



PATIENT PRESENTING CLINICAL SIGNS

Skippy Mangione History: mass on right lateral thigh r/o lipoma vs MCT vs STS vs others
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX, ABDOMEN AND HIND LIMBS

Canine A high-resolution post-contrast CT study of the thorax, abdomen and hind limbs is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Saint Bernard Mix **Thorax**

SEX

The bony and surrounding soft tissue structures are within normal limits.

Neutered Male

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

AGE

6 Years

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The lung parenchyma presents the expected architecture and attenuation behavior but small regions of dystelectasis of the ventral aspects of the cranioventral aspects of the lung.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

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Abdomen

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

REFERRING VET

Village AH

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.

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

INVOICE

17880

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

DATE

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

Skippy Mangione

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

SPECIES

Canine

Multiple small gas inclusions are appreciated in the subcutaneous tissue along the left caudal segment of the lumbar spine.

BREED

Saint Bernard Mix

The hypogastric lymph nodes are small, unremarkable

Hind Limbs

The periarticular bones of both coxofemoral joints present mild to moderate osteophyte new bone formation. The acetabular groove bilaterally is shallow.

SEX

Neutered Male

In the right popliteal region, proximal to the right popliteal lymph node and in the fascial plane medial to the right biceps femoris muscle, a heterogeneous contrast enhancing ovoid shaped mass, measuring 6.5 x 5.1 x 5.7 cm in size. The sciatic nerve is coursing along the caudal surface of the mass. The right popliteal lymph node is mildly prominent in comparison to the contralateral limb.

AGE

6 Years

The osseous structures of both stifle joints are well-defined and there is no evidence of intracapsular soft tissue swelling. The osseous and soft tissue structures of the distal aspects of both hind limbs present no abnormalities.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass caudodistal aspect left thigh without signs of osseous involvement
- Degenerative osteoarthritis coxofemoral joints bilaterally, due to hip dysplasia
- Normal thorax but dystelectasis of the lung, no signs of pulmonary metastatic disease
- Normal abdomen

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is consistent with a soft tissue mass at the caudodistal aspect of the left thigh and sarcoma or mast-cell tumor are considered as the top differentials. If not done so yet, FNA sampling ± biopsy of the mass are recommended for further differentiation. Complete surgical excision of the mass appears feasible – be aware of the close proximity of branches of the sciatic nerve; as the mass is in close contact with the surrounding musculature, there might be an increased risk of reoccurrence – depending on the biopsy results.

REFERRING VET

Village AH

INVOICE

Recommend FNA sampling of the right popliteal lymph node to rule out metastatic disease.

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PATIENT

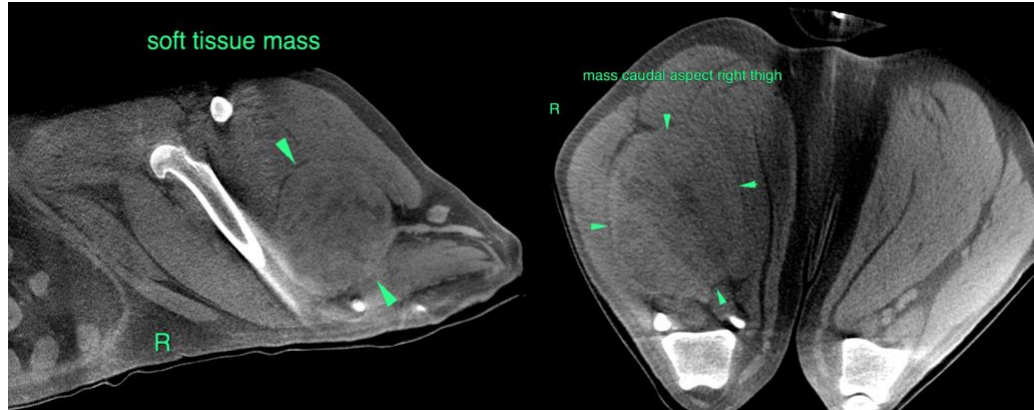
Skippy Mangione

SPECIES

Canine

BREED

Saint Bernard Mix



SEX

Neutered Male

AGE

6 Years

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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REFERRING VET

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