



PATIENT PRESENTING CLINICAL SIGNS

Charlie Perry Suspect liver shunt. Previous uroliths.
Abnormal PE/Chem/CBC/UA Results: Bile acids 100.2, post 140.6 UA: 4+ Ammonium biurate crystals

SPECIES COMPUTED TOMOGRAPHY OF THE ABDOMEN

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

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

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. Multiple small (<1.5 mm), faintly hyperattenuating calculi are seen on the ventral urinary bladder wall.

SEX

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

Neutered Male

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

AGE

4 Years

The right gastric vein is moderately dilated and can be followed along the minor curvature of the stomach. The right & left gastric vein are forming an arcade – level with the junction between the right & left gastric vein, an anomalous vascular loop is coursing dorsally and bending medially, draining into the caudal vena cava – cranial to the celiac artery. The anomalous vascular loop is measuring 3.0 mm in diameter, just lateral to the caudal vena cava.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The diameter of the portal vein is tapering progressively in its course cranially up to the hilar region of the liver.

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

HOSPITAL NAME

Mobile Pet Imaging

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.

REFERRING VET

Meaux

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

51949

- Single congenital extrahepatic portosystemic shunt, right gastric vein to caudal vena cava (right gastric shunt)
- Arcading of the left & right gastric vein
- Microhepatica
- Cystolithiasis – history of ammonium urate

DATE

5-5-22



PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Charlie Perry

The CT study is confirming the suspicion of portosystemic shunt with the shunt originating from the vascular arcade formed of the right & left gastric vein with short anomalous vascular loop originating from the junction between the right & left gastric vein. Surgical intervention by a slow progressive closure technique (ameroid constrictor, cellophane banding) is the therapy of choice. Empirical treatment until functional shunt closure along with feeding of a hepatic diet is recommended.

SPECIES

Canine

BREED

Papillon

SEX

Neutered Male

AGE

4 Years

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REFERRING VET

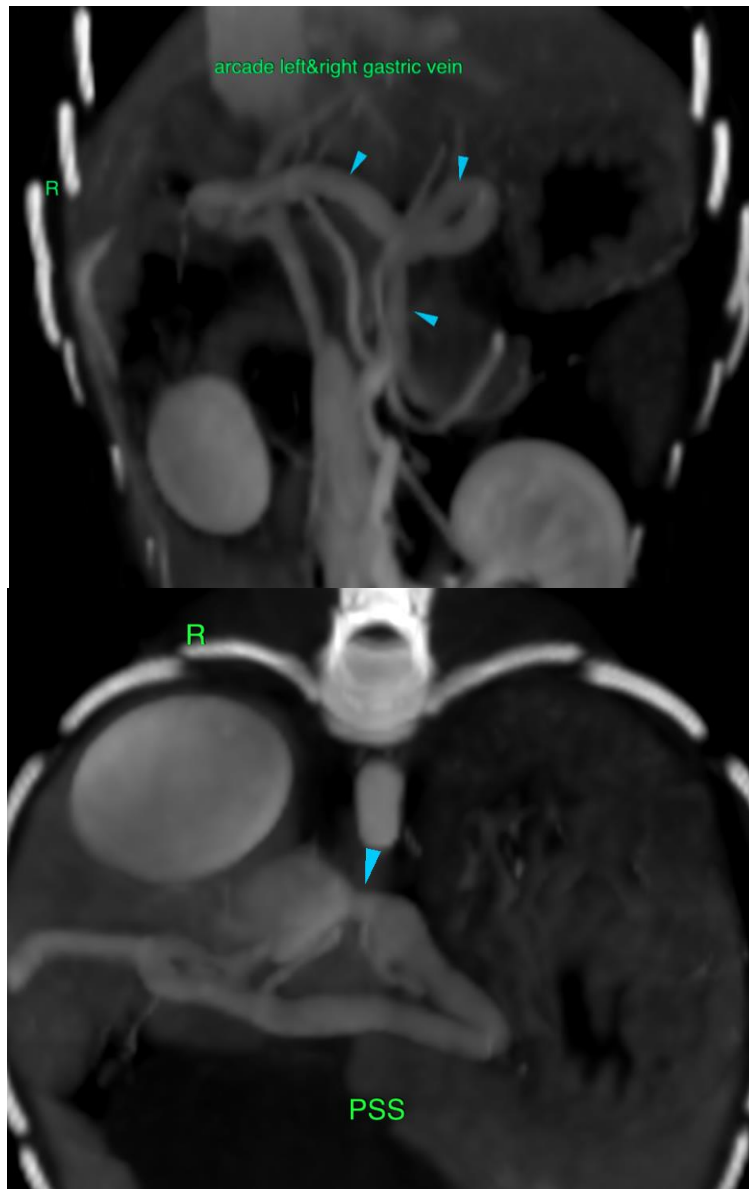
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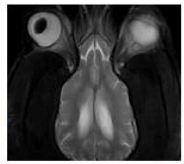
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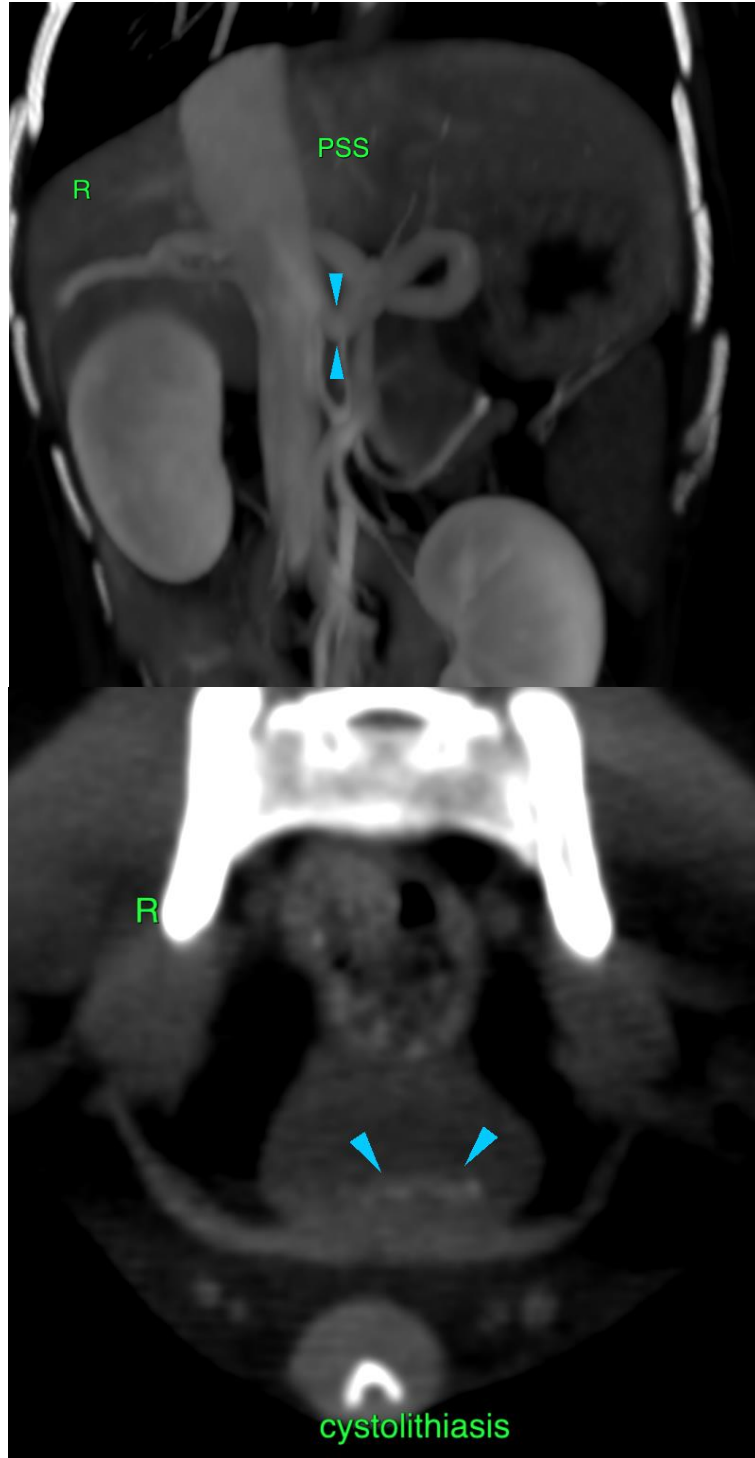
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PATIENT

Charlie Perry

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.

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.

BREED

Papillon

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Neutered Male

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