



**PATIENT PRESENTING CLINICAL SIGNS**

Tika Pozniak Hx inappropriate urination ataxia hypersalivation seizure like behavior dull mentation r/o toxin ingestion (marijuana, mushrooms, other), metabolic disease (portosystemic shunt, other), intracranial disease (infection, inflammation, space occupying lesion, epilepsy), other  
**SPECIES** Abnormal PE/Chem/CBC/UA Results: elevated pre and post bile acids, elevated ammonia

Canine **COMPUTED TOMOGRAPHY OF THE ABDOMEN**

A high resolution pre- and post-contrast CT study of the abdomen is provided for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Papillon The peritoneal fat presents a generalized ground glass attenuation like pattern and a small amount of fluid attenuating material is noted within the peritoneal cavity.

**SEX** Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted. A very small amount of sedimented hyperattenuating material is appreciated in the urinary bladder.

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

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

4 Months A mild to moderate amount of sedimented hyperattenuating biliary sludge is appreciated in the gallbladder.

**INTERPRETED BY**

Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI

The portal vein tapers mildly in its course cranially. At the medial aspect of the left kidney, multiple small tortuous vessels are appreciated. Originating from the vein of the caudal extremity of the spleen, anomalous vascular loops are appreciated, coursing caudally and dorsally along the left abdominal wall, then bending cranially merging to one single vessel draining into the left renal vein by the caudal aspect.

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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.

**REFERRING VET**

Westgarth

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Multiple acquired extrahepatic portosystemic shunts
- Mild peritoneal effusion
- Very mild amount of bladder sand

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study is highly suggestive for primary hepatic disease - such as congenital hepatic fibrosis, or chronic hepatitis and cirrhosis - and secondary portal hypertension with acquired portosystemic shunting and mild peritoneal effusion. Hepatic biopsy is warranted to specify underlying hepatic disease.

**DATE**

7-5-22



**PATIENT**

Tika Pozniak

**SPECIES**

Canine

**BREED**

Papillon

**SEX**

F

**AGE**

4 Months

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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.

**SPECIES**

Canine

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.

**BREED**

Papillon

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**SEX**

F

**AGE**

4 Months

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