



PATIENT PRESENTING CLINICAL SIGNS

Charlie Fuenmayor History: Elevated bile acids, suspect liver shunt.
Abnormal PE/Chem/CBC/UA Results: Bile acids 75, post 109.5

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED

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

SEX

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.

Intact Male

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

AGE

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

16 Weeks

The hepatic volume is moderately decreased. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The right gastric vein is significantly dilated and can be appreciated along the minor curvature of the stomach. Originating from the dilated right gastric vein, approximately level with the dorsal aspect of the fundus of the stomach, a short anomalous vascular loop is coursing medially draining into the caudal vena cava from the left, cranial to the left renal vein; the anomalous vascular loop is measuring 4.6 mm in diameter. Level with the origin of the anomalous vascular loop, the right gastric vein is forming an arcade with the left gastric vein. The intrahepatic branches of the portal vein are not seen.

HOSPITAL NAME

Mobile Pet Imaging

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

REFERRING VET

Dr. 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.

INVOICE

15959

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Single congenital extrahepatic portosystemic shunt, right gastric vein to caudal vena cava (right gastric shunt)
- Atrophy of the intrahepatic branches of the portal vein

DATE

6/9/22



PATIENT

- Microhepatica

Charlie Fuenmayor

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are consistent with a congenital single extrahepatic portosystemic shunt originating from the right gastric vein. Secondary microhepatica.

SPECIES

Canine

Surgical intervention by a slow progressive closure technique (ameroid constrictor, cellophane banding) is the therapy of choice. Empirical treatment until surgery along with feeding of a hepatic diet is recommended.

BREED

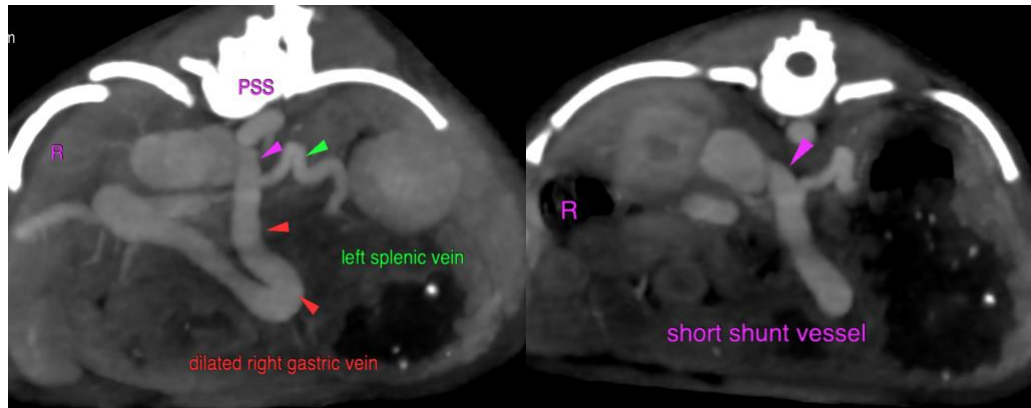
Yorkie

SEX

Intact Male

AGE

16 Weeks



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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.

HOSPITAL NAME

Mobile Pet Imaging

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
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REFERRING VET

Dr. Meaux

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