



PATIENT	PRESENTING CLINICAL SIGNS
Riley Fitzpatrick	Anorexia for 3 days, vomiting all meals, diarrhea. X-rays show material in stomach. Concern for gastric neoplasia vs gastric FB. Current meds: IVF (NaCl), Metro, Carafate. Abnormal PE/Chem/CBC/UA Results: Chol 100, HCT 40%, Monos 1.6k, remainder wnl.
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	<i>Urinary System</i>
BREED	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.
Havanese	
SEX	The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 0.6 cm in diameter.
MN	No evidence of pathology in the area of the aortic trifurcation.
AGE	Normal size and margination was 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 mild loss of corticomedullary symmetry and definition expected for the age of the patient. Minor pyelectasia was present in both kidneys. The left kidney measured 4.7 cm in length. The right kidney measured 4.8 cm in length.
15 Years	
WEIGHT	<i>Adrenal Glands</i>
15.4 lbs	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.8 cm length x 0.52 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.5 cm length x 0.54 cm width at the caudal pole.
INTERPRETED BY	<i>Spleen</i>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Multifocal, well-defined, symmetrical, echogenic nodules were present throughout the cranial to caudal 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 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	<i>Liver/ Gallbladder</i>
Shari Reffi, CVT	The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.
HOSPITAL NAME	<i>Gastrointestinal</i>
Rockaway	The gallbladder was non distended in size with mild echogenic, nonmineralized gallbladder debris. The cystic duct and common bile ducts were normal without evidence of dilation.
REFERRING VET	
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PATIENT	primarily empty with mild luminal gas and without evidence of retained ingesta, fluid, or overt foreign material.
Riley Fitzpatrick	
SPECIES	The intestinal walls demonstrated intact wall layering and maintained 1:3 muscularis / mucosa ratio. Segmental mild mucosal speckling to fogging was present. A segmental minor nonobstructive jejunal ileus pattern was noted. The duodenum wall measured 0.37 cm width and the jejunum wall measured 0.34 cm width.
Canine	
BREED	Normal visible colon wall layers were present containing generalized non-formed to soft feces consistent with non-formed stool to diarrhea.
Havanese	
SEX	<i>Pancreas</i>
MN	The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.
AGE	<i>Free Abdomen</i>
15 Years	Mild segmental peri-intestinal reactive mesentery and small pockets of peri-intestinal free fluid were present. No evidence of associated lymphadenopathy.
WEIGHT	ULTRASONOGRAPHIC FINDINGS
15.4 lbs	Primary
INTERPRETED BY	<ul style="list-style-type: none"> • Chronic renal changes with minor pyelectasia. • Subjectively acute gastroenterocolitis pattern, no overt foreign material or mechanical obstruction. • Associated peri-intestinal reactive mesentery and scant free fluid. • Mildly heterogeneous pancreas - suspect age related pancreatic changes, likely incidental.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Secondary
IMAGING PERFORMED BY	<ul style="list-style-type: none"> • Mild gallbladder debris (nonmucocele). • Benign splenic nodules - consistent with probable with myelolipomas.
Shari Reffi, CVT	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
HOSPITAL NAME	The pyelectasia within the bilateral kidneys may be owing to chronic renal changes, potential pelvic scarring possibly owing to previous calculi passage, IV fluid therapy (if applicable). Urine C/S and protein: creatinine ratio on sterile urine sample is recommended.
Rockaway	
REFERRING VET	Dietary indiscretion, acute gastrointestinal insult, infectious gastroenterocolitis, other inflammatory gastroenterocolonopathy with a minor potential for early to occult infiltrative gastrointestinal neoplasia possible. No indication for immediate surgical intervention without evidence of obstructive pattern or overt foreign material.
Dr. Ascot	
INVOICE	Fresh fecal analysis +/- GI panel may be considered. Continued medical therapy for acute gastroenterocolitis would be appropriate. Endoscopic upper and lower intestinal biopsies may be indicated if clinical signs continue despite conservative care. Alternatively, recheck sonogram to assess for progressive inflammatory gastrointestinal changes in persistent ileus pattern would also be appropriate if clinical signs are consistent.
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PATIENT

Riley Fitzpatrick

SPECIES

Canine

BREED

Havanese

SEX

MN

AGE

15 Years

WEIGHT

15.4 lbs

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(Canine and Feline)

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Rockaway

REFERRING VET

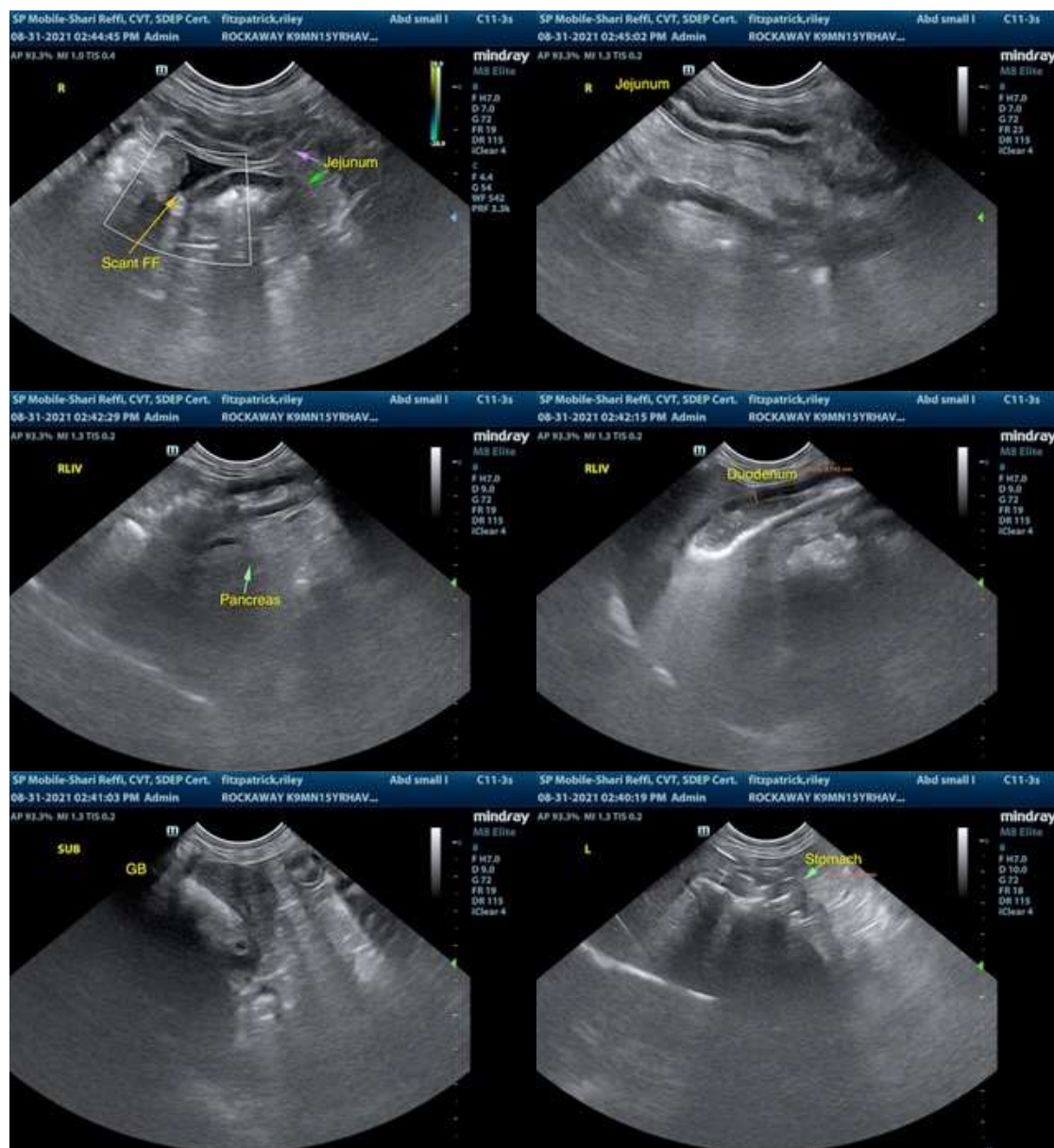
Dr. Ascot

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PATIENT

Riley Fitzpatrick

SPECIES

Canine

BREED

Havanese

SEX

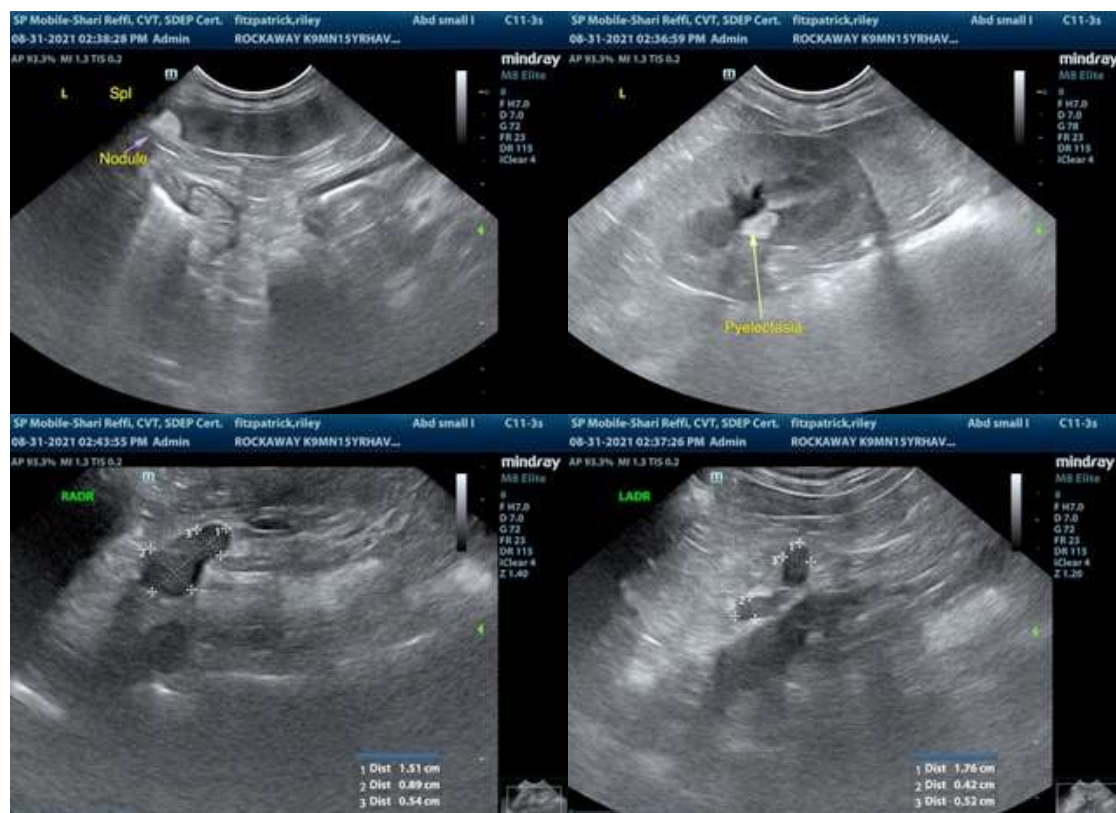
MN

AGE

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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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