



PATIENT

Lucy Lou Balestrieri

PRESENTING CLINICAL SIGNS

Acute onset left hindlimb lameness and lymphedema. Hindlimb radiographs unremarkable. Abnormal PE/Chem/CBC/UA Results: Anemic at 29%

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX, ABDOMEN, & HIND LIMBS

Plain and post contrast studies available for review.

BREED

Rottweiler

COMPUTED TOMOGRAPHIC FINDINGS

Hind Limbs

Extensive subcutaneous and interfascial soft tissue swelling and fat stranding is seen within the imaged left hind limb.

SEX

Spayed Female

A 7.5 x 5 cm sized ovoid mass is seen in the vastus medialis muscle. Lesion margins are ill-defined. A strong mass effect and cavitation with nonuniform contrast enhancement are noted.

The left popliteal lymph node are moderately enlarged and rounded.

AGE

12 Years

The left medial iliac lymph node presents mild symmetric enlargement.

Abdomen

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

HOSPITAL NAME

CARE Surgery Center

The adrenal glands are within normal limits for size, shape and organ architecture.

Multiple variably enhancing splenic nodules are seen.

REFERRING VET

Bleakley

The liver presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

INVOICE

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The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

There is moderate degenerative lumbosacral stenosis and mild bilateral coxofemoral joint dysplasia and osteoarthritis.

DATE

2-8-23

Thorax

A 6 cm sized mass with multifocal mineralization is occupying and expanding the accessory lobe of the right caudal lung lobe. Multiple variably sized soft tissue attenuating interstitial pulmonary



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nodules are distributed throughout the remainder of the pulmonary parenchyma.

The mediastinal lymph nodes present within normal limits.

No evidence of cardiovascular pathology is seen.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

Rottweiler

- Intramuscular mass within the left medial thigh musculature meeting neoplastic criteria.
- Moderate left popliteal lymphadenomegaly meeting neoplastic criteria.
- Extensive edema of the left hind limb.
- Mild left medial iliac lymphadenomegaly.
- Mineralizing pulmonary mass and multiple interstitial pulmonary nodules.
- Degenerative lumbosacral stenosis
- Bilateral coxofemoral joint osteoarthritis.

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

12 Years

The CT study reveals an intramuscular mass within the left medial thigh meeting neoplastic criteria concurred by regional lymphadenomegaly meeting neoplastic/metastatic criteria as well. Differential diagnosis includes soft tissue sarcoma such as rhabdomyosarcoma, hemangiosarcoma, round cell neoplasia, as well as metastases of an other primary tumor. Final diagnosis will however require sampling.

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Differential diagnosis for the pulmonary mass of the accessory lobe includes pulmonary carcinoma and less likely metastases. The multiple small interstitial pulmonary nodules are compatible with metastatic disease. Fine needle aspiration of one of the peripheral nodules within the pulmonary parenchyma could be considered under ultrasonographic guidance in order to establish a final diagnosis.

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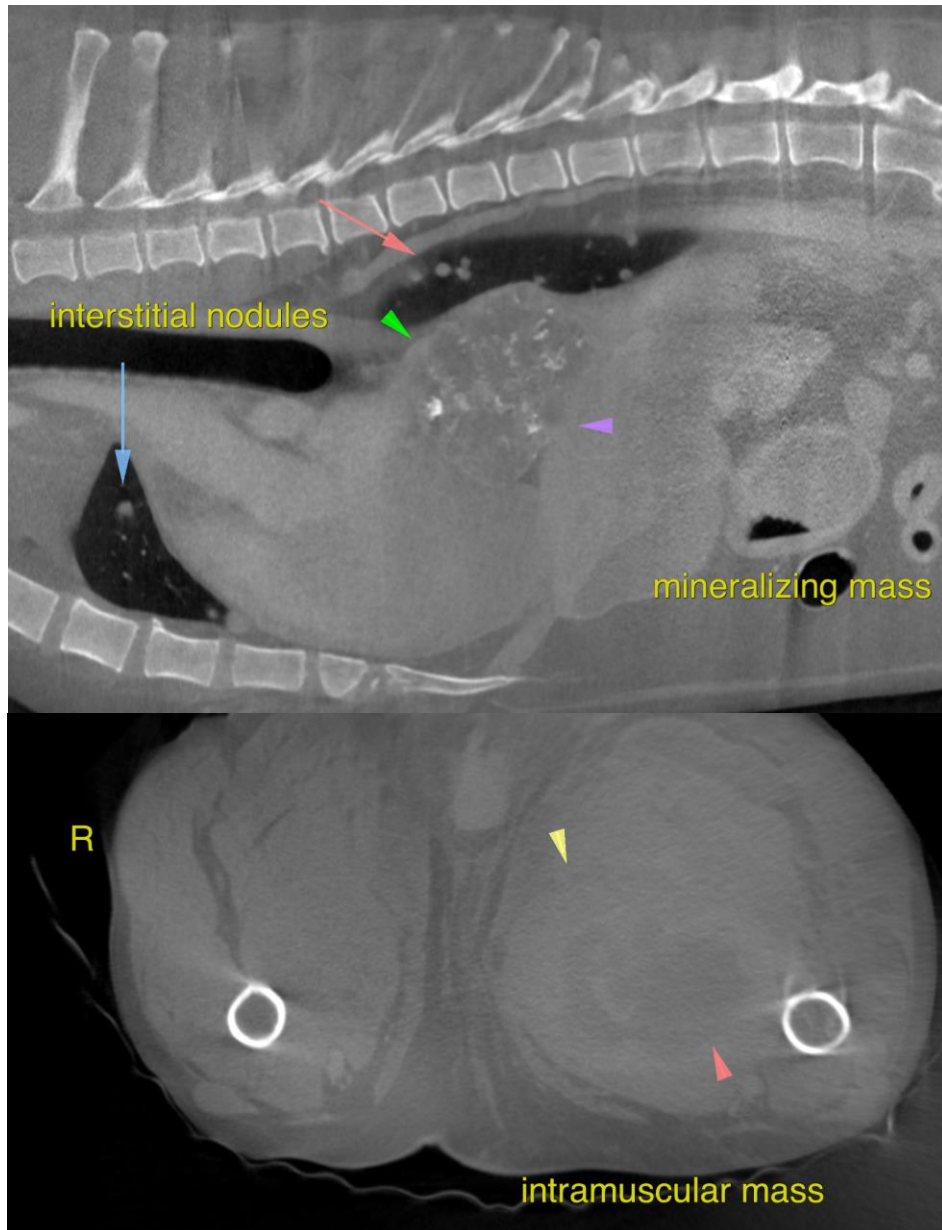
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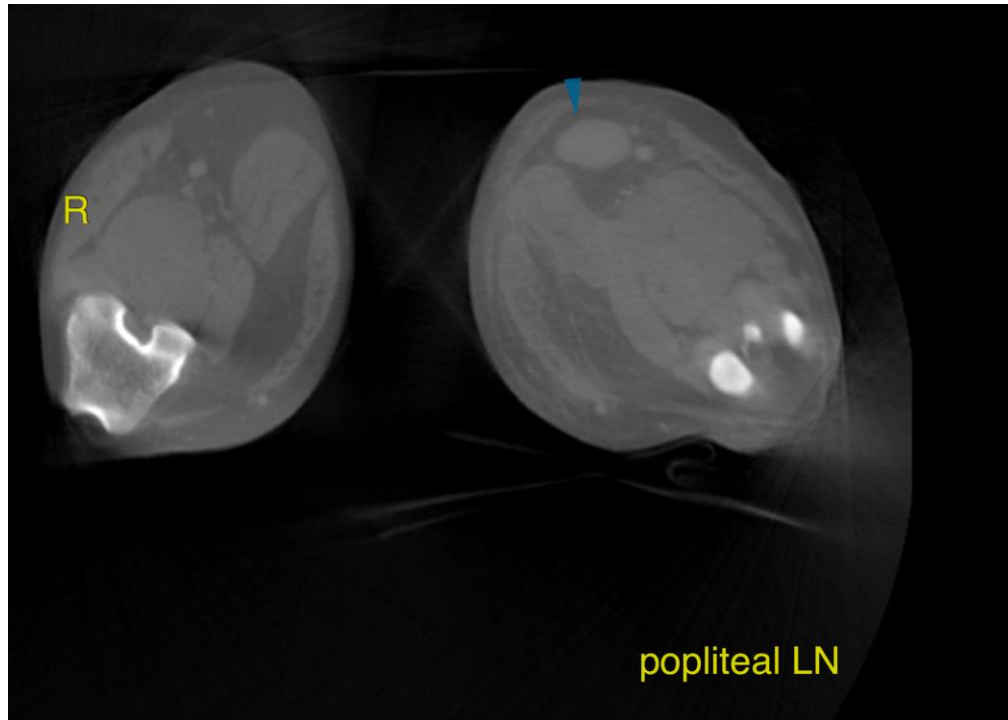
Bleakley

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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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