



PATIENT PRESENTING CLINICAL SIGNS

Zed Schneider
 May 29 swelling and erythema both sides along the prepuce , groin area, with fluid filled vesicles. Yellow discharge from the prepuce was cultured positive for 4+ Beta-haemolytic streptococcus, 4+ pseudomonas aeruginosa, and 3+ Citrobacter koseri, treated with marbofloxacin. Cytology consistent with maglinant neoplasia- round cell. Biopsy revealed lymphagiosarcoma. CT for staging and possible surgical planning.

SPECIES
 Canine
 Abnormal PE/Chem/CBC/UA Results: Palpable superficial mass: 14 x 10 cm irregular mass in inguinal region, serous discharge in some areas.

BREED COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

Golden Retriever
 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
Thorax

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

AGE
 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.

8 Years
 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.

HOSPITAL NAME
 Animal Health Partners
 Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

Abdomen

There is no evidence of peritoneal effusion or peritonitis.

REFERRING VET
 Dr. J. Gagnon
 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
 The liver presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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 In the distal aspect of the cranial extremity of the spleen, a mild hypoattenuating and mild heterogeneous contrast enhancing nodular parenchymal lesion is seen measuring 2 cm in diameter; the nodular parenchymal splenic lesion causes mild convex bulging of the splenic capsule at the same level.

DATE
 7-25-22
 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



PATIENT normal limits throughout.

Zed Schneider

A significant swelling of the subcutaneous fat along the caudoventral abdominal wall is present, presenting a homogeneous soft tissue pattern (10HU). In the retroperitoneal space, level with the external iliac arteries bilaterally, a significant amount of fluid attenuating material is appreciated (8 HU); the medial iliac lymph nodes appear to be embedded within the fluid attenuating material and can be seen as irregular streak like structures lateral to the aorta bilaterally.

SPECIES

Canine

COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

Golden Retriever

- History of lymphangiosarcoma inguinal region involving the region of the medial iliac lymph nodes bilaterally with local fluid accumulation
- Nodular splenic parenchymal lesions
- Structural normal thorax

SEX

MN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The subcutaneous swelling and swelling level with the medial iliac lymph nodes is considered as a sequela to confirmed lymphangiosarcoma. There is a nodular lesion of the spleen, concerning for metastatic disease; a differential is nodular hyperplasia. Ultrasound guided FNA sampling can be used as advanced minimally invasive diagnostic tool.

AGE

8 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVCI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

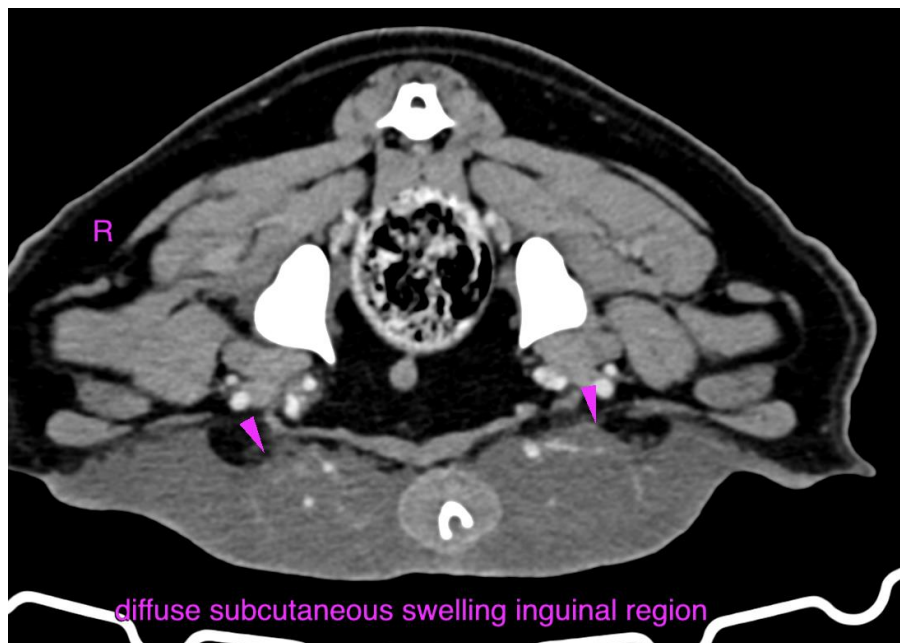
Dr. J. Gagnon

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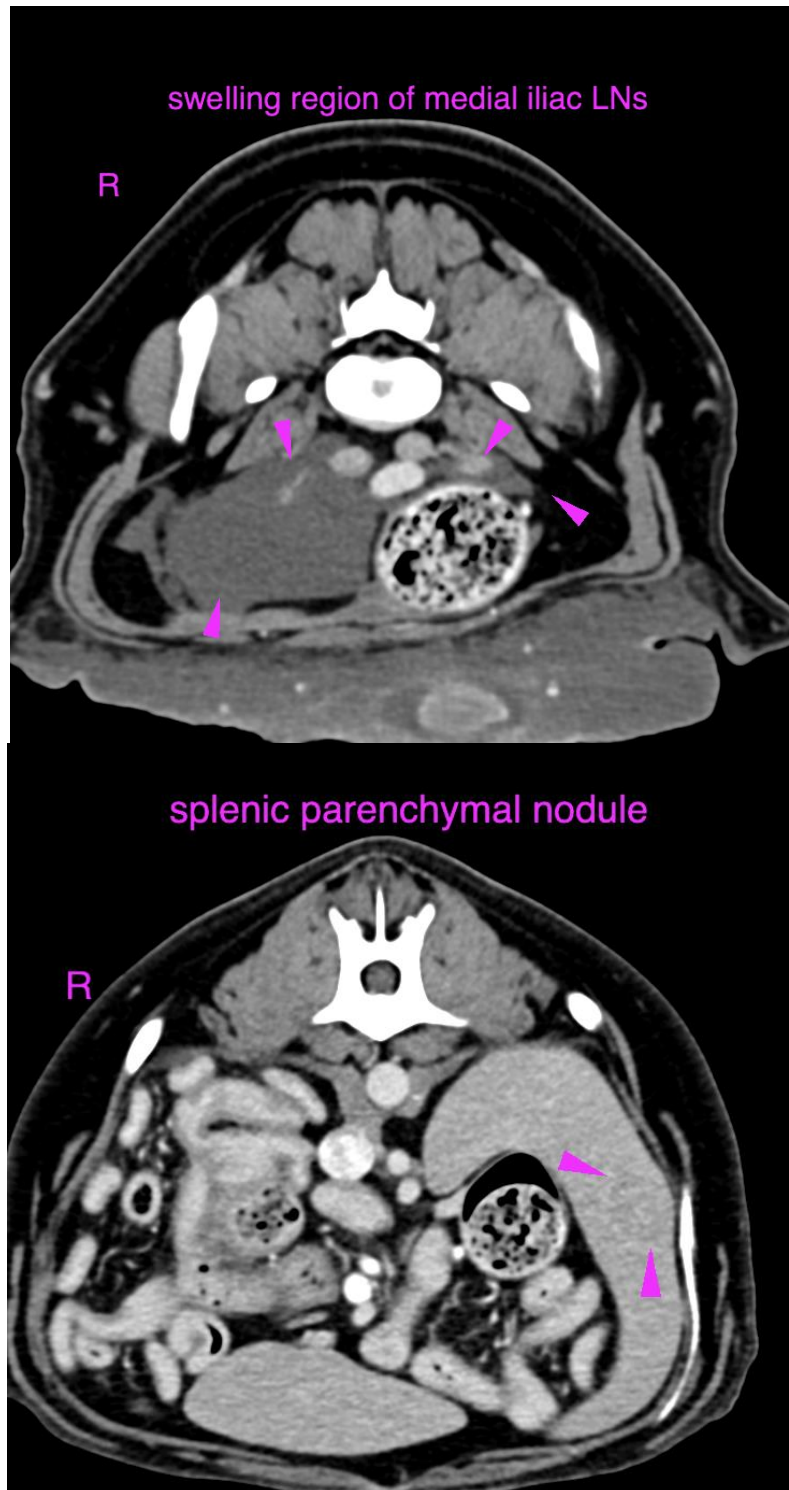
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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