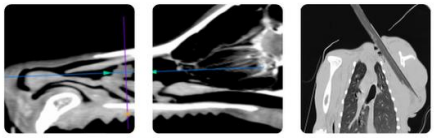

PATIENT

Hailey Ocain

SPECIES

Canine

BREED

Lhasa Apso

SEX

FI

AGE

9M

WEIGHT

4.8kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Amanda Causey

HOSPITAL NAME

Veterinary Specialty Hospital

REFERRING VET

Dr. Roque-Torres, DVM, MS, DACVIM

INVOICE

73068

DATE

12-18-25

PRESENTING CLINICAL SIGNS

The patient presented on 12/16/25 for evaluation of a possible portosystemic shunt (PSS). The patient was initially seen at Banfield for concerns of an abnormal urinary odor and abnormal behavior noted after eating protein. Diagnostic testing at that time revealed markedly elevated bile acids, with both pre- and post-bile acids >180. Additional laboratory abnormalities included elevated liver values, specifically ALKP 538 and cholesterol 58. Today Ammonia levels WNL. Based on these findings, the patient was referred for a CT scan to further evaluate for a potential portosystemic shunt.

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

A single extrahepatic portosystemic shunt is identified coursing from the splenic vein to the caudal vena cava and feeding into the caudal vena cava from the lefthand side level with the right kidney. The shunt vessel measures approximately 10mm in diameter and demonstrates early and intense contrast opacification. The portal vein cranial to the shunt insertion is reduced in caliber.

Intrahepatic portal branches are poorly developed consistent with portal hypoperfusion. Microhepatica is noted through global reduction is liver size. Hepatic parenchymal attenuation and enhancement are normal. The gallbladder is unremarkable.

The kidneys are symmetric in size and shape. Mild renomegaly is noted.

There is no evidence of urinary calculi throughout the urinary tract.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Single congenital extrahepatic portosystemic shunt of the spleno-caval type.
- Microhepatica secondary to portal hypoperfusion
- Mild compensatory bilaterally symmetric renomegaly.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT findings confirm the presence of a single congenital extrahepatic portosystemic shunt, specifically a spleno-caval shunt, which is common shunt morphology in small breed dogs. Surgical or intervention attenuation of the shunt by means of ameroid constrictor or cellophane banding is recommended depending on institutional expertise. Pre- and post-operative medical and dietetic management are recommended as well.

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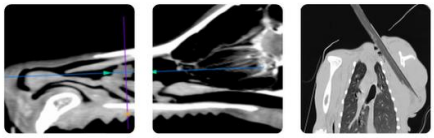

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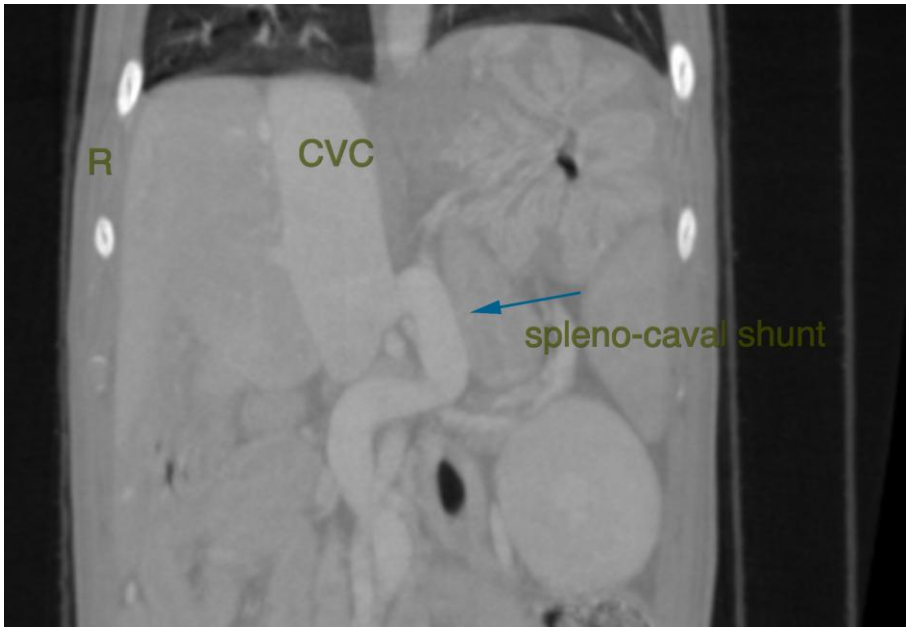

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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