



**PATIENT**

Lulu Betancourt

**PRESENTING CLINICAL SIGNS**

\*DVM pet. Chronic Hx of cholangiohepatitis Elevated bile acids, further evaluation of the liver. Abnormal PE/Chem/CBC/UA Results: \*DVM pet. Most recent chem ALP 278, ALT 840, BUN 3, T. Bili 0.9 Most recent bile acids 116, post 99

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

Plain and post contrast studies available for review.

**BREED**

Jack Russell

**COMPUTED TOMOGRAPHIC FINDINGS**

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

**SEX**

Female Spayed

A small calculus is seen within the renal pelvis of the left kidney. No evidence of pyelectasia is noted.

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

**AGE**

3 Years, 8 Months

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

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The liver is small in size with diffusely heterogeneous parenchymal enhancement. The intra- and extra- hepatic portal vascular branching presents within normal limits. No evidence of acquired extrahepatic shunts is seen. The gallbladder is severely distended with a large amount of uniformly fluid attenuating material. Mild generalized thickening and increased enhancement of the gallbladder wall is seen. Minimal extrahepatic biliary duct dilation and minimal generalized dilation of the common bile duct without evidence of obstruction is seen. The duodenal papilla presents within normal limits.

**HOSPITAL NAME**

Mobile Pet Imaging

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

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

**REFERRING VET**

Meaux

The bony and surrounding soft tissue structures reveal no abnormalities.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**INVOICE**

48757

- Microhepatica with diffuse heterogeneous enhancement.
- Suspect cholecystitis / cholangitis.
- Small left renal calculus without evidence of obstruction.

**DATE**

12-3-21

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Differential diagnosis for the liver changes include chronic hepatitis, hepatic fibrosis, microvascular dysplasia/primary biliary cirrhotic hypertension. The potential of portal hypertension should be considered. At this point, no evidence of acquired shunting is seen. There also is evidence of potential inflammation of the biliary system which appears to parallel the



**PATIENT** clinical history of the patient.

Lulu Betancourt The small renal calculus in the left kidney is nonobstructive and may well represent ammonium urates.

**SPECIES** Consider liver biopsy for further definition after ensuring appropriate coagulation. Doppler flow measurements of the portal vein could be considered

Canine

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**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

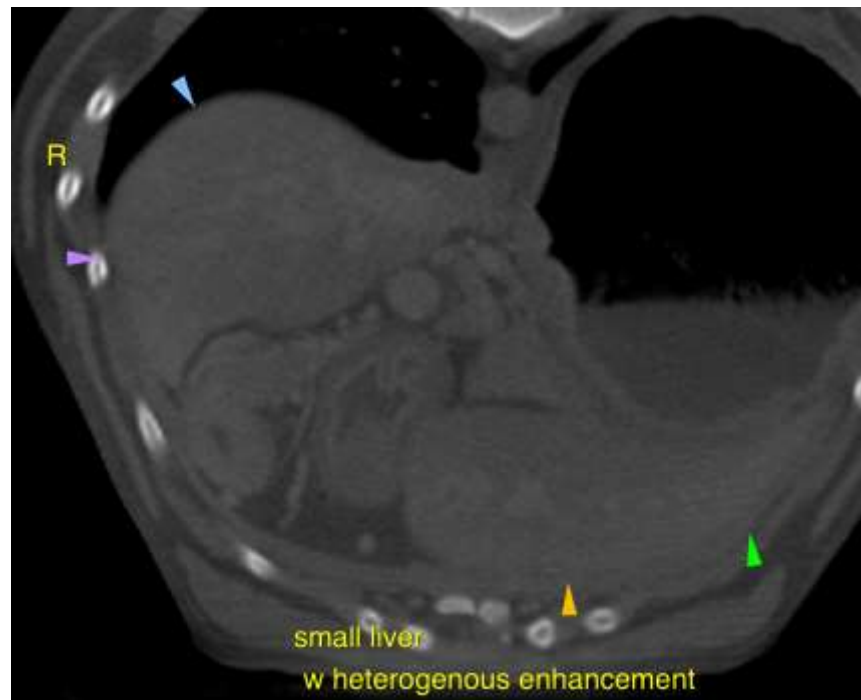
Meaux

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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.

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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