



**PATIENT PRESENTING CLINICAL SIGNS**

Suki Guerrero History: Elevated bile acids, rule out liver shunt  
 Abnormal PE/Chem/CBC/UA Results: bile acids 84.5, post 296

**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**

Shih Tzu The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

**SEX** The volume of the right kidney is mildly decreased, post contrast administration a wedge shaped hypoattenuating region is seen in the cranial pole of the right kidney. A moderate amount of hyperattenuating material is accentuating the renal pelvis bilaterally.  
 Intact Female

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

1 Year The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

**INTERPRETED BY** The hepatic volume is moderately decreased.

Sebastian Schaub, DVM Dr. med. vet. DipECVDI The portal vein presents a normal order of its tributary veins. The gastroduodenal vein and its tributary right gastric vein are moderately dilated and the portal vein cranial to the gastroduodenal and the intrahepatic branches cannot be appreciated. Originating from the right gastric vein, level with the proximal third of the fundus, an anomalous vascular loop is turning caudally and draining into the caudal vena cava from the left – cranial to the left renal vein. The diameter of the anomalous vessel is 6 mm.

**HOSPITAL NAME** Mobile Pet Imaging The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

**REFERRING VET** Meaux The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

**INVOICE** The bony and surrounding soft tissue structures reveal no abnormalities.

13292 **COMPUTED TOMOGRAPHIC DIAGNOSIS**  
 • Single congenital extrahepatic portosystemic shunt, right gastric vein to caudal vena cava (right gastric shunt)

**DATE**

9/27/21



**PATIENT**

Suki Guerrero

- Mild to moderate nephrolithiasis without evidence of obstruction
- Microhepatica
- Right sided chronic renal infarction

**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). Secondary microhepatica and likely ammonium-urate calculi in the renal pelvis.

**BREED**

Shih Tzu

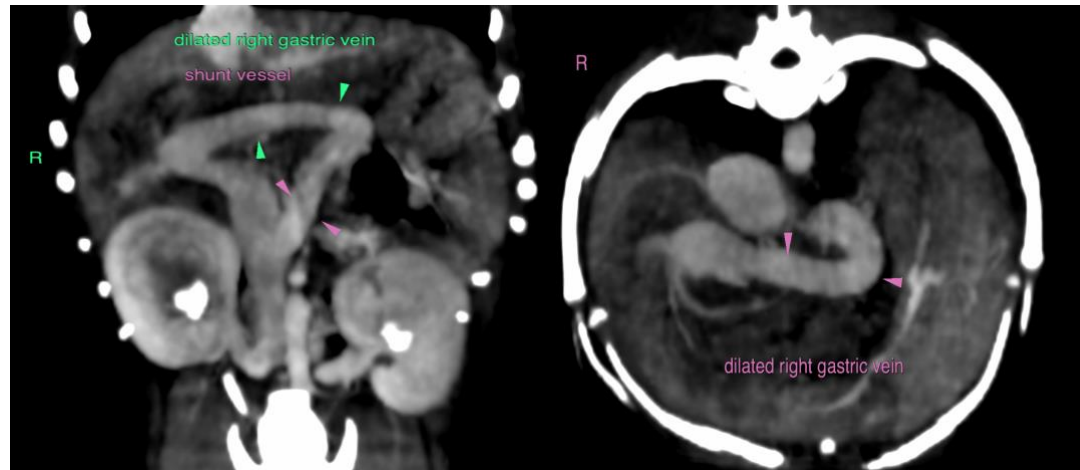
Surgical intervention using a slow progressive closure technique (ameroid constrictor, cellophane banding) is the therapy of choice. Empirical treatment until functional shunt closure with feeding of a hepatic diet is recommended.

**SEX**

Intact Female

**AGE**

1 Year



**INTERPRETED BY**

Sebastian Schaub, DVM Dr. med. vet. DipECVDI

**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**

Mobile Pet Imaging

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.

**REFERRING VET**

Meaux

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**INVOICE**

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