



PATIENT PRESENTING CLINICAL SIGNS

Oreo Witt History: Patient presented for Abdominal CT scan for suspected Liver Shunt.
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Maltipoo In the mid abdomen, the serosal fat presents a mild to moderate soft tissue striation.

SEX

Neutered Male

Both kidneys present with irregular margins with concave depressions of the surface The renal pelvis of the right kidney is moderately dilated, measuring up to 8 mm in width. In the lateral aspect of the cortex of the left kidney, a well-defined, roundish hypoattenuating parenchymal filling defect is visible, measuring 10 mm in diameter.

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

AGE

7 Years

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The right gastric vein is moderately dilated and can be appreciated along the smaller curvature of the stomach. An anomalous vascular loops is originating from the right gastric vein, coursing dorsally and medially, draining into the caudal vena cava, cranial to the left renal vein. The anomalous vascular loop is measuring 6.5 mm lateral to the caudal vena cava. The portal vein cranial to the gastroduodenal vein presents a moderately decreased diameter; the intrahepatic portal branches can be appreciated up to 3-degree vessels.

HOSPITAL NAME

Mobile Pet Imaging
CFL

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

Dr. Borecky

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

14448

DATE

3/23/22

- Single congenital extrahepatic portosystemic shunt, right gastric vein to caudal vena cava (right gastric shunt)
- Mild peritoneal effusion
- Right sided mild pyelectasis without signs of mechanical obstruction
- Chronic nephropathy



PATIENT • Renal cortical cyst left kidney

Oreo Witt

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The current CT study is consistent with a congenital single extrahepatic portosystemic shunt (right gastric vein to caudal vena cava).

Surgical intervention by a slow progressive closure technique (ameroid constrictor, cellophane banding) is the therapy of choice. Ligation of the shunt vessel may be feasible as well if there is no evidence of portal hypertension during digital compression of the shunting vessel. Empirical treatment until surgery along with feeding of a hepatic diet is recommended.

BREED

Maltipoo

There is evidence of mild peritoneal effusion without a specific underlying cause, potentials include transudate versus exudate, preceding cystocentesis/abdominal puncture. Ultrasound may allow tapping the mild amount of peritoneal effusion for further definition.

SEX

Neutered Male

The dilated right renal pelvis can be a sequela to preceding inflammatory causes (e.g., pyelitis) or chronic nephropathy.

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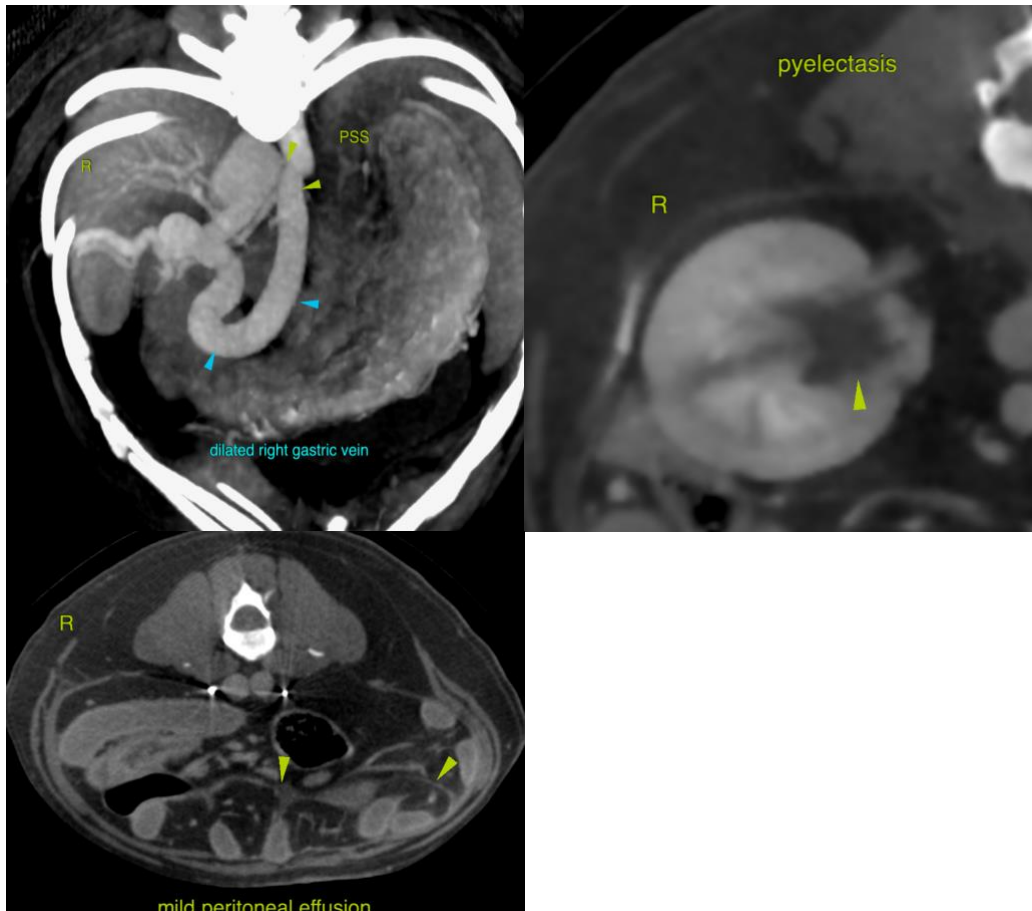
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PATIENT The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Oreo Witt

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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Maltipoo

SEX

Neutered Male

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