



**PATIENT**

Nala Brown

**PRESENTING CLINICAL SIGNS**

Painful back since 2020. Hind end weakness. Difficulty going up and down stairs. Radiographs at rDVM show ventral spinal fusion L1-L2 vertebrae and narrowed disc spaces around aforementioned region. P came from a hoarding situation. Painful on palpation TL Spine region and tense on flexion of neck. Tender psoas, L hip extension and Mild CP deficit L Rear. Currently taking Gabapentin 300mg Q8-12hrs, Carprofen 100mg BID, Methocarbamol 500mg 1/2 BID, and Tramadol 50mg 3 tabs BID. Hx of gastrointestinal/diarrhea concerns.

**SPECIES**

Canine

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

**BREED**

Pitbull Mix

Plain study and myelogram available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

FS

The CT study reveals multifocal vertebral end plate defects with deep peripheral sclerosis at the lumbosacral junction and between L3/4 as well as L1/2 and T13/L1.

Reduced intervertebral disc space width and ventral and lateral new bone formations are noted between L1/2, L2/3, and L3/4.

**AGE**

2 Years, 2 Months

Vacuum phenomenon and ventralization of the sacrum are present at the lumbosacral junction.

The myelogram does not reveal compressive myelopathy throughout the cervical, thoracic, or lumbar spine.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The patient is mildly obese.

No significant dysplasia or osteoarthritis of the coxofemoral joints is seen.

**HOSPITAL NAME**

Casselton Vet Service

The psoas major muscle and tendon present bilaterally symmetric.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Multifocal thoracolumbar chronic discospondylitis.

**REFERRING VET**

Dr. Brad Bartholomay

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with multiple chronic thoracolumbar discospondylitis. Infection of the intervertebral connections and discs secondary to hematogenous spread is very likely and screening for an infection by means of abdominal ultrasound, full urinalysis, blood culture, and more could be considered as well as long-term broadband antimicrobial treatment.

**INVOICE**

54911

**DATE**

11-1-22



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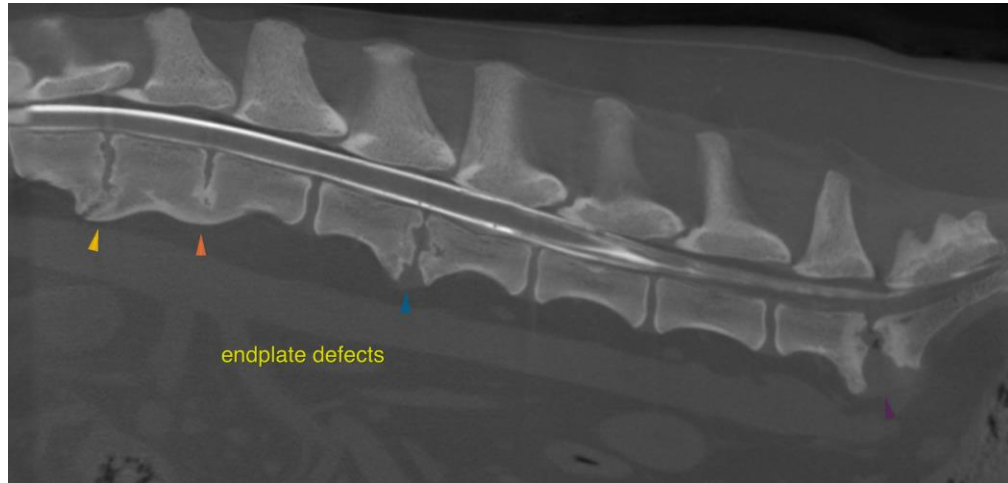
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
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