



PATIENT

Mylo Arun Chandra
Kumar

PRESENTING CLINICAL SIGNS

Patient was presented with primary complaint of having a mass around the anus for a few months already but recently noticed the mass became bigger. Mylo been straining to defecate, with unusual fecal shape. Mylo is an outdoors active dog, with heartworm prevention not up-to-date. Upon physical, Mylo is timid, alert and responsive, good body condition score. Grade 2 heart murmur auscultated on the left side, owner said no obvious coughing or exercise intolerance noticed. Rectal digital palpation felt a round firm mass at 4 to 5 o'clock region, compressing about 50% of rectal lumen. From external, the mass is mildly protruding from the right perineum at around 9cmX6cm big. Lactulose was dispensed. Full blood test taken and attached along with this report. Blood test showed leucocytosis and mildly elevated ALT.

SPECIES

Canine

BREED

Mongrel

Abnormal PE/Chem/CBC/UA Results: Blood test showed leukocytosis and mildly elevated ALT.

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

SEX

Plain and post contrast studies in soft tissue windows available for review.

Male

COMPUTED TOMOGRAPHIC FINDINGS

AGE

8

An irregular shaped right sided perianal soft tissue mass of approximately 7.5 cm length, 6.0 cm width, and 3.5 cm height is seen. Severe leftward deviation and compression of the nasal sphincter and rectum is seen. The mass is in the position of the right anal sac. The left anal sac presents within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Severe multiple right sided sacral, hypogastric, and medial iliac lymphadenomegaly is seen with severe enlargement, rounding, and heterogeneous enhancement of the lymph nodes. The right medial iliac lymph nodes measure 6.5 x 5.5 cm. The hypogastric lymph nodes measure 8.8 x 5.7 cm. The sacral lymph nodes measure 5.0 x 3.5 cm. The left sacral, hypogastric, and medial iliac lymph nodes are moderately enlarged.

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The multiple sublumbar lymphadenomegaly causes a severe mass effect with deviation and compression of the descending colon and rectum. A moderate amount of inspissated fecal matter is seen in the descending colon and rectum.

The kidneys, adrenal glands, gastrointestinal tract, and pancreas present within normal limits.

REFERRING VET

Dr. Sivan

The remainder of the abdominal lymph nodes present within normal limits.

An expansile heterogeneously enhancing mass of 3.7 cm diameter is seen in the splenic body.

INVOICE

51254

Small focal mineralization of the liver is noted in its left division. The remainder of the liver presents within normal limits in terms of shape, size, attenuation, and enhancement.

The gallbladder, extrahepatic biliary ducts, and common bile duct present within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

3-29-22

- Large soft tissue mass of the right anal sac meeting neoplastic criteria.
- Multiple severe sublumbar lymphadenomegaly compatible with metastatic disease.
- Severe deviation and compression of the descending colon and rectum secondary to the mass


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- effect of the enlarged lymph nodes.
- Expansile splenic mass.
 - Small and presumably uncomplicated mineralization of the liver - unlikely to be of clinical significance.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a neoplastic of the right anal sac. Adenocarcinoma is considered by far most likely.

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The lymph node changes in the hypogastrium are compatible with multiple metastatic disease to the sacral, hypogastric, and medial iliac lymph nodes.

SEX

Male

Differential diagnosis for the splenic mass includes hematoma, benign nodular hyperplasia, primary neoplasia of the spleen, and metastases. Consider splenectomy should the owner opt for surgical excision of both the anal sac mass and the sublumbar lymph node metastases.

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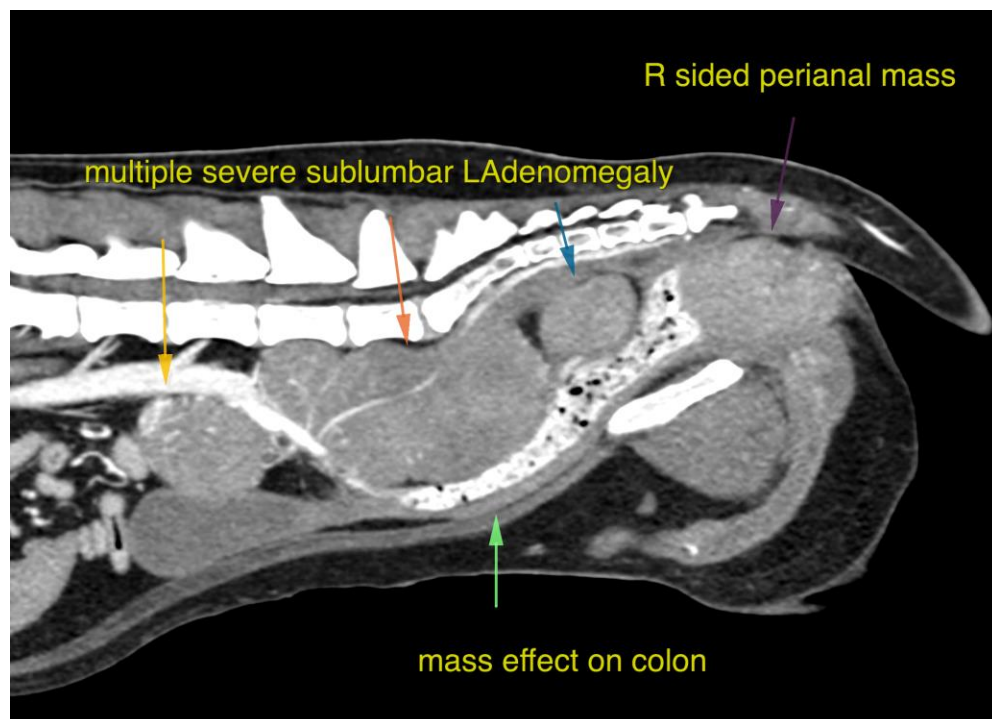
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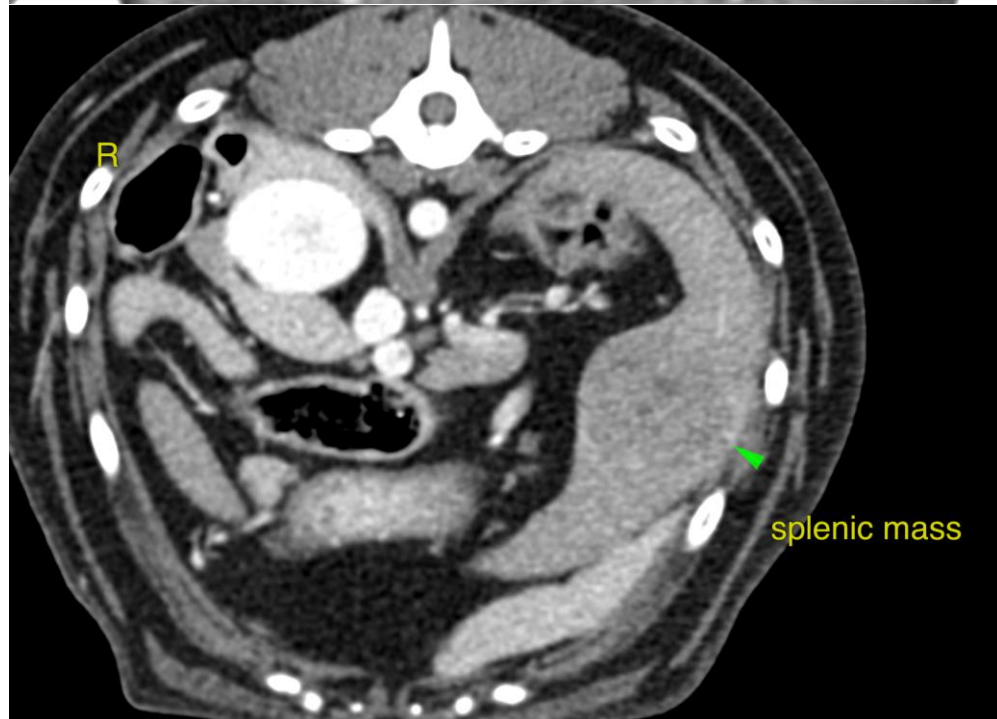
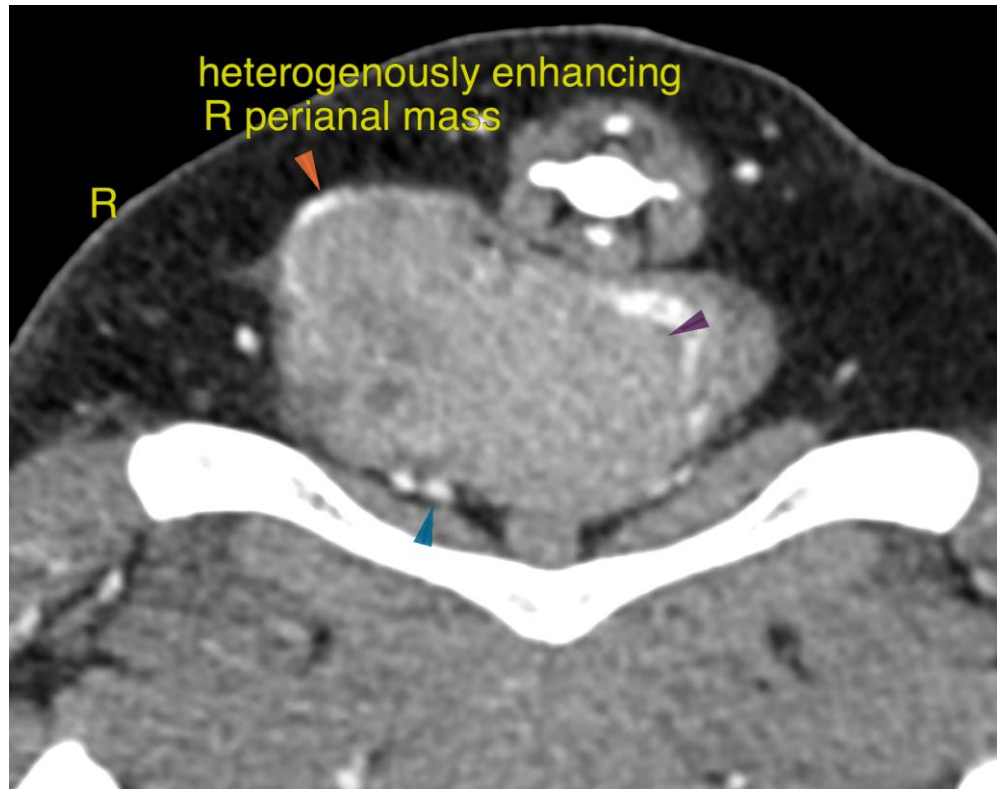
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

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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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