



**PATIENT**

Cece Glasser

**PRESENTING CLINICAL SIGNS**

dietary indiscretion r/o fb

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

**BREED**

Portugese Water Dog

The area of the aortic trifurcation was free of pathology.

**SEX**

Spayed Female

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 5.9 cm. The right kidney measured 6.7 cm.

**AGE**

10 Years

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left adrenal gland measured 2.0 cm length x 0.81 cm at the caudal pole. The right adrenal gland measured 3.0 cm length x 0.93 cm. at the caudal pole.

**WEIGHT**

55 Pounds

**Adrenal Glands**

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

**Spleen**

The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. A well-defined, symmetrical, echogenic nodule was present in the medial parenchyma adjacent to the hilus, non-expansive. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory or neoplastic changes were not noted. The echogenic nodules tend to trend benign and are most consistent with benign hyperplasia or myelolipomas.

**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**Liver**

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

**REFERRING VET**

Dr. Maniar

**Gastrointestinal**

**INVOICE**

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The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. Mild gastric distension with primarily anechoic fluid was present. The stomach was empty without evidence of retained ingesta, fluid or foreign material. Gastric body wall measured 0.58 cm.

**DATE**

2/14/22



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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. Jejunum wall measured 0.41 cm.

**SPECIES**

Canine

Normal visible colon wall layers were present with apparent formed feces in lumen.

**Pancreas**

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

**BREED**

Portugese Water Dog

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Spayed Female

- Benign splenic nodule – consistent with probable myelolipoma.
- Mild gastritis/gastroenteritis pattern

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No overt evidence of significant visceral pathology, including no evidence of gastrointestinal mechanical obstruction or foreign material. Supportive care should prove effective.

**AGE**

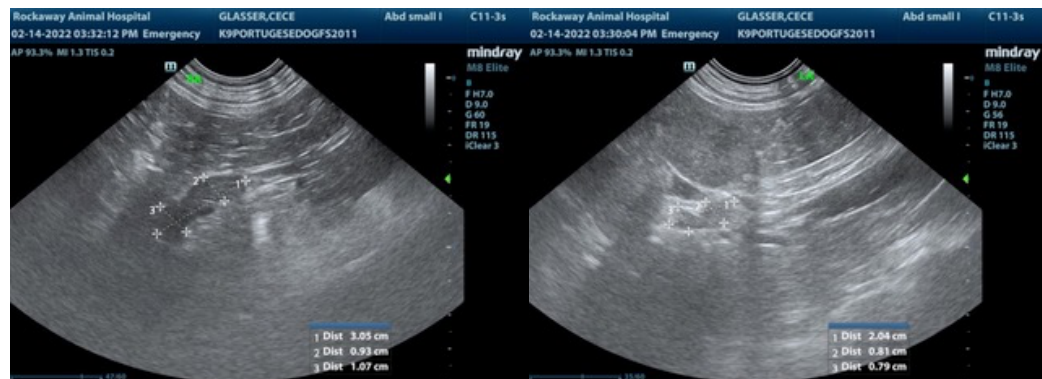
10 Years

**WEIGHT**

55 Pounds

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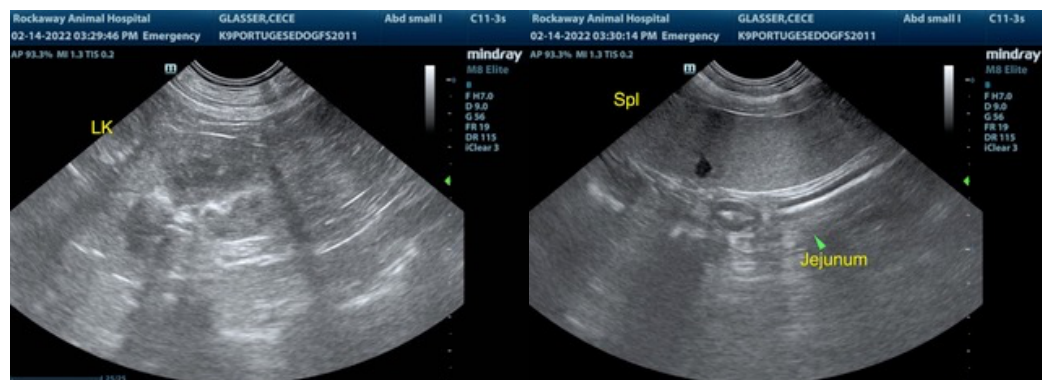


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**SPECIES**

Canine

**BREED**

Portugese Water Dog

**SEX**

Spayed Female

**AGE**

10 Years

**WEIGHT**

55 Pounds

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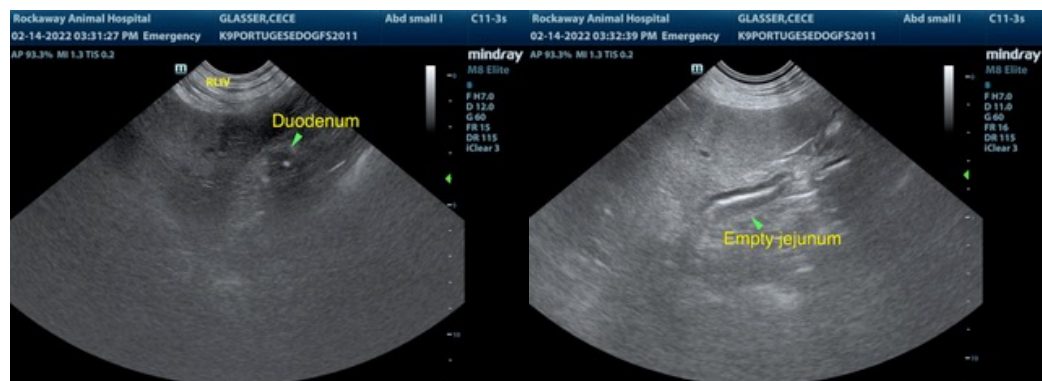
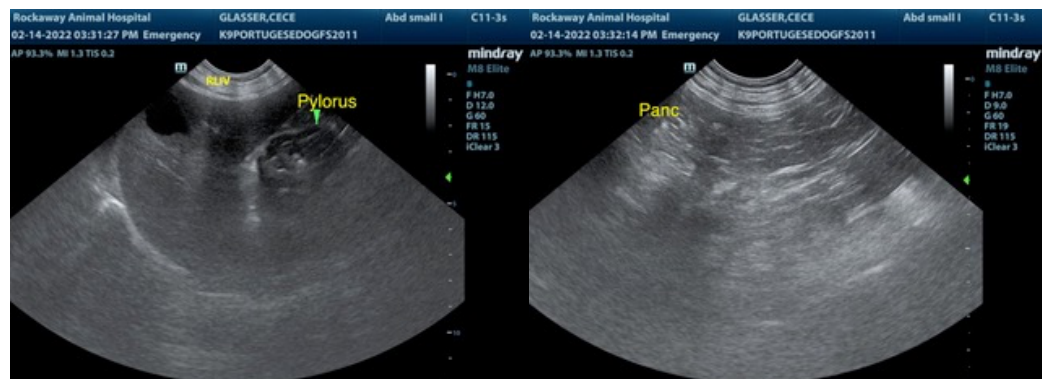
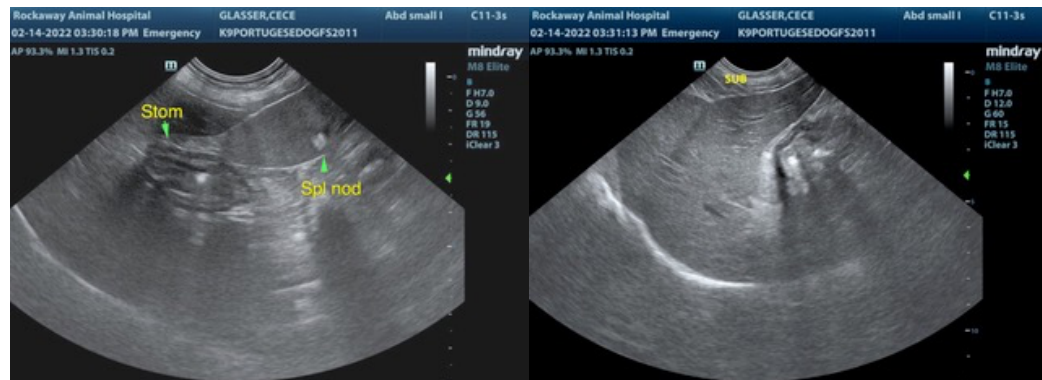
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**

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