



**PATIENT PRESENTING CLINICAL SIGNS**

**Bacchus Smith** Young (6m) Chinese Crested dog. Incidentally identified moderately elevated ALT liver enzyme on pre-anesthetic blood work. Increased pre and post bile acids as well. No neurologic signs at home. However, is somewhat lethargic for a puppy and may have been the runt of the litter.

**SPECIES** Suspicious for portosystemic shunt (vs. portal vein hypoplasia / microvascular dysplasia)  
**Canine** Abnormal PE/Chem/CBC/UA Results: Dec 20, 2022: CBC - WNL [hct 55.9, neut 3.45, lymph 3.10, plt 256] Chem - ALT 555 H, rest WNL [gluc, creat, urea, alb, glob, ALP] Dec 22, 2022: Chem - ALT 539 H, AST 88 H, rest WNL [gluc, urea, alb, glob, ALP, GGT, tbili] Bile acids pre - 91 H (ref <14.9) Bile acids post - 72 H (ref <29.9)

**BREED COMPUTED TOMOGRAPHIC STUDY OF ABDOMEN**

**Chinese Crested** A high-resolution pre- and post-contrast CT study of the abdomen are provided for review. Two pre-contrast series and ten post-contrast CT series are evaluated.

**SEX COMPUTED TOMOGRAPHIC FINDINGS**

**MI** The liver is homogenously soft tissue attenuating and uniformly contrast enhancing with normal size and shape. The gallbladder is unremarkable. The intra-hepatic portal and hepatic vasculature are normal.

**AGE** The portal vein is normal in size (diameter) and pathway. The main tributary veins including the splenic vein, left gastric vein, and pancreatoduodenal vein are normal.

**6 Months** The renal silhouettes are normal in size, shape, contour, and attenuation pre- and post-contrast. The renal length is 3.1cm in the right kidney and 3.9cm in the left kidney.

**INTERPRETED BY** The ureters are normal in size with correct insertion in the trigone region.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet The urinary bladder is moderately filled, with the apex in the plane of L6, and is homogeneously soft tissue opaque. No evidence of radiopaque calculi.

**HOSPITAL NAME** The spleen is mildly diffusely enlarged, homogenously soft tissue attenuating, and uniformly contrast enhancing, likely correlated to the anesthesia.

Animal Health Partners The stomach is moderately filled and normally positioned, containing a minimal amount of gas admixed with homogeneous soft tissue attenuating material – fluid, with gas.

**REFERRING VET** The duodenum and small intestine are nondilated and contain a minimal amount of fluid attenuating material and gas.

Dr. Ashley Gold The colon and rectum contain gas admixed with heterogeneously soft tissue attenuating fecal material.

**INVOICE** The pancreas and mesentery are normal.

56338 The abdominal lymph nodes and adrenal glands are normal.

**DATE** The remainder the abdomen is normal.

1-24-23



**PATIENT**

Bacchus Smith

The collimated thorax is normal.

No musculoskeletal abnormalities are identified.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- No evidence of congenital portosystemic shunt or portal vein hypoplasia.
- Otherwise, normal abdomen.

**BREED**

Chinese Crested

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No signs of a congenital portosystemic shunt or portal vein hypoplasia are seen. If the laboratory findings continue to suggest hepatic disease and/or shunt, consider hepatic microvascular dysplasia as a differential diagnosis. In this situation, a hepatic biopsy is recommended.

**SEX**

MI

**AGE**

6 Months

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DMV, MSc., Dr. Med  
Vet., Dipl. CBraRVet

**HOSPITAL NAME**

Animal Health  
Partners

**REFERRING VET**

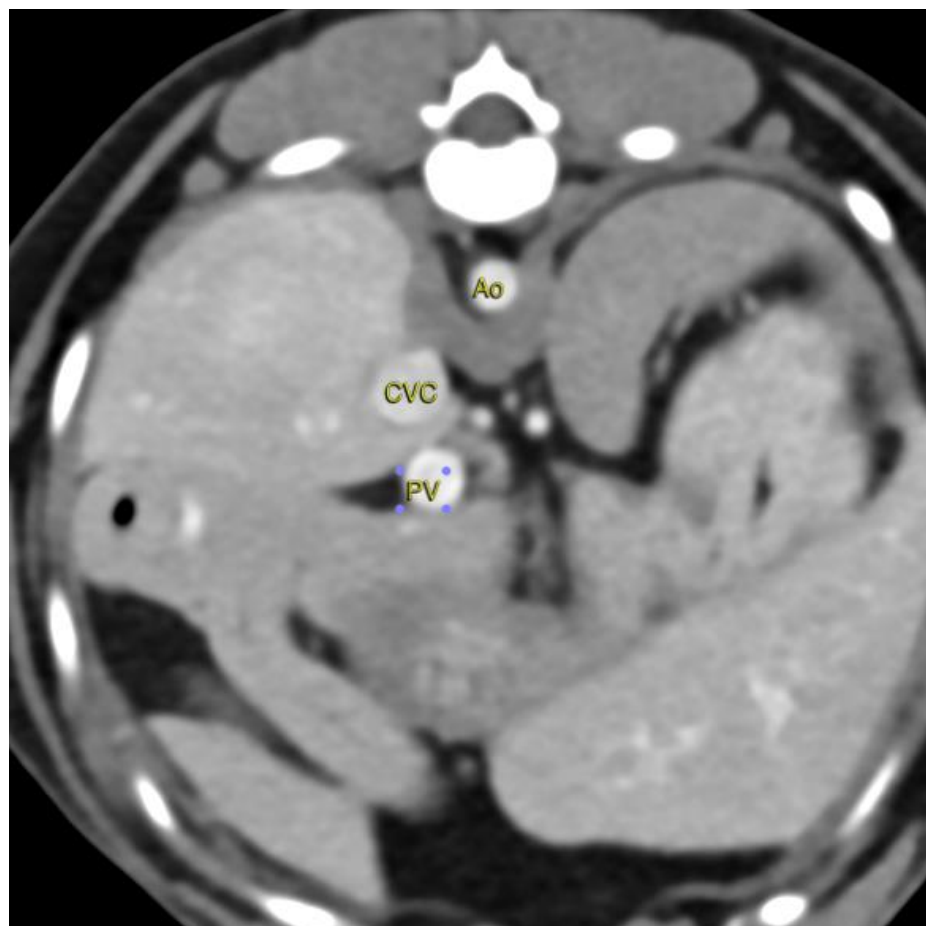
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**PATIENT**

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**SPECIES**

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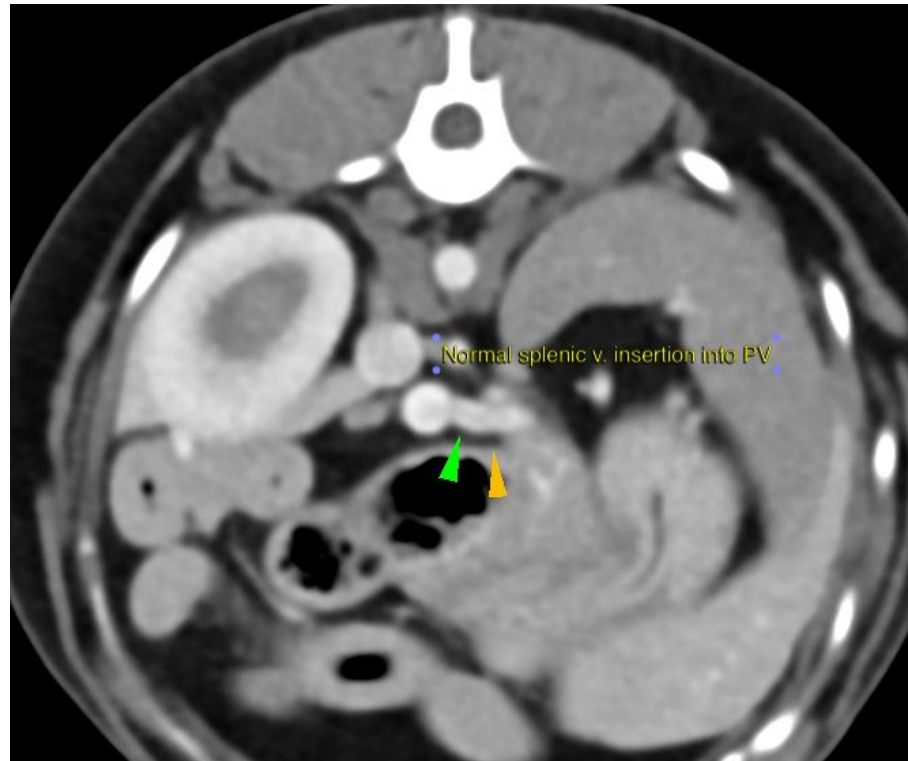
Chinese Crested

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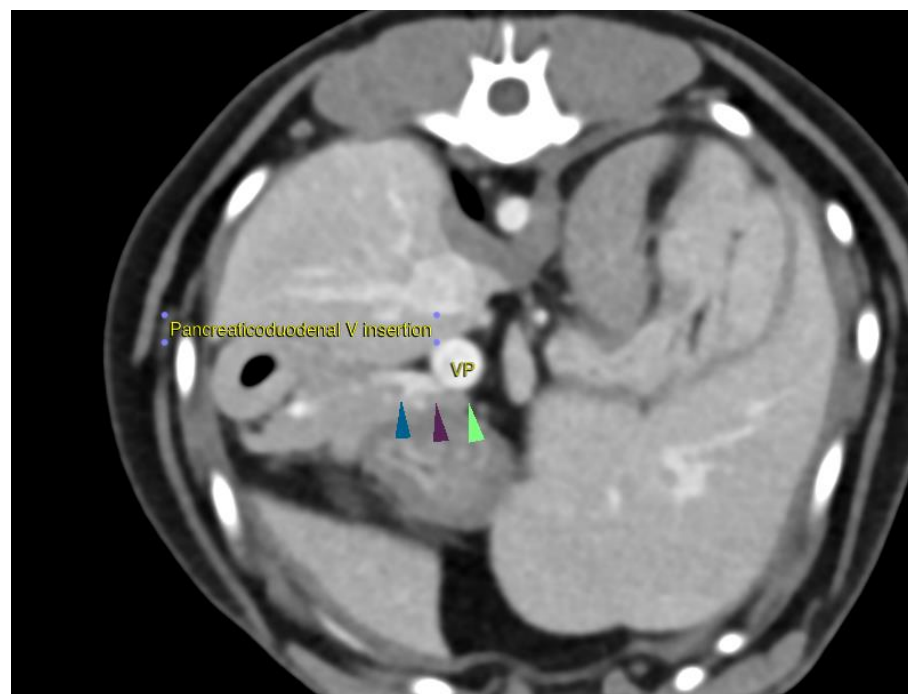
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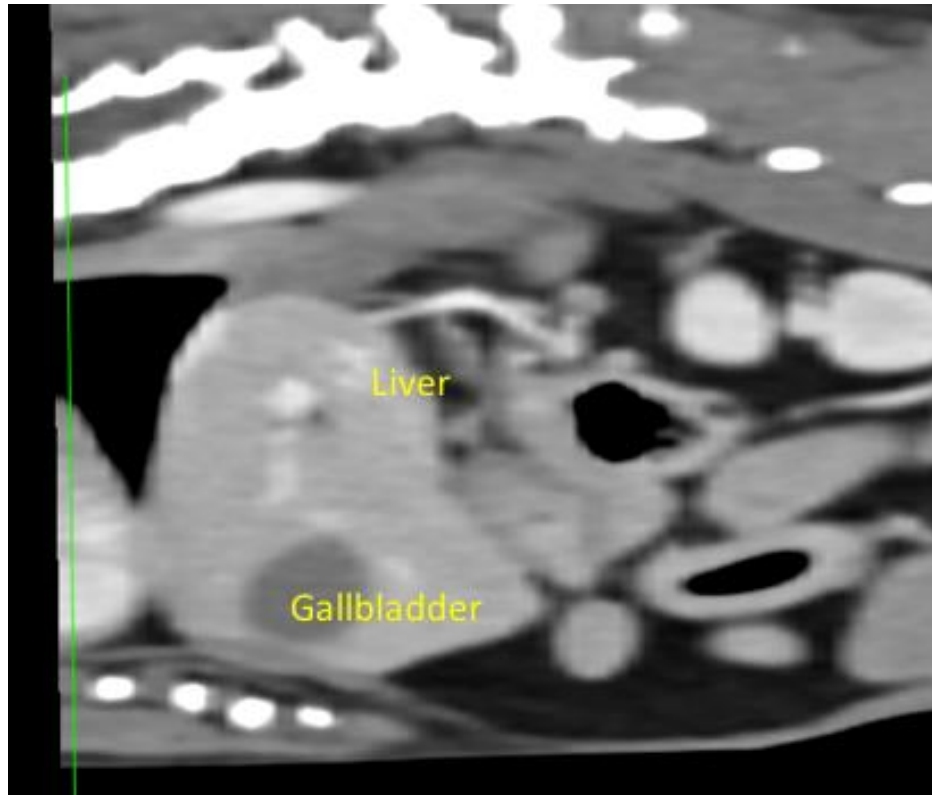
Chinese Crested

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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.

**HOSPITAL NAME**

Animal Health  
Partners

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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info@sonopath.com

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