



PATIENT

Biscuit Zelaya

PRESENTING CLINICAL SIGNS

Presented for swollen Right pelvic limb on Nov. 4 and for being more lethargic. Swelling had started about 2 weeks prior. PE revealed 2 dermal growth on caudal dorsum.
Abnormal PE/Chem/CBC/UA Results: Ambulatory x 4 but swollen Right thigh as compared to Left

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE HIND LIMBS

A high resolution pre- and post-contrast CT study of the hind limbs is provided for review.

BREED

English Bulldog

COMPUTED TOMOGRAPHIC FINDINGS

The pictured parts of the lumbosacral junction present moderate spondylosis formation.

SEX

Female Spayed

The right iliac wing, level with the iliosacral joint presents a roundish mild ill-defined geographic osteolytic lesion.

In the right gluteus muscle, a peripheral contrast enhancing lesion is visible.

AGE

10 Years

Both coxofemoral joints present moderate to marked osteophyte new bone formation. The acetabular groove bilaterally is shallow, and the center of the femoral heads is lateral to the dorsal acetabular rim.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

In the subcutaneous region at the caudolateral aspect of the gluteal region, a well-defined soft tissue attenuating cutaneous nodular lesion is visible, mildly protruding beyond the cutaneous surface, measuring 1.4 cm in size.

At the cranial aspect of the distal third of the right femur, a multilobulated ill-defined mass is visible, measuring 4.1 x 4.2 x 7.9 cm in size. No abnormalities of the femur are noted.

HOSPITAL NAME

Mobile Pet Imaging

In the medial aspect of the left thigh musculature, multiple ill-defined contrast enhancing lesions are visible.

Both stifle joints present mild osteophyte new bone formation.

REFERRING VET

Meaux

The right gastrocnemius muscle presents a moderate soft tissue swelling; an irregular ovoid shaped mass is demarcated by a peripheral contrast enhancing rim measuring 4.7 x 3.8 x 7.8 cm in size. Thin contrast enhancing septa are emanating from the capsule into the center of the mass. The subcutaneous fat level with the right gastrocnemius muscle presents mild fat-stranding.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Intramuscular mass right gastrocnemius muscle
- Intramuscular mass distal third of right quadriceps muscle and right gluteus medius muscle
- Contrast enhancing muscular lesions left thigh
- Marked degenerative osteoarthritis coxofemoral joints
- Suspect fatty bone marrow replacement right iliac wing versus metastasis
- Spondylosis deformans lumbosacral junction

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11-15-21



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are highly suggestive for disseminated intramuscular neoplastic disease of the right gastrocnemius muscle and the right quadriceps muscle, such as hemangiosarcoma, carcinoma, fibrosarcoma, round-cell tumor, other. Secondary surrounding mild steatitis level with the right crus. The contrast enhancing muscular lesions of the left thigh musculature are concerning for metastasis; myositis is a potential as well. Recommend FNA sampling/TruCut biopsy for further differentiation. Consider full tumor staging.





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potential mass quadriceps muscle



mass quadriceps muscle contrast enhancing intramuscular lesions



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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.

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