



PATIENT

PRESENTING CLINICAL SIGNS

Ava Somerville-Jones

Feb 23/23 at rDVM.yelping out,shaking and whimpering. No known traumatic event. Slow to walk and resents downward flexion of neck. Spinal palpation has no obvious pain response. Moderate tense abdomen. Proprioception was ok but slower. Radiographs suggestive of Spondylosis at T12-T13, L5-L6. On Gabapentin 100mg TID and Deramax 25mg SID as needed. Referred for CT - today.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: ALB-41 g/L ALT- 149 U/L ALKP- 1547 U/L AMYL- 1640 U/L LIP- 5456 U/L

BREED

Dachshund

COMPUTED TOMOGRAPHIC STUDY OF THE SPINE

Plain study of the full spine available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

FS

Well delineated mineral dense material with elongated ovoid shape is occupying the right epidural space level with the 6th lumbar vertebra. Approximately 1/3 of the vertebral canal's diameter is occupied by the extradural material and the periphery of the material is mineral dense. The center is hypodense. The material appears to blend into the compact bone of the right vertebral arch of L6.

AGE

10 Years

The intervertebral disc spaces L5/6 and L6/7 present reduced width. Spondylosis deformans is present between L5 and L6. Mineralized nucleus pulposus is noted at L6/7.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Nearly all intervertebral discs show foci of mineralization. There are focal mineralizations of the dura mater throughout the spinal cord.

Spondyloses are present between T11/12 and T12/13.

Early spondylosis deformans is noted between T5 and T6.

HOSPITAL NAME

Bridgwater
Veterinary Hospital
and Wellness Centre

Mineralization of the dorsal longitudinal ligament with mild dorsal deviation appears to be present between C2 and C3.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Extradural compression of the terminal filum and cauda equina from the right hand side by mineral attenuating material level with L6.
- Disseminated chondroid disc degenerations.
- Spondyloses T11/12, T12/13, L5/6.
- Multiple mineralizations of the dura – incidental.
- Intervertebral disc protrusion and mineralization of the dorsal longitudinal ligament C2/3.

REFERRING VET

Dr. Raymond Reboja

INVOICE

57054

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Organized extrusion of mineralized nucleus pulposus material within the right epidural space level with L6 is a primary differential diagnosis. Organizing and mineralizing hematoma as well as osteochondroma or other non-aggressive new bone formation are less likely differential diagnoses. Correlation with the clinical examination is required.

DATE

3-3-23



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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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