



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
 Freya Riley
SPECIES
 Canine
BREED
 German Shep

Pet is developing ataxia in hind legs and has worsened in the past few weeks. Pet is non painful on physical exam today with ataxia and crossing over of hind legs. Left hind leg has very reduced CP, the right hind leg has a mildly reduced CP. Overall hind limb muscle mass still appears full and symmetrical. The patellar reflexes are normal to mildly hyper-reflexive; withdrawal reflexes and panniculus are normal. The forelimb CPs and withdrawal reflexes are normal as well as the cranial nerve exam. Pet has CBC/Chemistry/T4 pending. Note: Pet has a history of Diskospondylitis in August of 2022, specifically L2/3 and L7/S1 with mild hip dysplasia (left side worse). Those xrays were included for comparison.

RADIOGRAPHIC STUDY OF THE THORACIC & LUMBAR SPINE

Radiographs of the thoracic & lumbar spine in two orthogonal imaging planes are provided for review.

SEX RADIOGRAPHIC FINDINGS

SEX
 Spayed Female

The vertebral endplates T3/T4, T5/T6, T6/T7, T10/T11 to L5/L6 and L7/S1 present mild to moderate spondylosis formation.

AGE

6 Years, 4 Months

The intervertebral disc spaces T3/T4, T5/T6, T11/T12, T12/T13, L1/L2, L3/L4 to L6/L7 are moderately narrowed. Mild radiopaque convex shaped material superimposed on the ventral aspect of the neuroforamen L1/L2.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

The subchondral bone of the vertebral endplates T10/T11, L1/L2, L2/L3 and L7/S1 present well-defined crescent shaped zones with decreased radiopacity, without overt sclerosis – the findings are mildly regressive in comparison to the previous radiographic study.

RADIOGRAPHIC DIAGNOSIS

- History of discospondylitis with persistent irregularity of the vertebral endplates T10/T11, L1/L2, L2/L3 and L7/S1 – no sign for active discospondylitis
- Discopathy T3/T4, T5/T6, T11/T12, T12/T13, L1/L2, L3/L4 to L6/L7
- Possible Intervertebral disc protrusion L1/L2 versus lateral spondylosis formation
- Spondylosis deformans

HOSPITAL NAME

All Creatures Animal
 Hospital of South Hill,
 Inc.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Krishna Salmon

The narrowed intervertebral disc spaces are suggestive for discopathy that might or might not be associated with compressive myelopathy as source for the neurological deficits of the hind legs. The mild radiopaque material superimposed on the ventral aspect of the neuroforamen L1/L2 can present disc material bulging into the vertebral canal or lateral spondylosis formation.

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At this point there is no signs for active discospondylitis, and the known lesions of the vertebral endplates L2/L3 and L7/S1 appear mildly more consolidated without significant sclerosis.

DATE

8-13-22

Cross-sectional imaging can be used as advanced imaging modality to screen for underlying compressive myelopathy.



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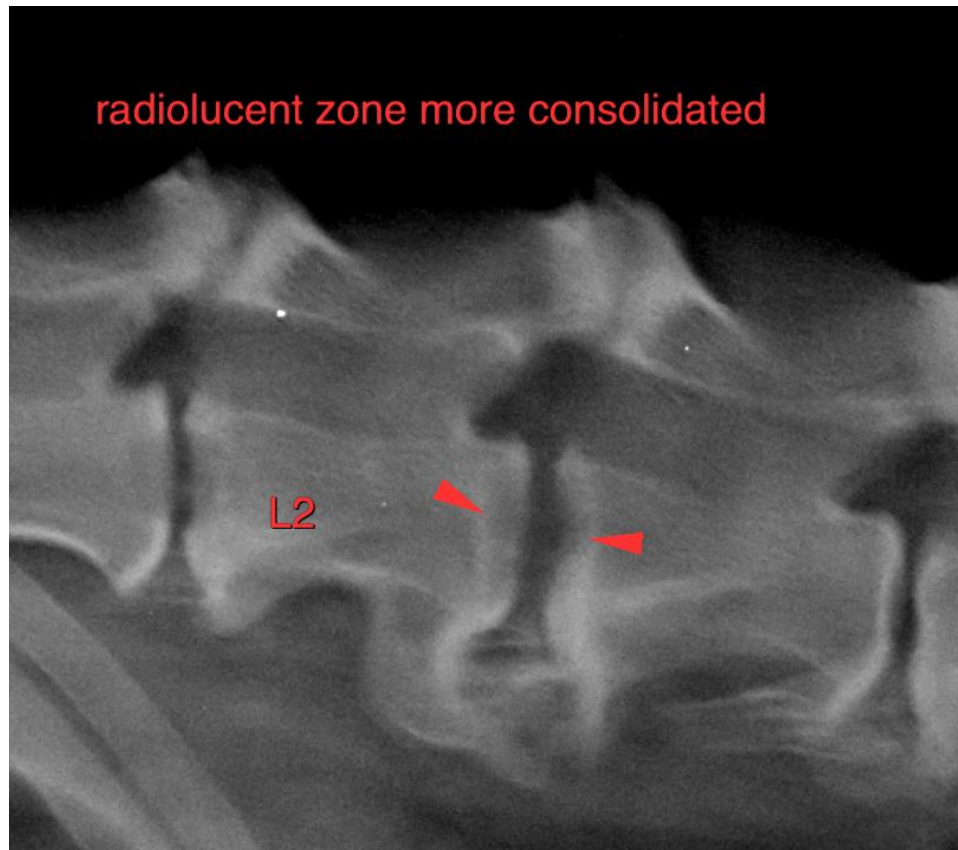
Spayed Female

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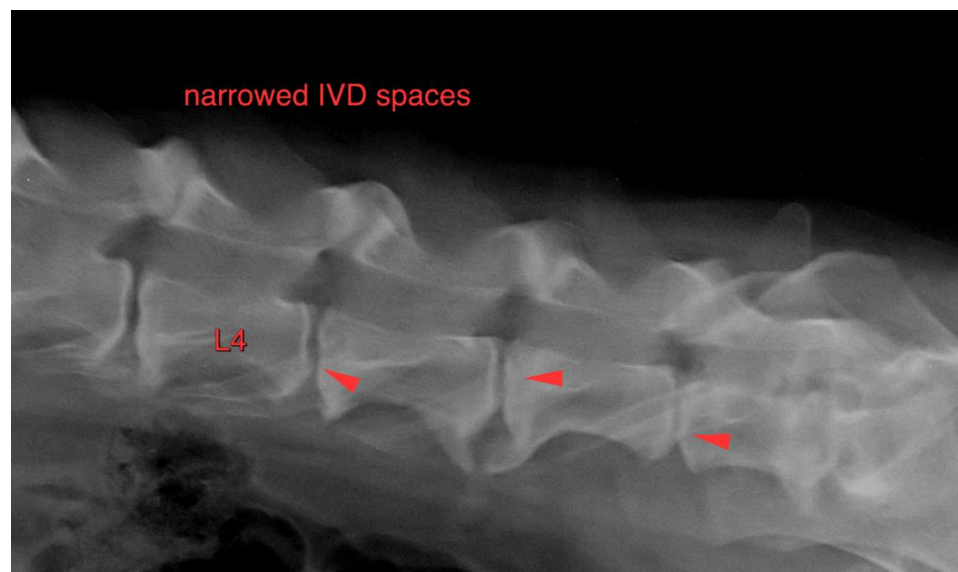
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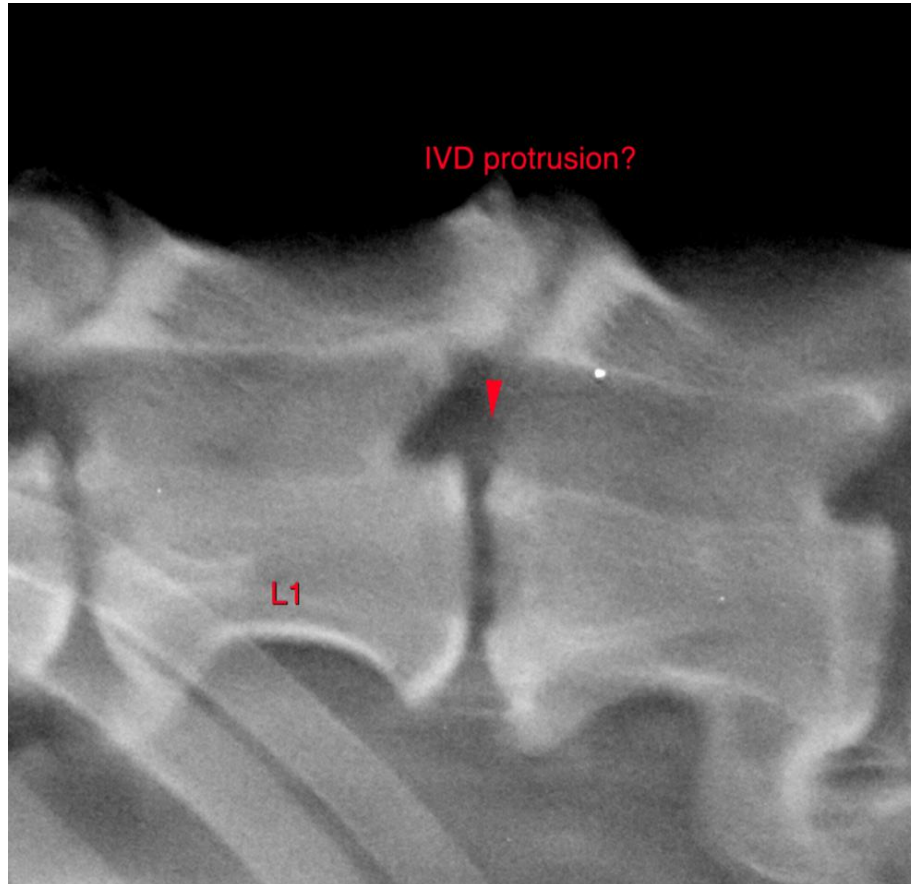
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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