



**PATIENT**

Benny Green

**SPECIES**

Canine

**BREED**

Collie Lab Mix

**SEX**

Neutered Male

**AGE**

9 Years

**WEIGHT**

58 Pounds

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

JK

**HOSPITAL NAME**

Hamburg VC

**REFERRING VET**

Dr. DenHeyer

**INVOICE**

13694

**DATE**

10/12/21

**PRESENTING CLINICAL SIGNS**

History: Ate tampon applicator, vomiting on and off last 2 days. Still eating, but vomited 7 to 8 times

Abnormal PE/Chem/CBC/UA Results: No evidence of foreign body on Radiograph. Unable to give Barium due to aggression so Ultrasound preformed

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder was subnormal in size owing to lack of urine distention yet sonographically unremarkable. No sediment or calculi present. The visible pelvic urethra to a depth of 4.0 cm exhibited normal thickness and tone. The area of the residual prostate was free of pathology. Aortic trifurcation was normal.

Normal size and margination was 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 in length. The right kidney measured 6.1 cm in length.

**Adrenal Glands**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.50 cm width at the caudal pole and 0.49 cm width at the cranial pole.

The right adrenal gland was not definitively visualized.

**Spleen**

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. 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, neoplastic, or benign parenchyma changes were not noted.

**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.

**Gastrointestinal**

The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. Mild to moderate gastric distension with mild retained anechoic fluid was present. Focal hyperechoic to subtly shadowing non-specific ingesta was present in the stomach which may potentially indicate gas artifact combined with a mild amount of retained fabric cotton or similar. This did not appear to be overtly obstructive. The gastric body wall measured 0.7 cm. The pylorus wall measured 0.74 cm.



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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Subtle areas of minor jejunal ileus were present. The jejunum wall measured 0.35 cm. The duodenum wall measured 0.55 cm. No overt evidence of small intestinal foreign material or mechanical obstruction.

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

**Pancreas**

**BREED**

Collie Lab Mix

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.

**Free Abdomen**

**SEX**

Neutered Male

No overt lymphadenopathy or peritoneal effusion was present.

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

9 Years

- Mild to moderate gastritis with retained anechoic fluid and potential mild non-obstructive fabric cotton or similar
- Sonographically unremarkable small bowel- potential for mild concurrent enteritis

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

58 Pounds

No overt evidence of gastrointestinal mechanical obstruction. The potential for a minor amount of non-obstructive gastric fabric cotton or similar is possible yet not overtly definitive, however, if present, this does not appear to be obstructive. Therefore, no immediate indication for surgical intervention, as this material may pass, however, sonographic monitoring over the next 24-48 hours would be ideal. Empirically, as needed gastrointestinal support and gastroprotectants are recommended.

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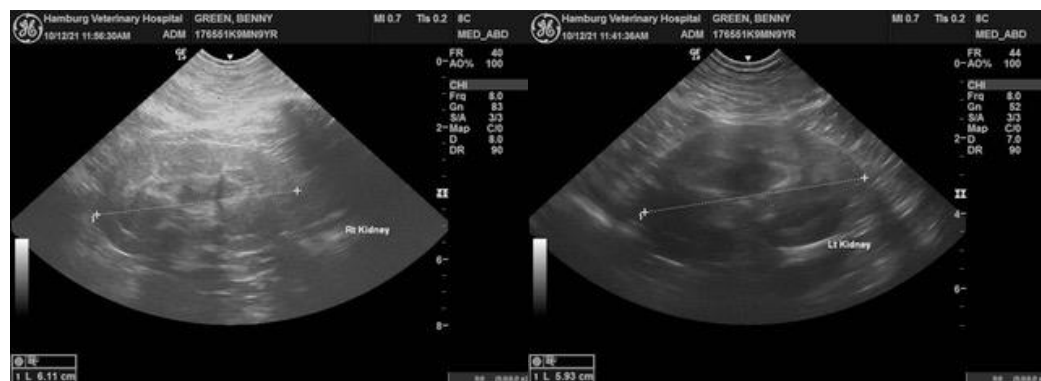
Dr. DenHeyer

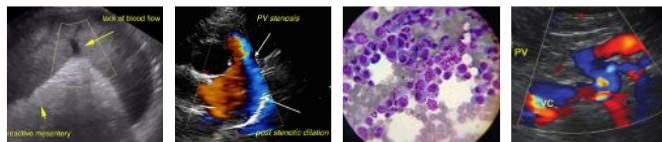
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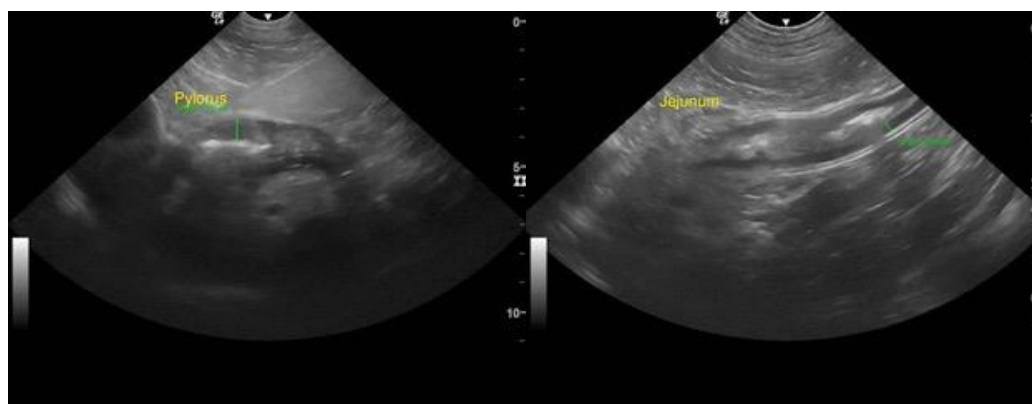
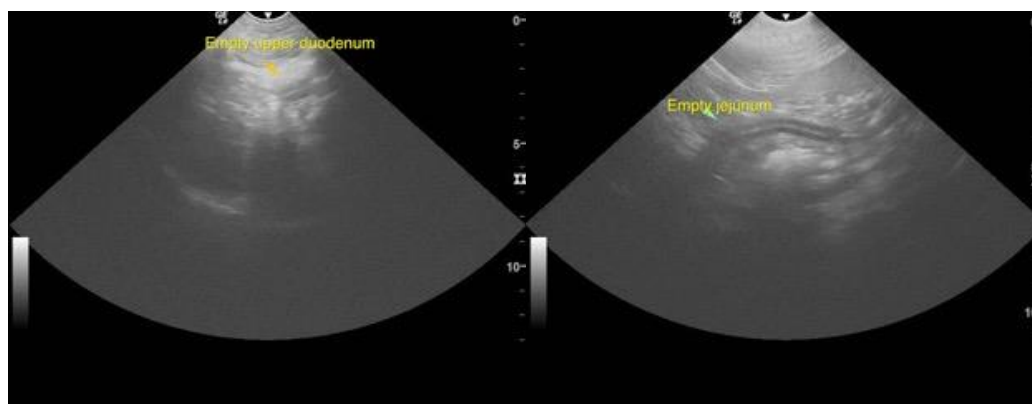
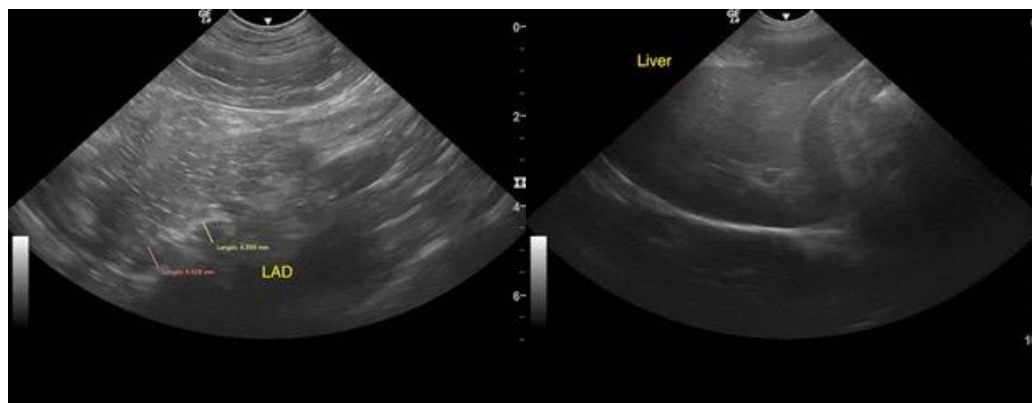
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**  
info@SonoPath.com



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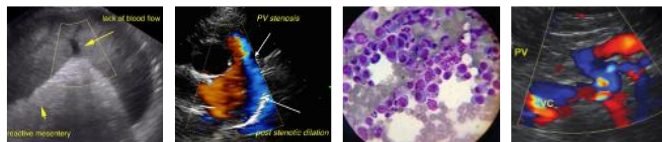
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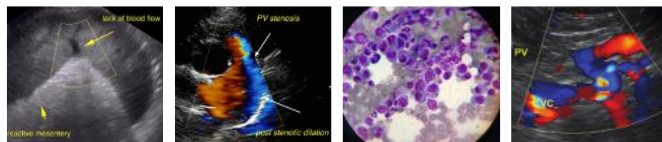
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