



PATIENT

Chichi De Santis

SPECIES

Canine

BREED

Chihuahua Mix

SEX

FS

AGE

7Y

WEIGHT

8.4lbs

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

IMAGING PERFORMED BY

Mobile Pet Imaging

HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

Roman

INVOICE

72638

DATE

11-17-25

PRESENTING CLINICAL SIGNS

chronic PU/PD, suspected liver shunt based on bloodwork values

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

A vascular shunt of 6mm diameter is identified connecting the splenic vein to a dilated phrenic vein which feeds into the caudal vena cava level with the diaphragm from the left hand side.

The liver demonstrates mild microhepatica with otherwise normal unremarkable parenchyma and reduced portal vein branching. The portal vein diameter decreases abruptly to the shunt origin.

Bilateral renal microliths are present within the renal pelvis with no evidence of obstruction at the time of the examination. Mild bilaterally symmetric renomegaly is noted.

Evidence of urinary bladder calculi is not seen.

Mild bilaterally symmetric adrenomegaly is present.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Congenital extrahepatic portosystemic splenophrenic shunt.
- Mild microhepatica.
- Mild bilateral renomegaly and adrenomegaly.
- Bilateral renal microlithiasis.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The imaging findings are consistent with a single congenital extrahepatic portosystemic shunt correlating with the patient's clinical history suggesting hepatic dysfunction. Microhepatica reflects reduced hepatic perfusion secondary to shunting.

Renal microliths are likely a consequence of hyperammonemia and ammonium urates. Evidence of renal pelvis obstruction is not seen at the time of the examination.

The mild adrenomegaly is compensatory and a consequence of hyperperfusion.

Surgical or interventional correction of the shunt is recommended in order to correct for the hepatic insufficiency. Medical and dietetic management are recommended supplementary.



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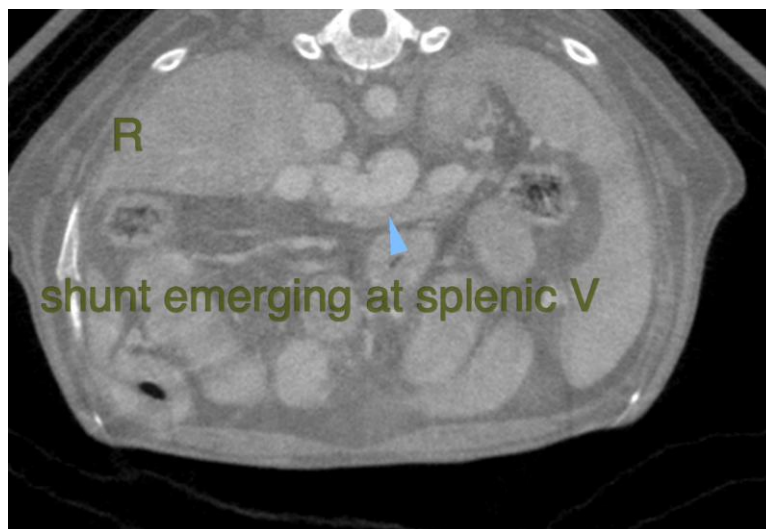
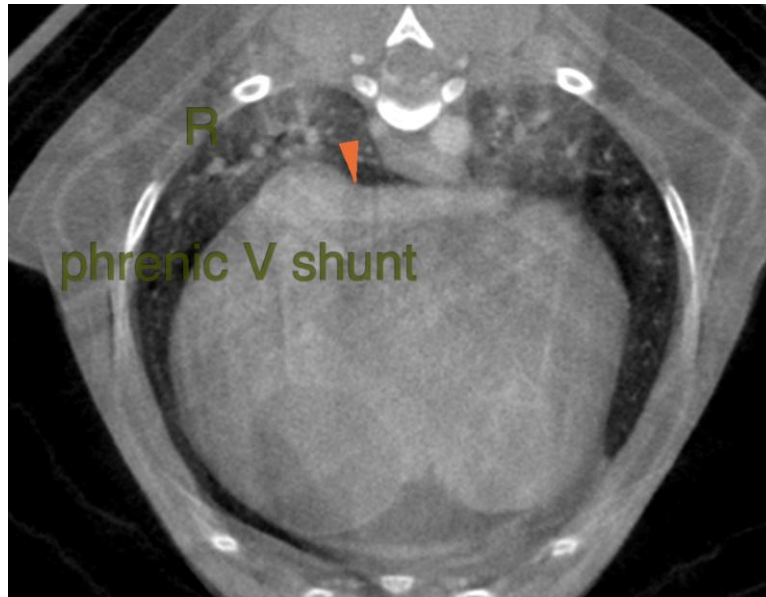
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Nele Eley (Ondreka), DVM, Dr. med. vet., DipECVDI
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