



PATIENT

Sunshine Sherman

PRESENTING CLINICAL SIGNS

Sunshine presents to MVCT for a CT scan for a possible Portosystemic Shunt. Sunshine has a history whining, inappetence, and mild neurologic symptoms consistent with shunt. Abnormal PE/Chem/CBC/UA Results: 6/11/2022 Bile Acids Pre- 368.1 (0.0-14.9umol/L) Post-Prandial - 467.6 (.0-29.9umol/L) 6/9/2022 Chemistry ALT - 971 (18-121 U/L) ALP - 318 (5-160 U/L)

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE ABDOMEN

A pre- and post-contrast CT study of the abdomen in a bone and soft tissue reconstruction is provided for review.

BREED

Maltese X

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX

M

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.

AGE

9 Months

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

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

HOSPITAL NAME

Mobile Veterinary CT

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 4.1 mm in diameter. The intrahepatic branches of the portal vein are not seen.

REFERRING VET

Erin Henderson, DVM

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 normal limits throughout.

The ribs of T13 are fused to the vertebral body.

INVOICE

52469

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
- Microhepatica

DATE

6-15-22



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HOSPITAL NAME

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REFERRING VET

Erin Henderson, DVM

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.

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.



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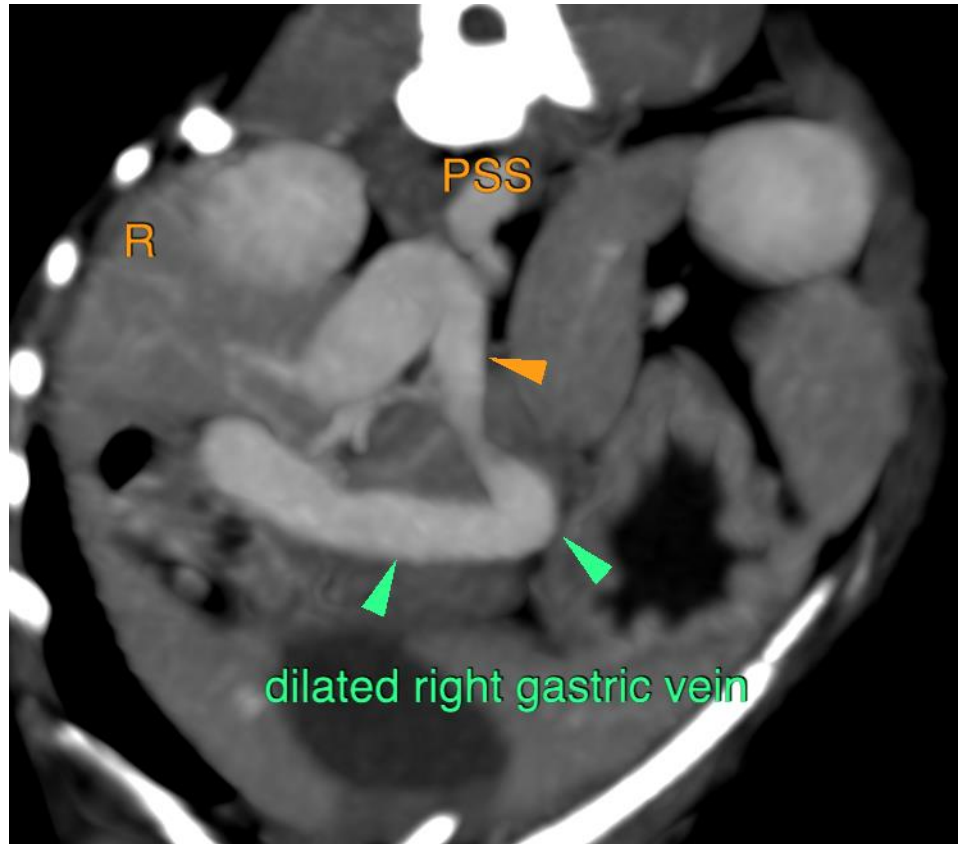
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REFERRING VET

Erin Henderson, DVM

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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