



PATIENT PRESENTING CLINICAL SIGNS

Baxter Baldino not walking on the back left leg. thinking it is a spinal tumor

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SPINE

Canine A pre- contrast CT study of the entire lumbar and lumbosacral spine are provided for review, totaling two series, Transverse, bone algorithms.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Labrador Retriever SPINE (L1-L7 and sacrum).

There is a mild to moderate amount of homogeneous with mineralized borders material at the level of L6-L7, ventral and partially on the right side, that dorsally displaces and slightly compresses the spinal cord and spinal roots.

SEX

Male Neutered Bulging intervertebral discs are noted at L5-L6 and L7-S1.

AGE

7 Otherwise, no narrowed intervertebral disc spaces or changes in the intervertebral discs or attenuation. Mild non-bridging L7-S1 spondylosis deformans is noted. All other vertebral bodies are normal in size, shape, and attenuation.

INTERPRETED BY

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

Normal spine alignment. No narrowing of the vertebral canal. No evidence of irregularities or enlargements in the spaces of the intervertebral foramens. No aggressive osseous abnormalities identified.

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There is asymmetry between both sides of pelvic muscle mass. There is moderate decreased muscle mass of left hind limb in comparison to the right.

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At the collimated coxofemoral joints, the femoral heads are subluxated from the acetabulum. Moderate bilateral thickening of the femoral necks, moderate remodeling of the femoral heads by circumferential periarticular osteophytes, moderate remodeling of the cranial acetabular margin to a smooth contour, and multifocal degenerative subchondral microcysts are noted.

No mass effect is seen in the soft tissue of the left limb.

INVOICE

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The collimated abdomen is unremarkable. No evidence of caudal abdominal, retroperitoneal, or sacral lymph node enlargement.

DATE

7-6-23



PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

Baxter Baldino

- L6-L7 ventral (more right side) extradural disc material (low volume) causing mild spinal cord compression and impinging the nerve roots, the differential diagnosis includes intervertebral disc herniation.*

SPECIES

- Bulging intervertebral discs at L5-L6 and L7-S1.
- L7-S1 spondylosis deformans.

Canine

- Bilateral hip dysplasia and secondary osteoarthritis.
- Left side pelvic muscle mass disuse atrophy.

BREED

- There is no evidence of mass effect in the pelvic muscles or adjacent soft tissue structures.
- There is no evidence of aggressive bone disease.

Labrador Retriever

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX Male Neutered

*There is a small amount of extradural material at L6-L7, which is a sign of disc herniation. However, the extradural material is ventral and more on the right side, which does not match the clinical symptoms and the visible left-sided muscle mass disuse atrophy. A computed tomography exam with or without myelogram is not as sensitive as MRI to differentiate extradural versus intradural extramedullary lesions. Due to this factor, other less likely differential diagnoses such as focal hemorrhage, and neoplasm should be considered. More distal lesions in the left limb should be considered as a possible differential diagnosis, and for that reason, a full left limb radiograph should be considered as a next step, if it has not already been performed. Another alternative is a procedure for MRI investigation.

AGE 7

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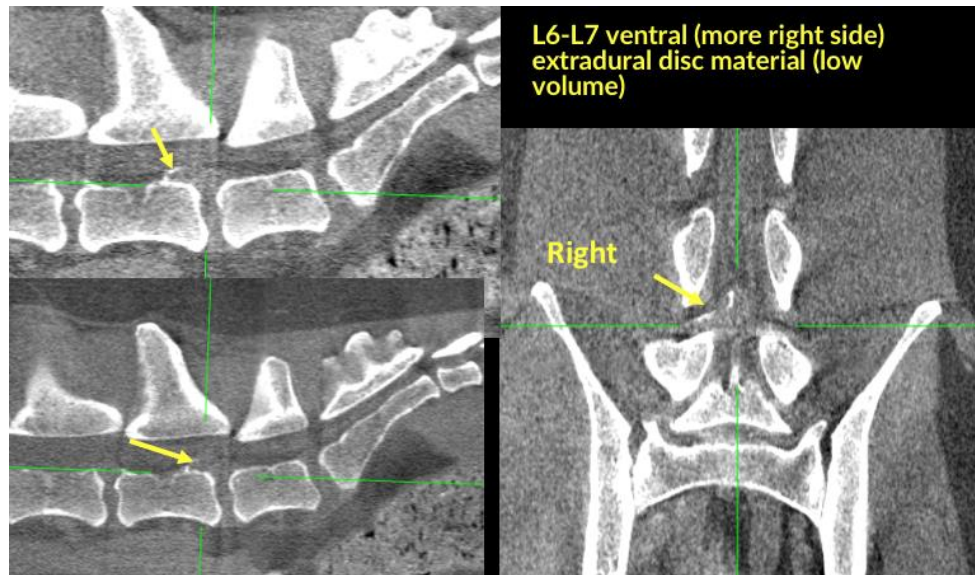
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PATIENT

Baxter Baldino

SPECIES

Canine

BREED

Labrador Retriever

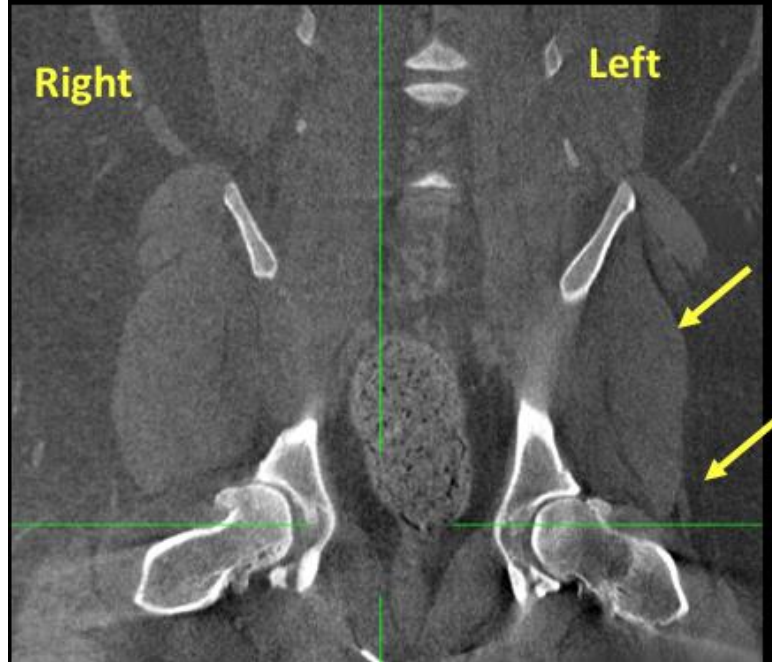
SEX

Male Neutered

AGE

7

Left side pelvic muscle mass disuse atrophy



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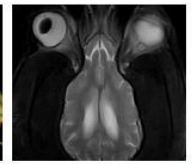
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Bilateral hip dysplasia and secondary osteoarthritis





PATIENT

Baxter Baldino

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.

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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com

BREED

Labrador Retriever

SEX

Male Neutered

AGE

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