



PATIENT PRESENTING CLINICAL SIGNS

Fiona Depula pitting edema left hind leg from lateral thigh to toes, hard swelling left medial thigh/stifle, eccymosis noted scleral OS, pinpoint bleeding noted at home. rads done at NorthStar Current meds: Clavamox 375mg + 250mg, pregabalin, prednisone 20mg BID, Trazodone + gaba for procedure

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE PELVIS & STIFLES

Plain and post contrast studies are available for review.

BREED

Mix

COMPUTED TOMOGRAPHIC FINDINGS

The CT study reveals large, irregular shaped, elongated cavitory lesions within the left semimembranosus and medial gastrocnemius muscles. The cavitory lesions contain fluid attenuating contrast negative material, are ill-defined with thick peripheral rim enhancement, and measure approximately 10 cm in length and 3 x 4 cm in diameter, respectively. Lesion margins are ill-defined.

SEX

FS

Extensive peripheral soft tissue swelling with interfascial, and subcutaneous fat stranding is seen throughout the entire left hind limb accentuating the medial stifle joint region.

AGE

10 Years

Multiple variably sized and heterogeneously enhancing nodules are seen throughout the musculature of the bilateral hind limbs.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The left stifle joint presents mild and the right stifle presents moderate osteoarthritic changes as well as mild articular swelling seen bilaterally.

The left popliteal lymph node is mildly enlarged.

Moderate degenerative lumbosacral stenosis is noted.

HOSPITAL NAME

Blairstown Animal Hospital

The patient's body condition score is mildly excessive.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Zeliff

- Polymyopathy with multiple variably enhancing nodules scattered throughout the musculature of the hind limbs and two large cavitory lesions with thick peripheral rim enhancement in the left thigh musculature.
- Extensive interfascial and subcutaneous edema of the left hind limb.
- Mild left popliteal lymphadenomegaly.
- Moderate degenerative lumbosacral stenosis.
- Mild left and moderate right sided stifle osteoarthritis.

INVOICE

59196

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

7-6-23

The CT findings are highly suggestive for neoplastic or paraneoplastic polymyopathy. The multiple enhancing nodules are likely to represent tumoral metastases. The large cavitory lesions may represent the primary tumor with central tumoral necrosis or manifestations of metastatic disease as well. The possibility of inflammatory/infectious disease or multiple organizing hematoma is unfortunately very low. Final diagnosis will require sampling which could be



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attempted under ultrasonographic guidance and should include both the large cavitary lesions as well as the scattered nodular changes within multiple hind limb muscles.

The changes of the left popliteal lymph node are suggestive for reactive hyperplasia even though metastatic disease cannot be ruled out entirely. FNA could be considered for further definition.

SPECIES

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Consider abdominal ultrasound and three-view chest radiographs as well.

BREED

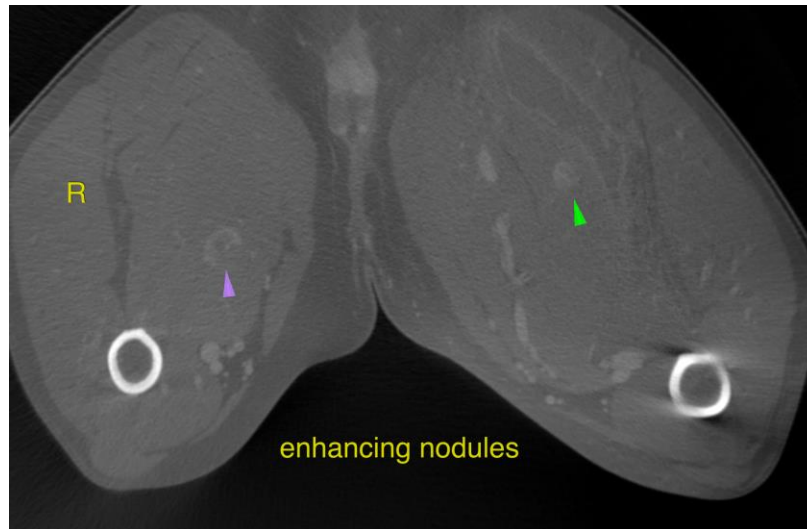
Mix

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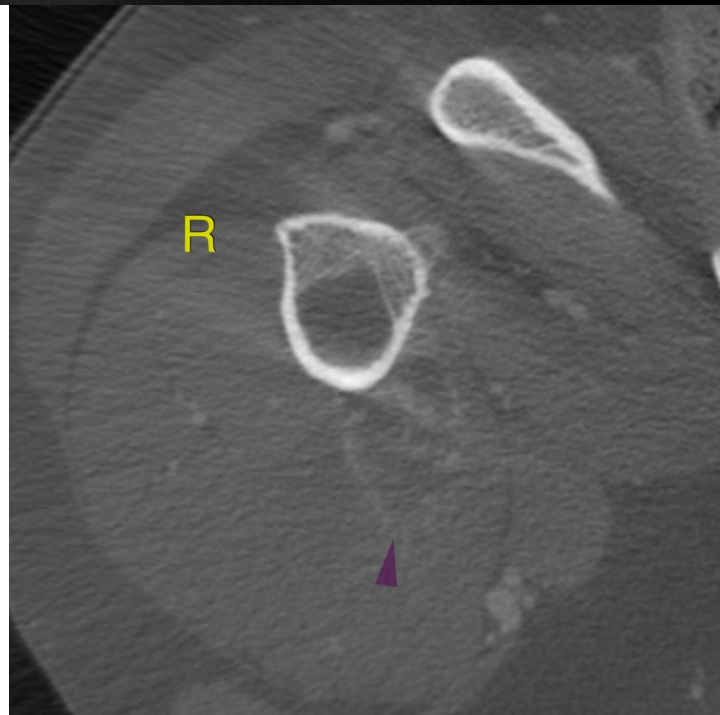
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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