



**PATIENT**

Enzo Rothstein

**PRESENTING CLINICAL SIGNS**

History: Recent onset vomiting and inappetence

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Cockapoo

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

**SEX**

Neutered male

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 5.47 cm. The right kidney measured 5.1 cm. Blood flow to the kidneys appeared to be adequate.

**AGE**

11 years

**Adrenal Glands**

**WEIGHT**

21.8 lbs

The **adrenal glands** were not visualized.

**Spleen**

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

**IMAGING PERFORMED BY**

Jill Rumachik

**Liver**

**HOSPITAL NAME**

Mazomanie AH

The **liver** revealed generalized enlargement with a hypoechoic parenchyma compared to falciform fat. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**REFERRING VET**

Dr. Gallagher

**Gastrointestinal**

**INVOICE**

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The **stomach** was dilated with fluid. The gastric wall was unremarkable other than minor mucosal hypertrophy.

**DATE**

12/10/21

**Pancreas**



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The right limb of the **pancreas** revealed mixed, hypoechoic parenchymal changes with ill-defined surrounding fat. This enveloped the upper gastrointestinal tract.

**SPECIES**

Canine

**Free Abdomen**

A slight amount of free fluid was noted between the liver lobes.

**BREED**

Cockapoo

**ULTRASONOGRAPHIC FINDINGS**

Extensive pancreatitis.

**SEX**

Neutered male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There is a potential for pancreatic and/or hepatic neoplasia. Regional lymphadenopathy was noted. FNA of the pancreas and liver is strongly recommended. Progressive treatment for pancreatitis is warranted. IV fluid support, broad spectrum antibiotics, pain management and GI protectants are all warranted. A recheck sonogram is recommended in 48-72 hours to ensure that the presentation is resolving depending on cytology results.

**AGE**

11 years

**WEIGHT**

21.8 lbs

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**HOSPITAL NAME**

Mazomanie AH

**REFERRING VET**

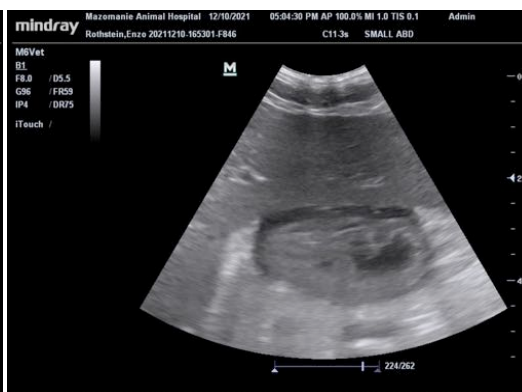
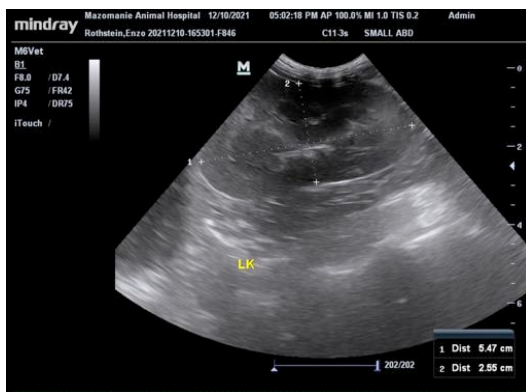
Dr. Gallagher

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Enzo Rothstein

**SPECIES**

Canine

**BREED**

Cockapoo

**SEX**

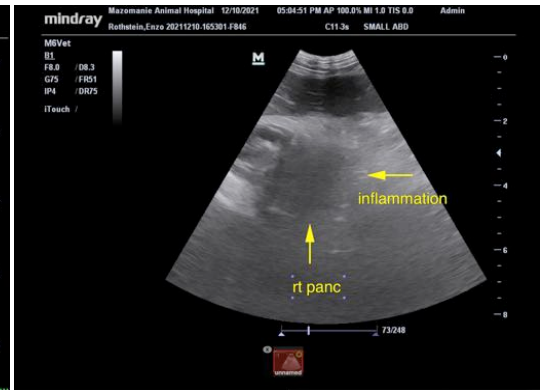
Neutered male

**AGE**

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**WEIGHT**

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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.

**Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com**  
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