



PATIENT

Ginny Glocar

PRESENTING CLINICAL SIGNS

O presents P for a CT. RDVM saw a splenic mass on ultrasound, presents for a ct today. rDVM chest rads - wnl (images not available). CBC/chem - wnl. UA 3/09 - USG 1.025, neg bacteria/sediment. Recent UTI 2/26 Rx Clavamox

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies available for review.

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Irish Setter

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

Motion related streak artifacts interfere with the assessment of the cranial abdomen.

SEX

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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.

AGE

9

A 4.5 cm sized hypoenhancing expansile mass of the splenic tail is seen. The mass presents predominance of peripheral enhancement. However, mild nonuniform internal enhancement can be seen as well.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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.

HOSPITAL NAME

Wilvet Salem

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

One of the right hypogastric and sacral lymph nodes is enlarged and rounded. The enlarged hypogastric lymph node measures 1.5 cm in diameter. The enlarged sacral lymph node measures 1.5 cm in diameter as well.

REFERRING VET

Anna Wepprich

Thorax

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

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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 are uniform and considered within normal limits.

DATE

3-26-23

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.



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The lung parenchyma presents the expected architecture and attenuation behavior.

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

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Expansile heterogeneously enhancing mass of the splenic tail.
- Moderate right hypogastric and sacral lymphadenomegaly.
- Normal CT findings of the lung and bronchial tree.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study confirms presence of a large expansile mass within the splenic tail. The findings meet neoplastic criteria. Hemangioma and hemangiosarcoma are primary differential diagnoses. Other neoplasia including lymphosarcoma cannot be ruled out entirely. Benign nodular hyperplasia and hematoma are considered less likely. Splenectomy is recommended.

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The changes of the right hypogastric and sacral lymph nodes meet neoplastic criteria as well. Lymphomatous and metastatic infiltrate are the primary differential diagnoses. Presence of a mass in the perineal and perianal area should be ruled out and fine needle aspiration of the lymph nodes could be considered under ultrasonographic guidance, even though the access may be limited at least for the enlarged sacral lymph node.

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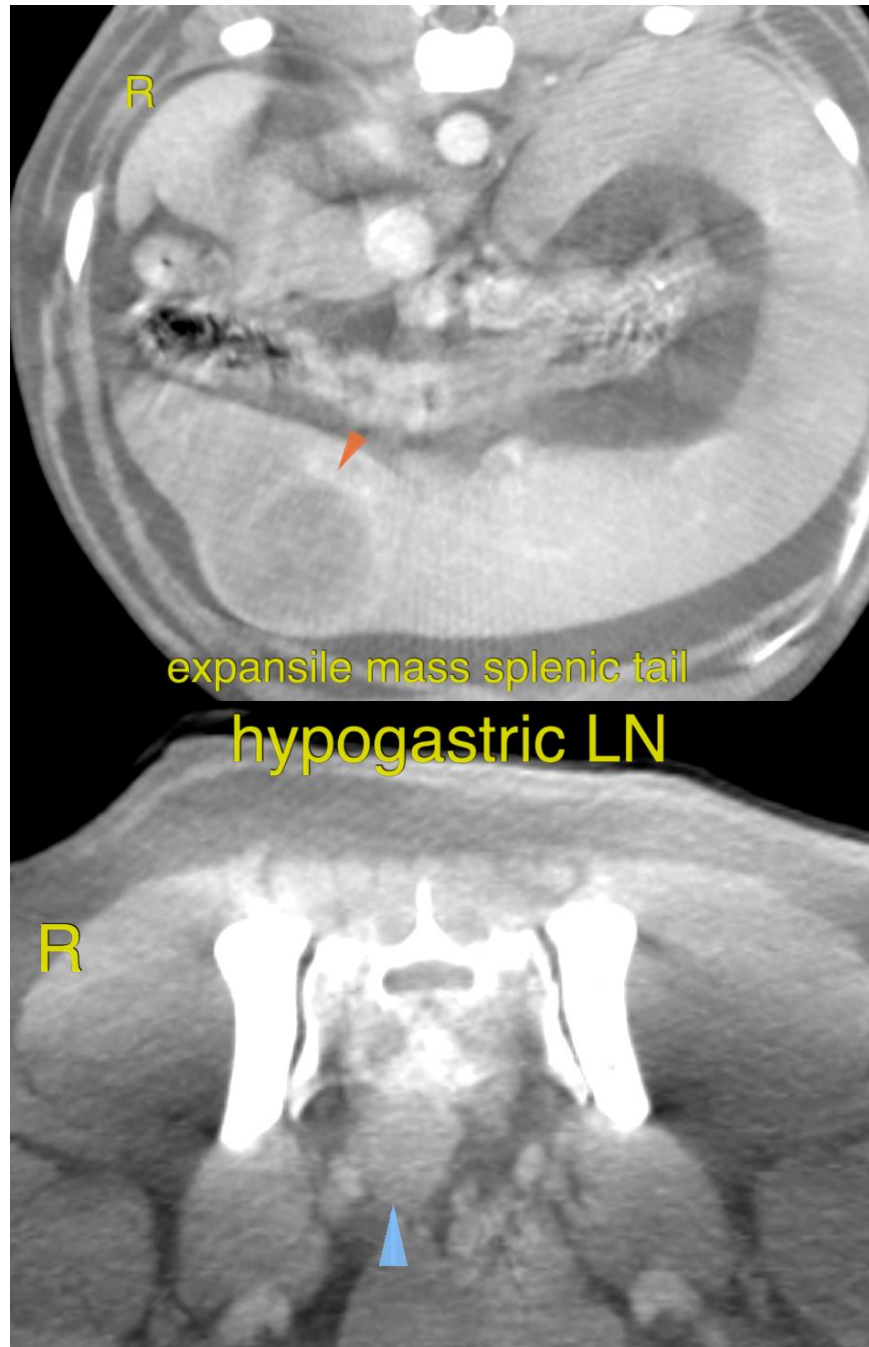
Anna Wepprich

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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.

SPECIES

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