



PATIENT

Carlota Ramirez

SPECIES

Canine

BREED

Mixed

SEX

F

AGE

9M

WEIGHT

7.6lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Mobile Pet Imaging

HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

Armstrong

INVOICE

73123

DATE

12-29-25

PRESENTING CLINICAL SIGNS

Elevated liver enzymes. Elevated Bile acids post. Possible liver shunt. Surgical planning.

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Microhepatica is noted with overall liver volume reduced for body size; parenchyma appears uniform. No focal lesions are identified.

A 6mm sized anomalous vessel is identified connecting the portal vein to the phrenic vein consistent with a single extrahepatic portosystemic shunt. Shunt diameter is 6mm. The portal vein appears small caliber consistent with decreased flow. Intrahepatic portal vein branching appears to be reduced.

No evidence of renal or urinary bladder calculi is seen.

A mild amount of mineral attenuating material is present within the stomach with no evidence of obstruction.

A lumbosacral transitional vertebra is seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Single congenital extrahepatic portosystemic shunt connecting portal vein to phrenic vein.
- Microhepatica consistent with reduced portal perfusion.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT study confirms presence of a single congenital extrahepatic portosystemic shunt. Size and course of the shunt are suitable for pre-operative planning. Microhepatica reflects chronic reduced portal flow. Extrahepatic shunts in small breed dogs are commonly surgically correctable either via attenuation such as cellophane banding or ameroid constrictor.



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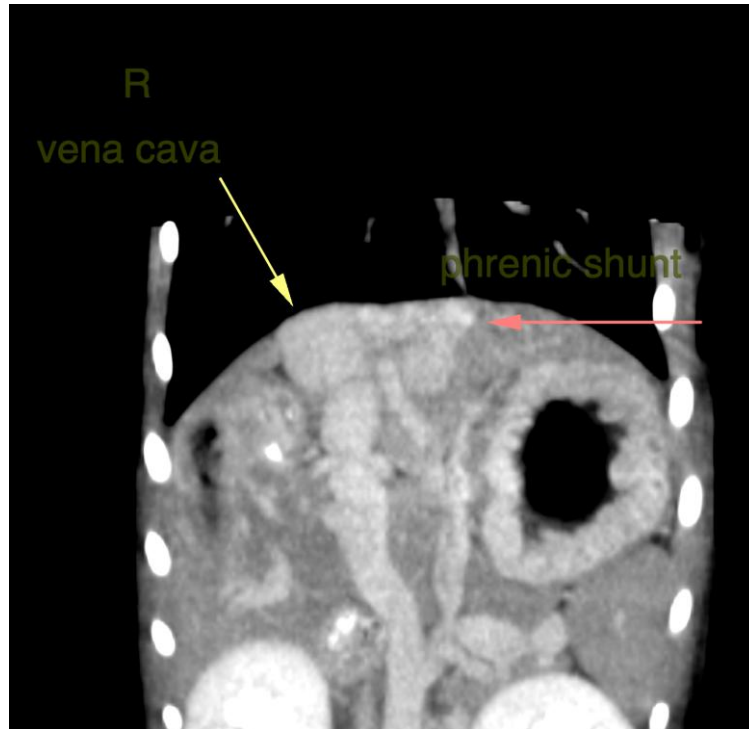
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.
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