



PATIENT	PRESENTING CLINICAL SIGNS
Ruby Samora	Pet is Addisonian and has been getting 2.5 mg Prednisone daily and Percorten every 3 weeks, owner couldn't remember dose. She recently had 1 seizure activity in June but has been doing well. Reason for ultrasound is mild changes on BW, pet is doing well currently.
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: WBC: 20.53 Neut: 17.1 ALK: 603
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Pug x	Urinary System
SEX	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.
Spayed Female	
AGE	The area of the aortic trifurcation was free of pathology.
10 Years	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. No evidence of pelvic dilation was present. The left kidney measured 4.0 cm. The right kidney measured 4.3 cm.
WEIGHT	
21.8 Pounds	Adrenal Glands
INTERPRETED BY	The adrenal glands were not definitively visualized, likely secondary to subnormal adrenal gland size, given the patient history. No overt pathology in the area of the left and right adrenal glands.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Spleen
IMAGING PERFORMED BY	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.
Dr. Reyes	Liver
HOSPITAL NAME	The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.
Graceful Paws PC	Gastrointestinal
REFERRING VET	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild echogenic, nonshadowing ingesta most consistent food.
Dr. Reyes	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.
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8/12/23	



PATIENT

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

Ruby Samora

Pancreas

SPECIES

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.

Canine

BREED

Free Abdomen

Pug x

No overt lymphadenopathy or peritoneal effusion was present.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

- Benign hepatomegaly – sonographically suggestive of vacuolar hepatopathy pattern
- Normal gallbladder
- Mild chronic renal changes

AGE

10 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

21.8 Pounds

Sonographically, no evidence of significant visceral pathology. Probable primary or secondary vacuolar hepatopathy with some degree of hepatomegaly owing to current Addison's therapy. Hepatosupportive medications including Denamarin +/- Ursodiol, if tolerated, may prove beneficial.

INTERPRETED BY

For an additional charge, internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

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

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

IMAGING PERFORMED BY

Dr. Reyes

HOSPITAL NAME

Graceful Paws PC

REFERRING VET

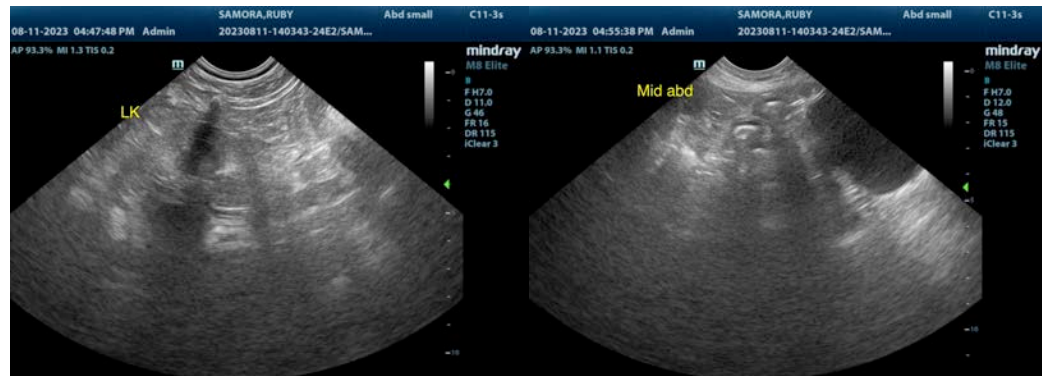
Dr. Reyes

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PATIENT

Ruby Samora

SPECIES

Canine

BREED

Pug x

SEX

Spayed Female

AGE

10 Years

WEIGHT

21.8 Pounds

INTERPRETED BY

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IMAGING PERFORMED BY

Dr. Reyes

HOSPITAL NAME

Graceful Paws PC

REFERRING VET

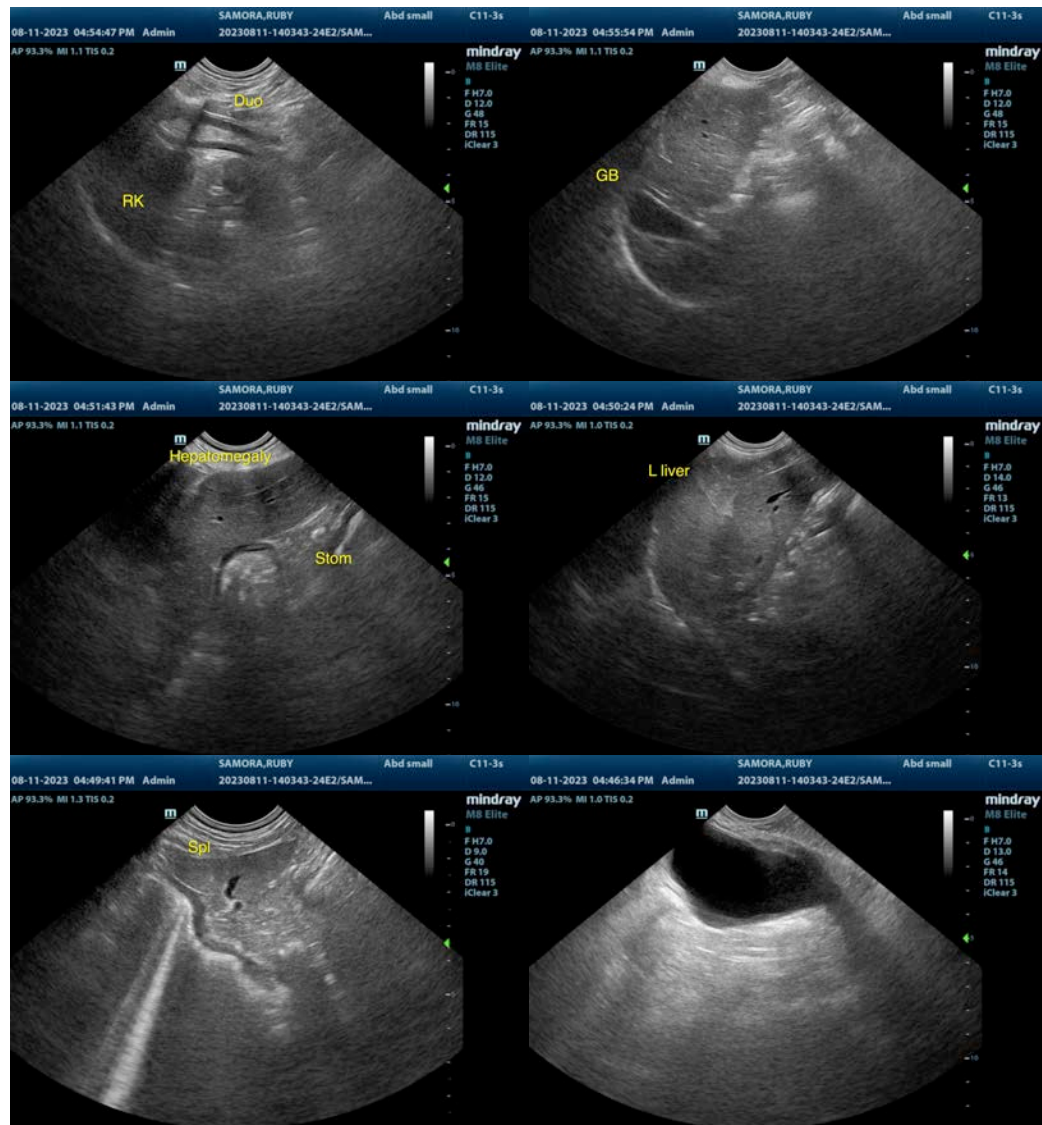
Dr. Reyes

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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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