrusion appears to be the more acute event whilst the extrusion within the lumbar spine at L3/4 shows characteristics of organization and the CT findings suggest a chronic extrusion. The degree of spinal cord compression is moderate at both C5/6 and L3/4. Mild neuroforaminal extension and narrowing are seen at C5/6 on the left hand side. The extrusion at L3/4 is slightly lateralized towards the right side.

57588

DATE

4-3-23



PATIENT

Pluto Montes

SPECIES

Canine

BREED

Dachshund

SEX

NM

AGE

5 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

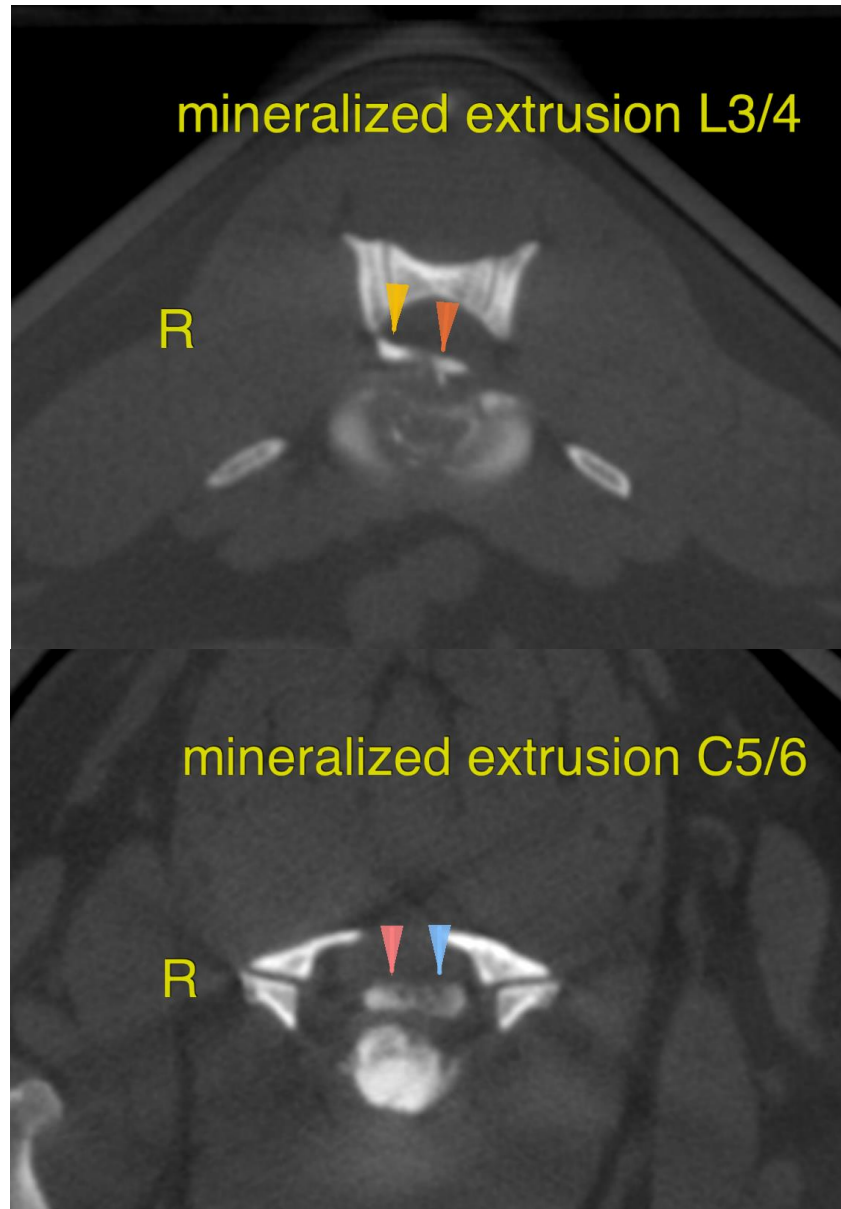
Dr. M. Vega, DVM

INVOICE

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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.

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