



PATIENT PRESENTING CLINICAL SIGNS

Gizmo Ramos Not walking

COMPUTED TOMOGRAPHY OF THE HIND LIMBS AND ENTIRE SPINE

SPECIES A high resolution plain and post contrast study are provided for review.

Canine **COMPUTED TOMOGRAPHIC FINDINGS**

The osseous and surrounding soft tissue structures of the cervical spine present no abnormalities.

BREED No abnormalities of the osseous structures of the thoracic spine are within normal limits. In the subcutaneous tissue dorsal to the caudal thoracic spine, a zone with fat-stranding is appreciated – suspect preceding subcutaneous injection.

Morkie

The vertebral endplates L3/L4 and L4/L5 present mild spondylosis formation.

SEX After intrathecal contrast administration, the intervertebral discs C3/C4, C4/C5, T12/T13 to L4/L5 are bulging into the vertebral canal, distorting the ventral epidural space at the same level.

Male

The medial iliac lymph nodes bilaterally and the right external iliac lymph node are prominent.

AGE The osseous and surrounding soft tissue structures of the pelvis are within normal limits. Both coxofemoral joints present smooth osseous margins and congruent joint spaces.

9 Years, 3 Months

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The periarticular bones of the stifle joints bilaterally present moderate osteophyte new bone formation and a moderate intracapsular swelling of the stifle joints is appreciated. A TPLO implant is seen at the medioproximal aspect of the tibia bilaterally. The osteotomy bilaterally is filled with trabecular bone. The patella of both stifle joints is in situ.

COMPUTED TOMOGRAPHIC DIAGNOSIS

HOSPITAL NAME

Mobile Pet Imaging

- Intervertebral disc protrusion C3/C4, C4/C5, T12/T13 to L4/L5 with possible dynamic myelocompression
- History of surgical management of cranial cruciate ligament rupture both stifle joints by TPLO – the osteotomy is in the remodeling phase respectively
- Bilateral degenerative osteoarthritis stifle joints
- Articular swelling stifle joints bilaterally
- Lymphadenopathy medial iliac lymph nodes bilaterally
- Spondylosis deformans L3/L4 and L4/L5

REFERRING VET

Meaux

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study of the spine presents without specific abnormalities explaining the described clinical signs – the appreciated intervertebral disc protrusions can be a source for intermittent pain but are unlikely to be related with neurological deficits of the hind limbs. Depending on the clinical findings/neurological deficits, ischemic myelopathy (e.g. fibrocartilaginous embolism) or acute non-compressive nucleus pulposus extrusion might be differentials as well.

DATE

1-23-23

The prominent medial iliac lymph nodes are suggestive for reactive hyperplasia due, likely due to an immune response in the tributary region – check for signs of inflammation or arthritis in the region of the stifle joints, a synovial tap might be beneficial as well.



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SPECIES

Canine

BREED

Morkie

SEX

Male

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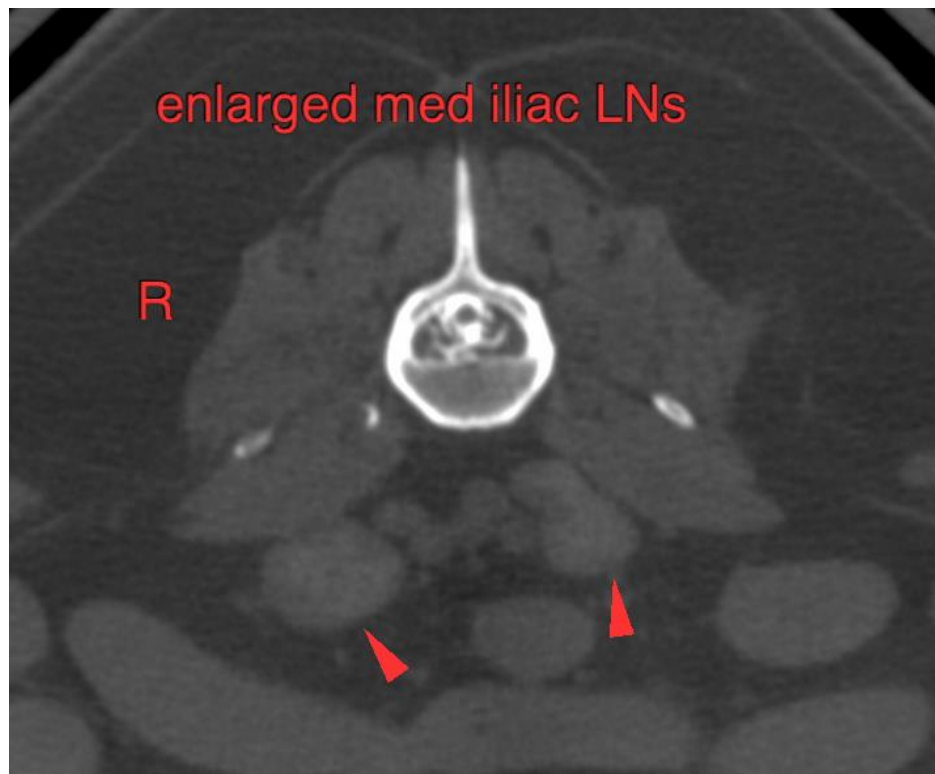
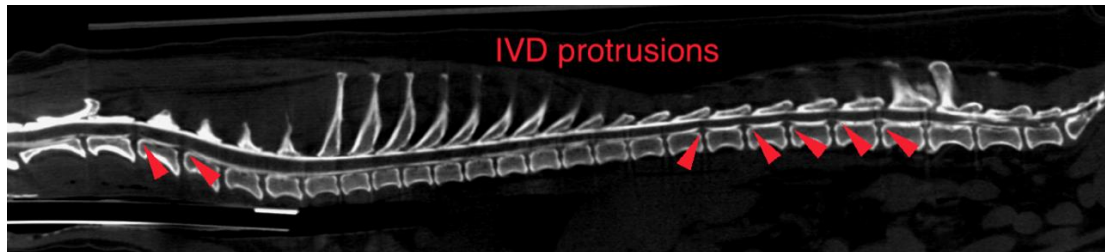
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**PATIENT**

Gizmo Ramos

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.

SPECIES

Canine

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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BREED

Morkie

SEX

Male

AGE

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