



PATIENT

Cash McKenzie

PRESENTING CLINICAL SIGNS

Right anal sac carcinoma with metastasis to medial iliac lymph node -- removed May 5th 2021. Completed treatment with carboplatin September 30, 2021. Most recently noted to have left anal sac thickening (about 2 months ago), unchanged since first noted. Hx of Mitral valve disease. CT for staging.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Grade 2/6 systolic murmur Mild thickening left anal sac similar as before

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COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

A pre- and post-contrast CT study of the thorax and abdomen in a bone, lung and soft tissue reconstruction are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

MN

Thorax

A small intramuscular lipoma is seen in the caudoventral aspect of the right serratus ventralis muscle.

AGE

12 Years

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.

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

The lung parenchyma presents the expected architecture and attenuation behavior.

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

Abdomen

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

REFERRING VET

Jérôme Gagnon,
DVM, DACVIM
(Oncology)

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.

The left medial liver lobe presents with a roundish parenchymal filling defect, measuring 8 mm in diameter.

INVOICE

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In the body of the spleen, a spherical, uniform soft tissue attenuating and moderate contrast enhancing spherical mass, measuring 4.7 cm in diameter is appreciated.

DATE

6-21-22

The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.



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

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

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The right anal sac is not appreciated. The left anal sac contains a small amount of fluid attenuating material.

One sacral lymph node is significantly enlarged, rounded and has a heterogeneous contrast enhancement pattern; the descending colon/rectum are deviated ventrally and distorted.. The right medial iliac lymph node is prominent.

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In the subcutaneous tissue at the left dorsolateral aspect of L5/L6, a well-defined, soft tissue attenuating nodule is visible, measuring 8 mm in diameter.

Both coxofemoral joints present mild osteophyte new bone formation.

SEX

MN

An intermuscular lipoma is seen at the caudal aspect of the right thigh, measuring up to 2.3 cm in size. In the subcutaneous tissue at the medial aspect of the left thigh, a well-defined lipoma is appreciated.

AGE

12 Years

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of right sided excision of an anal sac adenocarcinoma
- Lymphadenopathy sacral lymph node and mild lymphadenopathy right medial iliac lymph node
- Soft tissue mass body of spleen
- Hepatic cyst
- Intramuscular lipoma right serratus ventralis muscle
- Lipomas hind limbs bilaterally
- Mild degenerative osteoarthritis coxofemoral joints bilaterally
- Non-specific subcutaneous nodular dorsal to lumbar spine
- No evidence of pulmonary metastatic disease

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The enlarged sacral lymph node is consistent with metastatic disease of the known anal sac adenocarcinoma. The prominent right medial iliac lymph node is suggestive for metastatic disease as well.

REFERRING VET

Jérôme Gagnon,
DVM, DACVIM
(Oncology)

The splenic mass can present benign mass such as nodular hyperplasia or primary splenic neoplasia (e.g. hemangiosarcoma, round cell tumor, hemangioma) or metastatic disease. Ultrasound guided FNA sampling can be used as advanced minimally invasive diagnostic tool.

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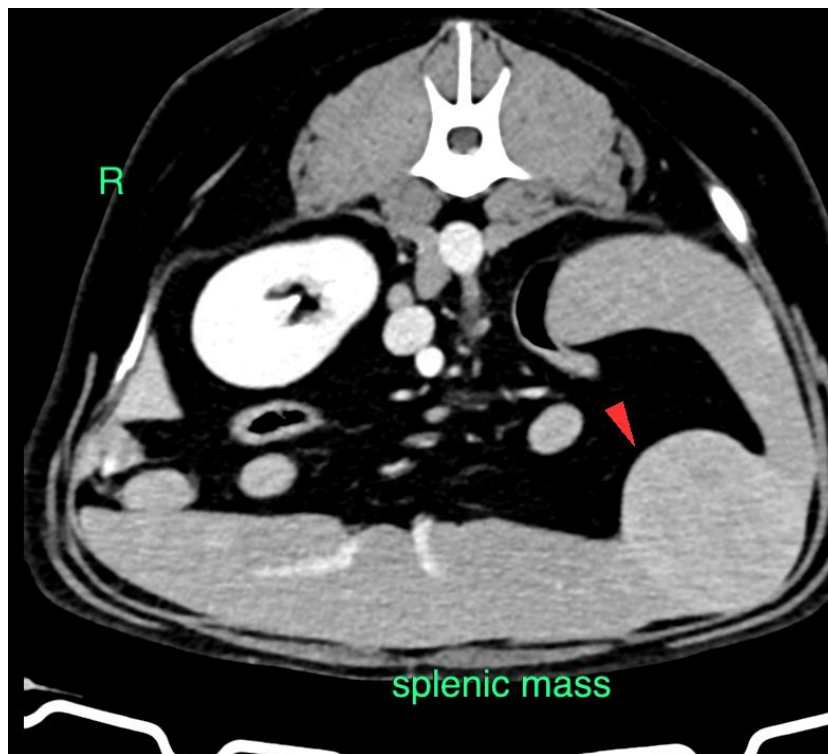
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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