



PATIENT

Storm Rodriguez

PRESENTING CLINICAL SIGNS

Patient begins to present signs of hind limbs ataxia on Wednesday 1/4/2023. Owner takes patient to his vet on Thursday and the doctor prescribes NSAIDs. On Friday the patient showed improvement, but on Saturday he stopped walking completely of hind limbs. Deep pain is presents.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- unremarkable

COMPUTED TOMOGRAPHIC STUDY OF THE THORACOLUMBAR SPINE

BREED

Cane Corso

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

SF

Multiple small punched out osseous defects are seen in the vertebral bodies and end plates centering the caudal vertebral end plates of L5 and L3. Deep peripheral bone sclerosis is noted. The growth plate closure of the affected vertebrae appears to be delayed. No vertebral or vertebral end plate subluxation is seen. Occasional smaller defects are present in other vertebral end plates such as the caudal vertebral end plate of L7. No concurrent soft tissue swelling, and no disc herniation can be seen.

AGE

1 Year

Mild regional subaortic and medial iliac lymphadenomegaly is noted.

There is a congenital asymmetric thoracolumbar transitional vertebra with a vestigial left sided rib.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Polyostotic osteopathy of the lumbar vertebrae associated with the vertebral growth plates affecting L3, L5, and L7.
- Mild regional lymphadenomegaly.
- Congenital asymmetric thoracolumbar transitional vertebra

HOSPITAL NAME

Veterinary Image Center

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals polyostotic vertebral osteopathy centering the growth plates in the lumbar spine at L3, L5, and L7. Differential diagnosis includes physitis and spondylitis secondary to hematogenous spread of infection / systemic infectious disease. Trauma and disturbed endochondral ossification are potential but by far less likely differential diagnoses.

REFERRING VET

Dr. H. Martinez,
DVM/Dr. J. Colon,
DVM

The regional lymphadenomegaly is compatible with reactive lymphadenitis.

INVOICE

56066

Concurrent myelitis and other regional inflammation cannot be ruled out entirely and further workup by screening for an infectious disease including abdominal ultrasound, blood culture, and csf analysis could be considered.

DATE

1-9-23



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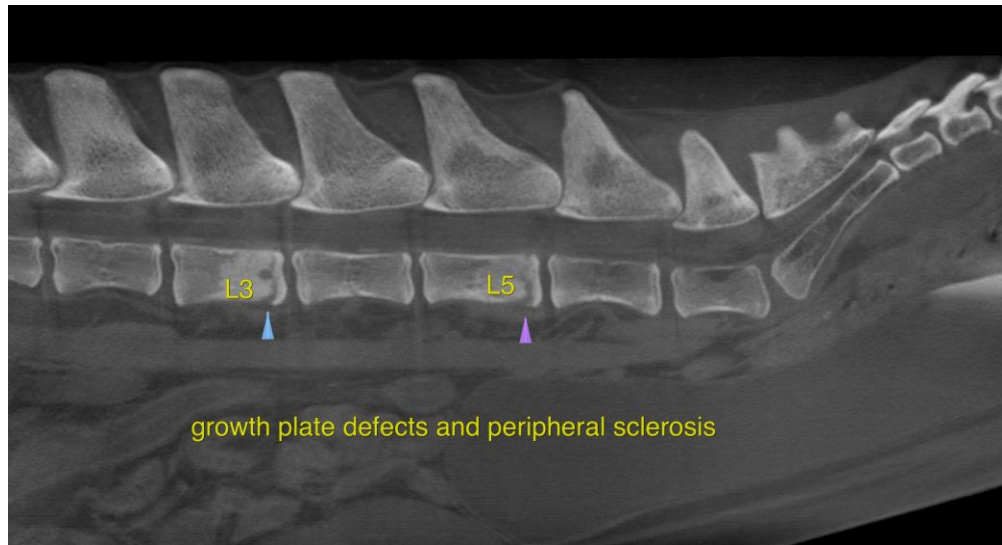
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INVOICE

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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.

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