



**PATIENT**

Nova Vale

**PRESENTING CLINICAL SIGNS**

9mo female intact miniature pinscher- chronic mild elevation in ALT, asymptomatic. Bile acids + UA pending. Looking for portosystemic liver shunt  
Abnormal PE/Chem/CBC/UA Results: ALT 192 (upper ref 125)

**SPECIES**

Canine

**COMPUTED TOMOGRAPHY OF THE ABDOMEN**

A pre- and post-contrast CT study of the abdomen in a soft tissue reconstruction is provided for review.

**BREED**

Min Pin

**COMPUTED TOMOGRAPHIC FINDINGS**

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

**SEX**

Female

The left kidney presents is prominent and within normal limits for shape and organ architecture. After contrast administration a physiologically uniform nephro- and pyelogram is noted. The right kidney is absent.

**AGE**

9 Months

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

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

**HOSPITAL NAME**

Animal Health  
Partners

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

The bony and surrounding soft tissue structures reveal no abnormalities.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Dr. Westgarth

- Right sided renal agenesis
- Mild hypertrophy left kidney
- No evidence of portosystemic shunting, neither intra- nor extrahepatic

**INVOICE**

49785

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No macroscopic vascular bypass of the liver was noted in the pre- and post-contrast studies of the abdomen. However, if the clinical signs are consistent with insufficiency of the liver, primary non-cirrhotic portal hypertension (microvascular dysplasia) or other diffuse parenchymal liver disease would still be a potential and should be ruled out by means of ultrasound guided or surgical liver biopsy.

**DATE**

1-24-22

The right sided renal agenesis is an incidental finding, secondary compensatory mild hypertrophy of the left kidney.



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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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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