



**PATIENT PRESENTING CLINICAL SIGNS**

Rufus Young History: Vomiting starting on Saturday after a week of camping. Did eat some, but would later vomit. No diarrhea. O found remnants of a shrub called Chrysolepis sempervirens in his stool. This was identified to not be toxic. PE- mild dehydration and quiet, not painful, stool identified in colon

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: Cerenia from 7/25 Radiographic Findings Sending rads from 7/25 and 7/26 AM. Some taken in AM 7/25 and no change after being in hospital for the day. Rads taken AM of 7/26 still looking very similar.

**BREED**

Golden Retriever

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**SEX**

**Urinary System**

MN

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 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.

**AGE**

7yr

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 7.4 cm in length. The right kidney measured 6.5 cm in length.

**WEIGHT**

83lb

**INTERPRETED BY**

The area of the aortic trifurcation was free of pathology.

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

No overt pathology in the area of the residual prostate.

**IMAGING PERFORMED BY**

**Adrenal Glands**

Sara Hansen

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.51 cm width at the caudal pole and 2.8 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.55 cm width at the caudal pole and 2.4 cm length.

**Spleen**

**HOSPITAL NAME**

Willakenzie Animal  
Clinic

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.

**REFERRING VET**

Dr. DeWall

**Liver**

**INVOICE**

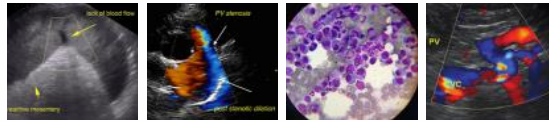
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The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion.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

**DATE**

07/26/2022

**Gastrointestinal**



**PATIENT**

Rufus Young

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained a moderate amount of strongly shadowing ingesta to echo with the shadowing echo measuring approximately 3.5 – 4 cm in diameter.

**SPECIES**

Canine

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.

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

**BREED**

Golden Retriever

***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.

**SEX**

MN

***Free Abdomen***

No overt lymphadenopathy or peritoneal effusion was present.

**AGE**

7yr

**ULTRASONOGRAPHIC FINDINGS**

**WEIGHT**

83lb

- Strongly shadowing retained gastric ingesta/echo
- Sonographically unremarkable small intestine

**INTERPRETED BY**

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DVM, DABVP  
(Canine and Feline)

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Given the persistent retained gastric ingesta and the strongly shadowing sonographic presentation of the ingesta, gastric foreign material is strongly suspected. Exploratory laparotomy with expectation of enterotomy and gross inspection of the GI tract is warranted. If available, endoscopy for visualization of the gastric interior could be considered for further clarification.

**IMAGING  
PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Willakenzie Animal  
Clinic

**REFERRING VET**

Dr. DeWall

**INVOICE**

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**PATIENT**

Rufus Young

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

MN

**AGE**

7yr

**WEIGHT**

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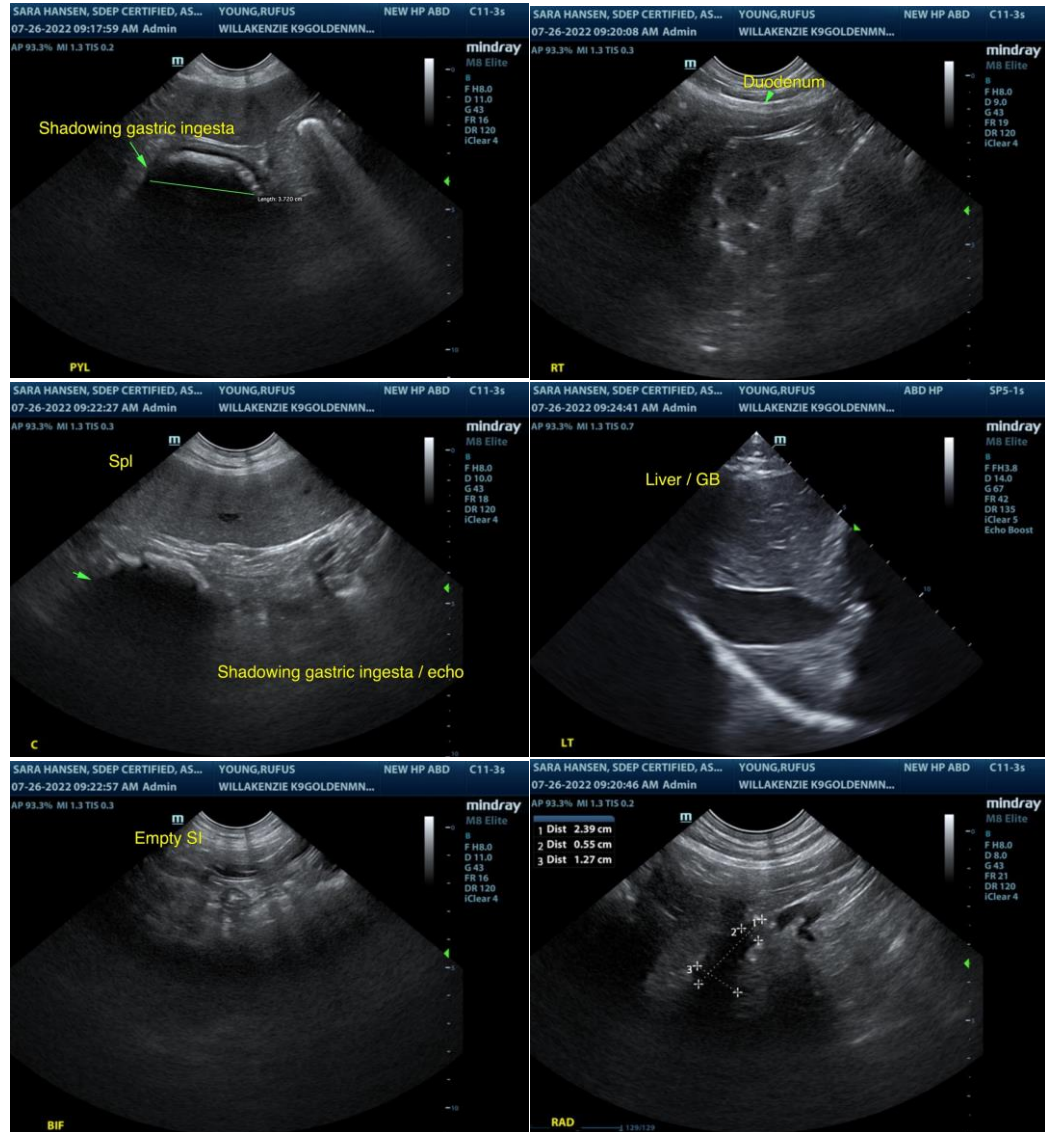
Dr. DeWall

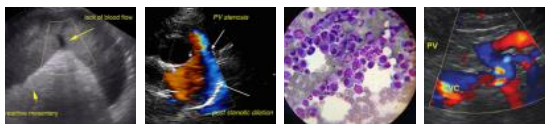
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**PATIENT**

Rufus Young

**SPECIES**

Canine

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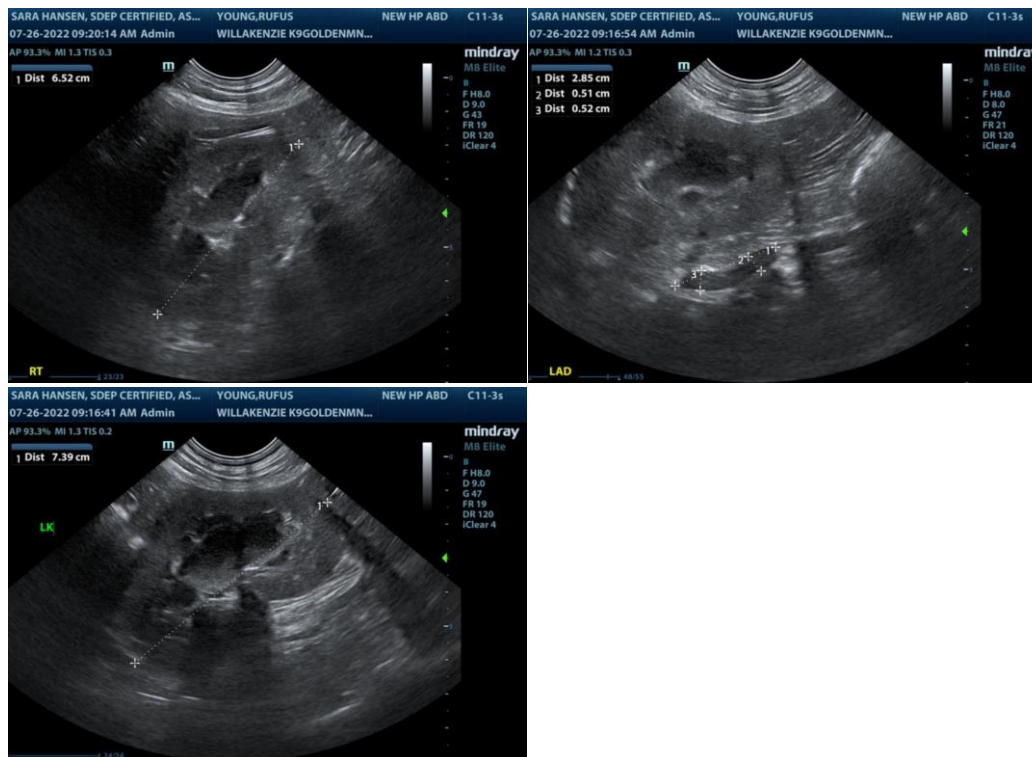
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

info@SonoPath.com