



PATIENT

Fiona Thornton

SPECIES

Canine

BREED

German Shepherd

SEX

FS

AGE

14Y

WEIGHT

77.7lbs

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Sarah Green

HOSPITAL NAME

Healing Spirit Animal
Wellness

REFERRING VET

Marlena Folden

INVOICE

73868

DATE

2-19-26

PRESENTING CLINICAL SIGNS

- referred for CT due to a history of pelvic limb pain and lameness.
- dynamic collapse at L7-S1 noted on radiographs
- disparity in bone density between the left and right femur

Abnormal PE/Chem/CBC/UA Results: Paraparesis with proprioceptive deficits in both pelvic limbs, full orthopedic exam not performed here.

COMPUTED TOMOGRAPHIC STUDY OF THE SPINE

A pre-contrast and post-contrast CT study of the lumbar spine and pelvis are provided for review, totaling 2 series. One pre-contrast series of the lumbar spine and pelvis bone algorithm. One post-contrast series of the lumbar spine and pelvis soft tissue algorithm.

COMPUTED TOMOGRAPHIC FINDINGS

LUMBAR SPINE & PELVIS:

A healed fracture with malunion of the right ischiatic table is present.

Mild irregular osseous proliferation is noted along the pelvic symphysis, resulting in asymmetry of the obturator foramina.

Right acetabular margin osteophytosis is observed. The coxofemoral joints are congruent bilaterally.

At L7-S1, ventrolateral spondylosis deformans and adjacent endplate sclerosis are present, slightly more pronounced on the right side, resulting in subtle narrowing of the right neurovascular foramen.

At L5-L6, right ventrolateral spondylosis deformans is noted.

The dorsal articular facets of the lumbar vertebrae are sclerotic with mild osseous proliferation.

The vertebral canal diameter and attenuation are within normal limits.

The alignment of the lumbar vertebral column is preserved.

The intervertebral disc spaces are maintained.

There is diffuse osteopenia, more evident in the pelvic bones.

Reduced muscle volume of the gluteal musculature is observed bilaterally.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Degenerative changes at L7-S1 characterized by ventrolateral spondylosis deformans, endplate sclerosis, and subtle right-sided neuroforaminal narrowing.
- Right ventrolateral spondylosis deformans at L5-L6.



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- Healed malunion fracture of the right ischiatic table with mild irregular osseous proliferation along the pelvic symphysis, resulting in asymmetry of the obturator foramina.
- Right acetabular osteophytosis secondary to right coxofemoral osteoarthritis.
- Degenerative changes affecting the dorsal articular facets of the lumbar vertebrae, incidental.
- Diffuse osteopenia, more evident in the pelvic bones.
- Bilateral gluteal muscular atrophy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are consistent with chronic degenerative lumbosacral disease, most pronounced at L7-S1, where subtle right-sided neuroforaminal narrowing is present, consider possible nerve root involvement.

The healed right ischiatic malunion and degenerative pelvic changes may contribute to chronic pelvic limb discomfort.

Diffuse osteopenia and bilateral gluteal muscle atrophy are compatible with chronic disuse and/or age-related changes.

If clinical signs persist after conservative management has been instituted, MRI of the lumbosacral spine is recommended for further evaluation of possible concurrent intervertebral disc disease, or clear evidence of the cause of nerve root impingement.

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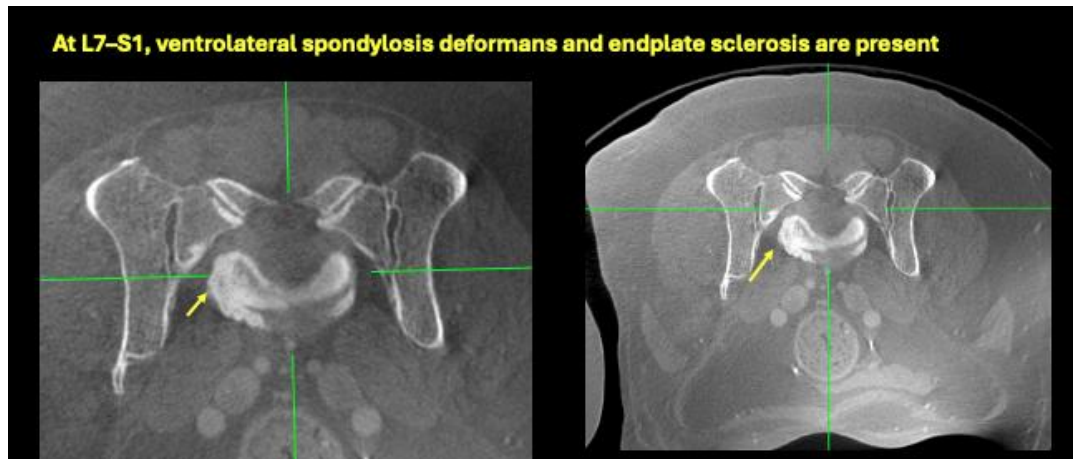
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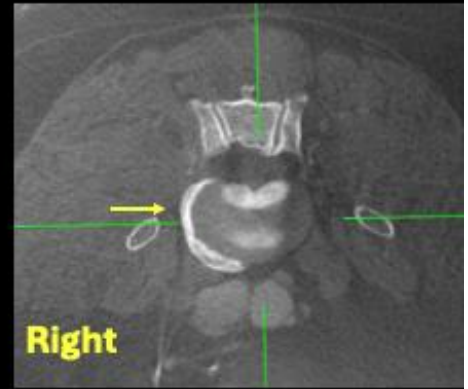
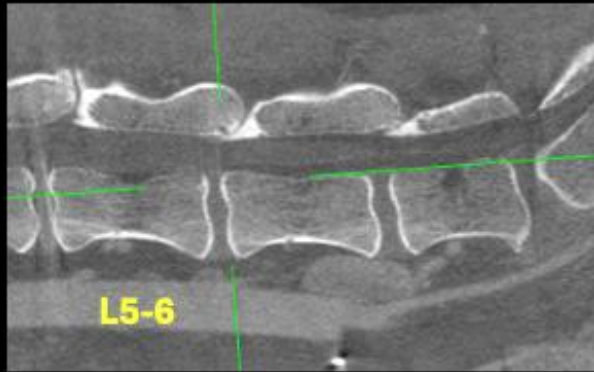
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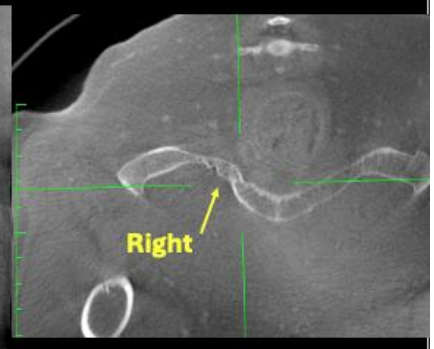
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L5-L6, right ventrolateral spondylosis deformans



Healed malunion fracture of the right ischiatic table with mild irregular osseous proliferation along the pelvic symphysis.



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.

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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
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