



PATIENT

Luna Steponas

PRESENTING CLINICAL SIGNS

History of congenital walking abnormality on both hind legs, more severe on the left hind leg especially during walking, usually do a hopping during walk and mostly on the right hind leg. On physical exam no drawer movement in both hind stifles. No pain in palpating spine. Need to rule out any musculoskeletal abnormality on pelvic and lumbar are. Neurological exam mild delay in properception in both hind legs

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Blood work within normal limit

BREED

Akita

RADIOGRAPHIC STUDY OF THE LUMBAR SPINE & PELVIS

Lateral and ventrodorsal views of the lumbar spine and pelvis available for review. The study also includes thoracic, stifle, and tarsal radiographs; however, the study request is limited to the lumbar spine and pelvis.

SEX

Female Spayed

RADIOGRAPHIC FINDINGS

Vertebral end plate sclerosis and mild spondyloses are present within the cranial lumbar spine between L1 and L2 as well as between L2 and L3. Early spondylosis is present between L3 and L4 as well.

AGE

2 Years

Moderate degenerative changes with enlargement of the articular surfaces of the vertebral facet joints are seen between L2 and L3, L3 and L4, and L4 and L5.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The coxofemoral joints present within normal limits. No evidence of dysplasia or osteoarthritis is seen.

The dorsal spinous process of the 1st sacral vertebra is incompletely fused to the remainder of the sacral crest which is compatible with a type 1 transitional vertebra.

HOSPITAL NAME

Truscott Animal
Hospital

RADIOGRAPHIC DIAGNOSIS

- Mild spondyloses L1/2 and L2/3.
- Early spondylosis L3/4.
- Degenerative arthropathy of the facet joints L2/3, L3/4, and L4/5.
- Type 1 lumbosacral transitional vertebra.

REFERRING VET

Medhat Meawad

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study reveals spondyloses and degenerative facet joint arthropathy within the lumbar spine. The radiographic changes are relatively mild. They may be associated with intervertebral disc disease.

INVOICE

49564

A type 1 lumbosacral transitional vertebra is clinically insignificant.

No evidence of coxofemoral joint arthropathy was found.

DATE

1-12-22



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SPECIES

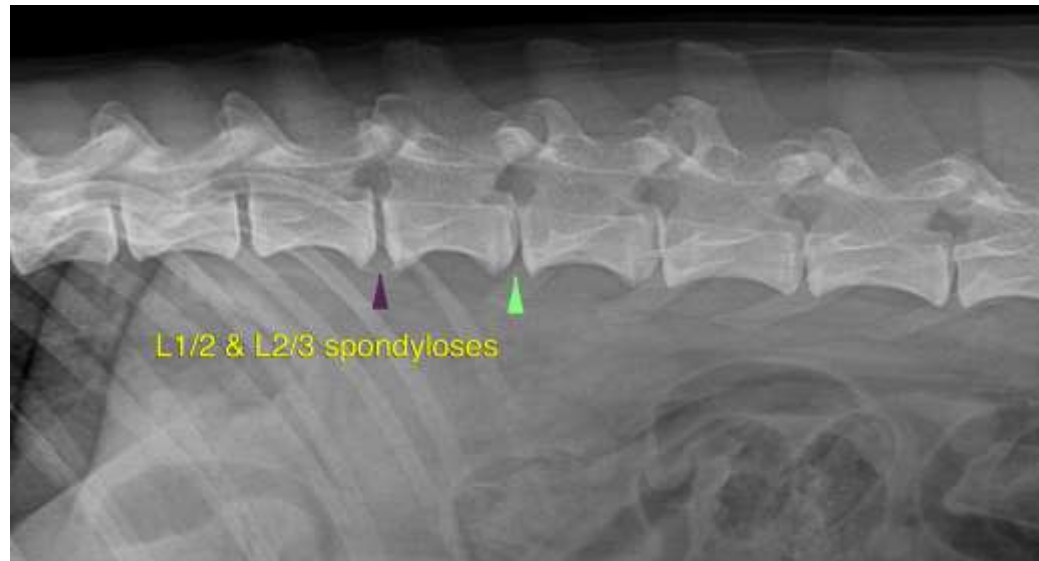
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AGE

2 Years

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

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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