

PATIENT PRESENTING CLINICAL SIGNS

Rumi Goodrich "Rumi" Goodrich is a 7y old, M/N, Standard Poodle weighing 88.4#. Rumi was vomiting daily for about 1 week in mid July. Vomiting has resolved now. Owner was concerned that he may have eaten a glove. Radiographs performed here on 7/23/21 were unremarkable and showed no evidence of obstruction. Owner would like an abdominal US to follow up and rule out obstruction.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Standard Poodle

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 cm exhibited normal thickness and tone. Minor dependent mineral to small calculi present otherwise, anechoic urine. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

MN

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 1.3 cm in diameter.

AGE

7 Years

No evidence of pathology in the area of the aortic trifurcation.

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 6.7 cm in length. The right kidney measured 6.4 cm in length.

WEIGHT

88 lbs

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.63 cm width at the caudal pole and 1.2 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.57 cm width at the caudal pole and 0.62 cm width at the cranial pole.

INTERPRETED BY

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

Spleen

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

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. A solitary non-expansive subtly hypoechoic to mixed echogenic parenchymal nodule was present measuring 1.1 cm diameter.

HOSPITAL NAME

Tahoe Integrative Care

Liver / Gallbladder

REFERRING VET

Dr Wendy Robinson

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.

INVOICE

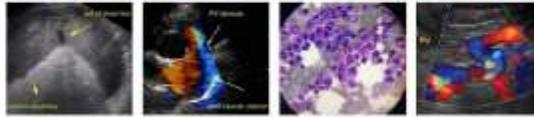
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Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty without evidence of retained ingesta, fluid, or overt foreign material with minor luminal gas. The gastric body wall measured 0.50 cm width. The pylorus wall measured 0.58 cm width.

DATE

8-7-21



PATIENT

Rumi Goodrich

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no evidence of mechanical or metabolic small intestinal ileus, obstruction, or foreign material. The jejunum wall measured 0.37 cm width.

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

Standard Poodle

Free Abdomen

Focal, intermittent mildly prominent to enlarged mesenteric nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example of a mesenteric lymph node measured 0.60 cm width.

SEX

MN

No overt peritoneal effusion was present.

AGE

7 Years

ULTRASONOGRAPHIC FINDINGS

- Minor urinary bladder mineral / small calculi.
- Nonspecific focal splenic nodule.
- Sonographically unremarkable gastrointestinal tract - no evidence of foreign material / mechanical ileus.
- Focal to intermittent minor likely reactive mesenteric lymph nodes.

WEIGHT

88 lbs

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although unspecific, the most likely etiology for the focal nonspecific splenic nodule is a focal area of hematopoiesis or hyperplasia. The possibility of an emerging neoplastic nodule is considered unlikely; however, ideally, sonographic monitoring of the splenic nodule for evidence of progression with initial recheck in 4 weeks is recommended. Urine culture and sensitivity may be considered if evidence of inflammatory cells on urinalysis.

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

The focal intermittent reactive mesenteric lymph nodes are likely incidental yet may potentially be owing to previous or potentially resolving gastrointestinal inflammatory episode. Continue as needed gastrointestinal support recommended.

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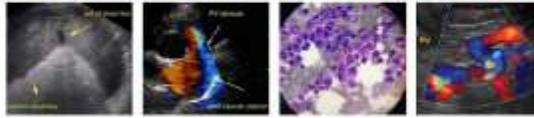
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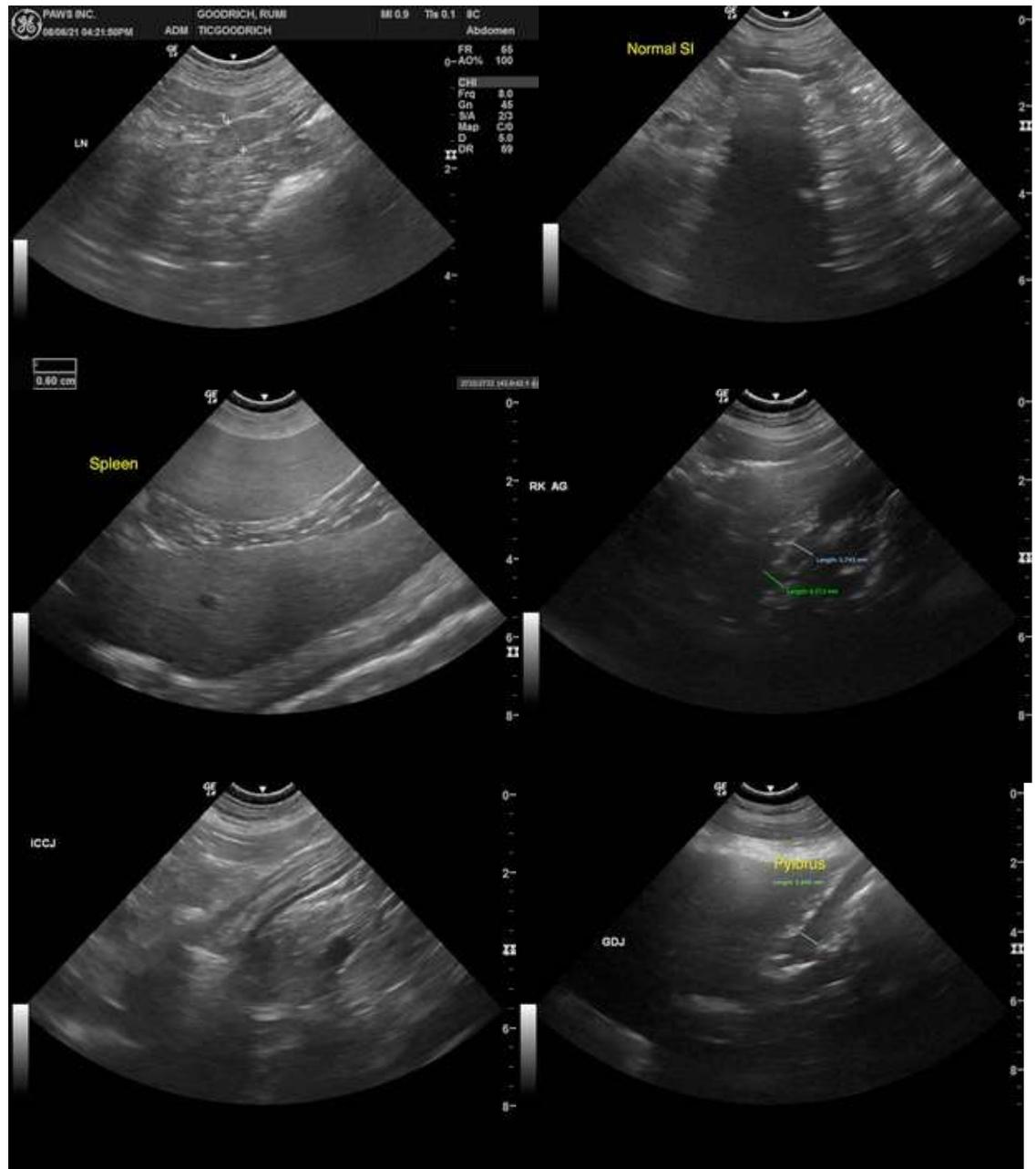
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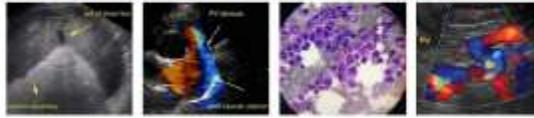
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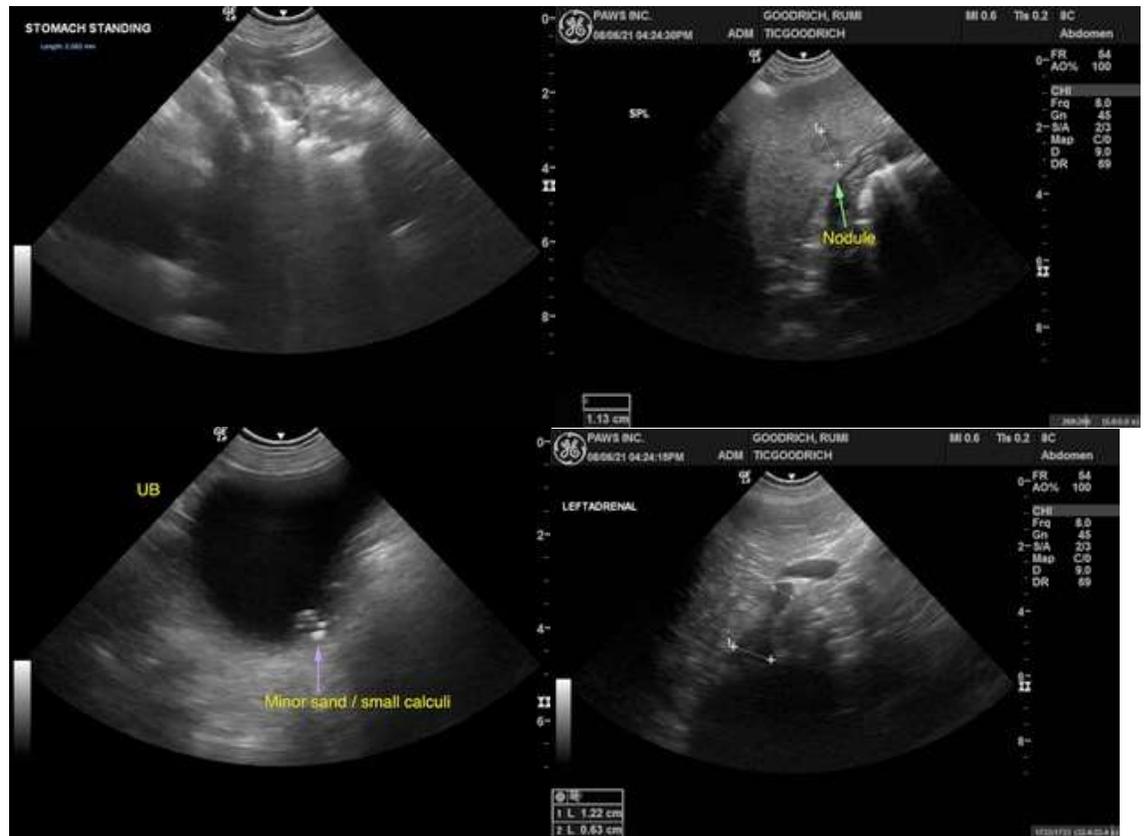
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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