



PATIENT PRESENTING CLINICAL SIGNS

Lucy Raon Bile acids > 180 Rule out liver shunt

COMPUTED TOMOGRAPHY OF THE ABDOMEN

SPECIES A high resolution pre- and post-contrast CT study of the abdomen is provided for review.

Canine

COMPUTED TOMOGRAPHIC FINDINGS

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

Yorkshire Terrier

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.

SEX

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

Female Spayed

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

AGE

2 Years

The hepatic volume is moderately decreased. In the quadrate liver lobe, a well-defined, pre- and post-contrast administration, hypoattenuating lesion, demarcated by a thin contrast enhancing capsule is visible, measuring 1.5 cm in diameter and 1.7 cm in length is visible, depressing the gallbladder at the same level.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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. Originating from the segment of the splenic vein draining the caudal extremity of the spleen, an anomalous vascular loop is coursing caudally and laterally, dividing into multiple small vessels which are bending dorsally and cranially. The smaller vessels are merging again to one vessel, draining to the left renal vein from the caudal aspect. Originating from the stomach, multiple small tortuous vessels are extending along the caudal segment of the esophagus.

HOSPITAL NAME

Mobile Pet Imaging

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

REFERRING VET

Meaux

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

The bony and surrounding soft tissue structures reveal no abnormalities.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Microhepatica with cavitory lesion quadrate liver lobe
- Multipled acquired portosystemic shunts, spleno-gonadal vein and esophageal varices

DATE

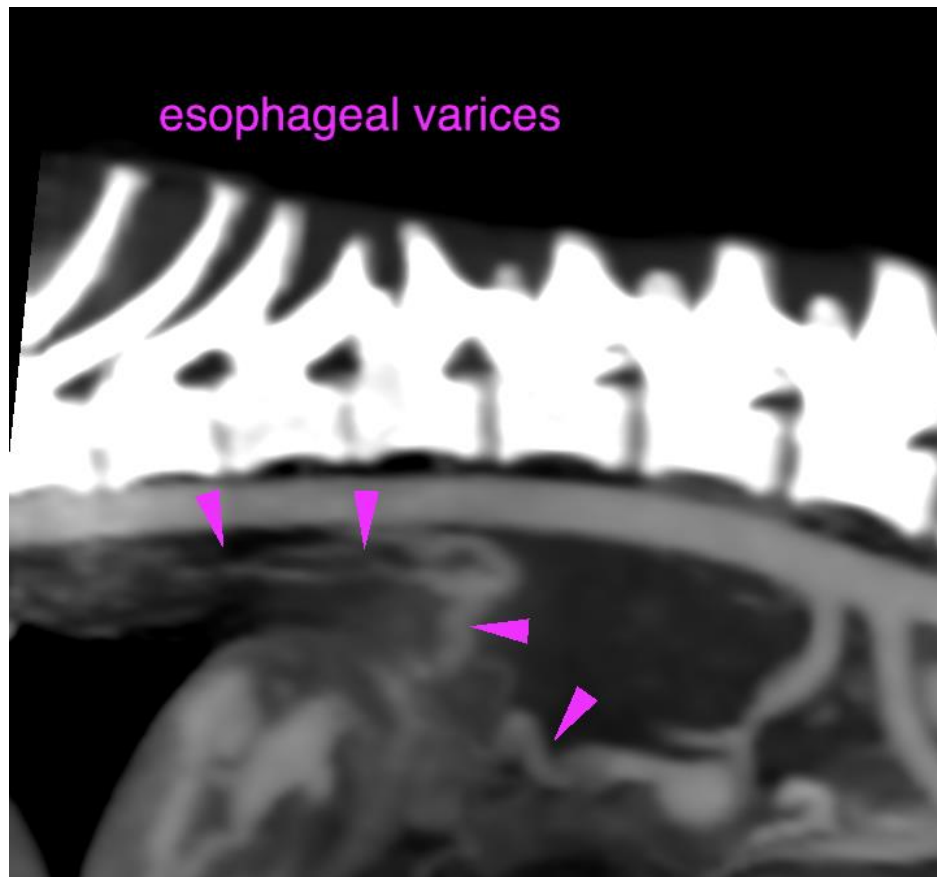
2-23-22



PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

PATIENT Lucy Raon
SPECIES Canine
BREED Yorkshire Terrier
SEX Female Spayed
AGE 2 Years
INTERPRETED BY Sebastian Schaub, DVM
Dr. med. vet. DipECVDI
HOSPITAL NAME Mobile Pet Imaging
REFERRING VET Meaux

The findings are compatible with primary hepatic parenchyma disease – such as hepatic cirrhosis/fibrosis (congenital versus acquired) – with secondary portal hypertension and acquired portosystemic shunting. The cavitory lesion level with the quadrate liver lobe is most consistent with simple hepatic cyst. Hepatic biopsy would be ideal as advanced diagnostic test and decision making for palliative treatment options.



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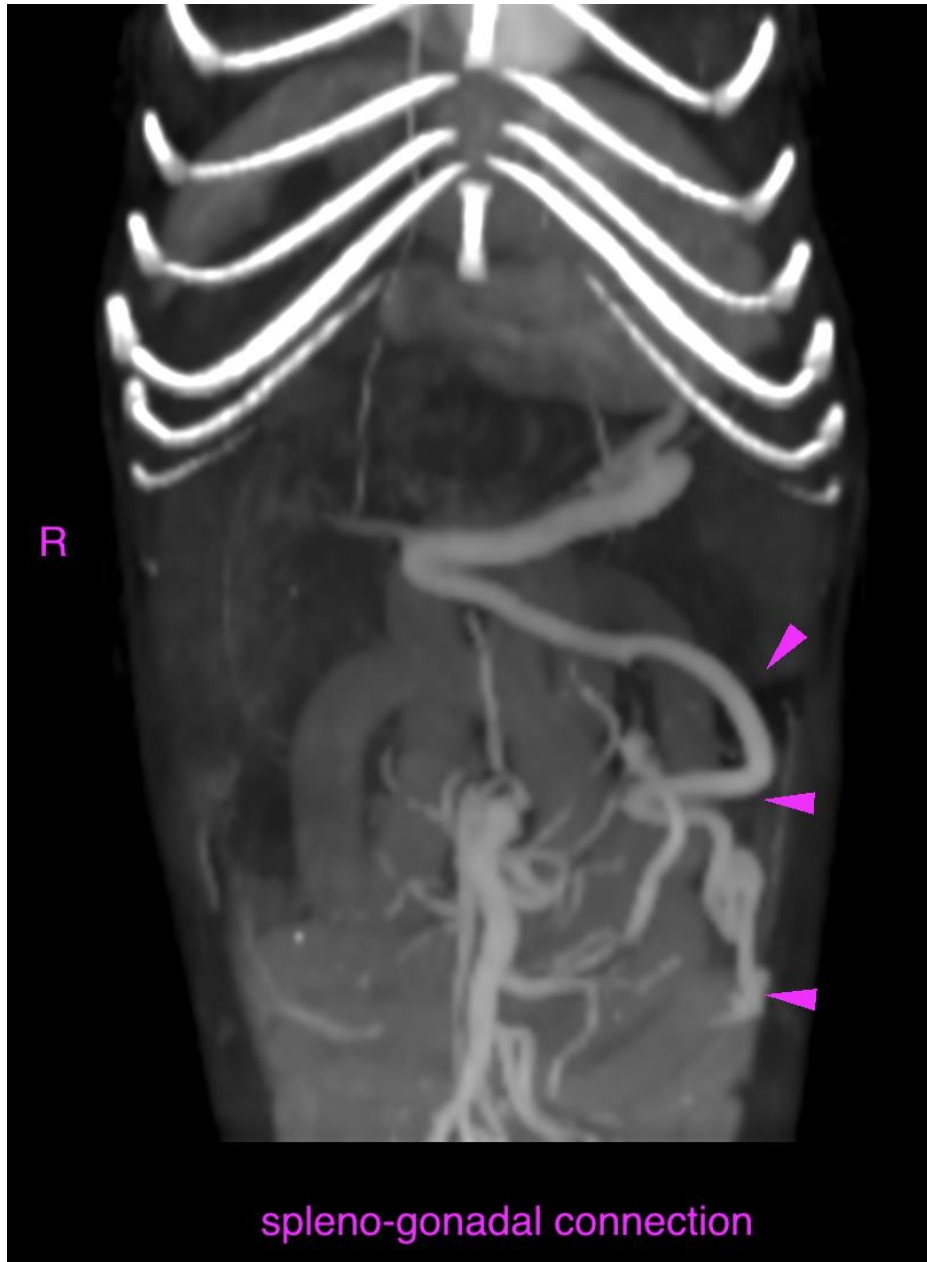
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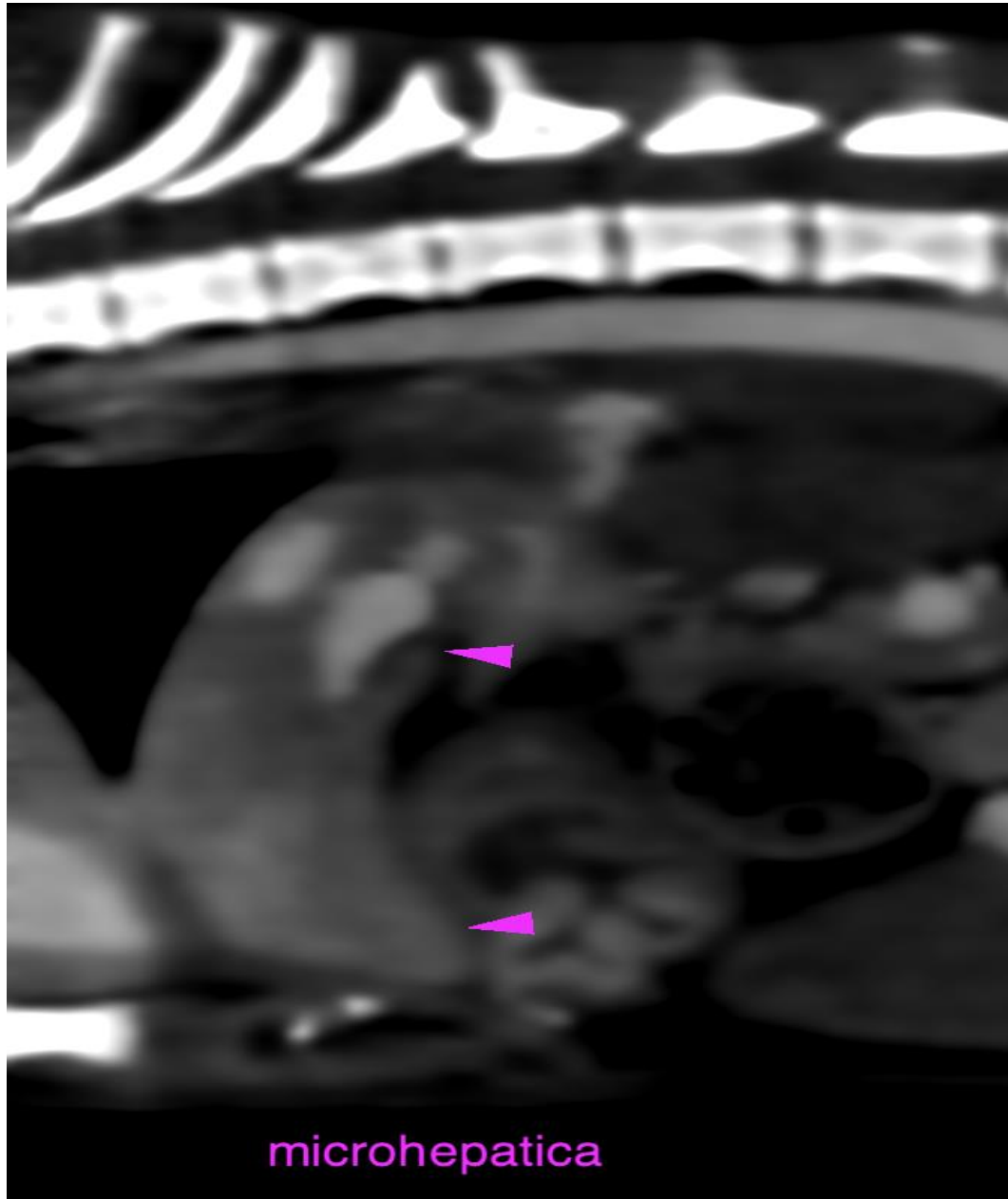
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PATIENT The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Lucy Raon

SPECIES

Canine

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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SEX

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