



PATIENT	PRESENTING CLINICAL SIGNS
Ruby Stacy	Ruby has traditionally been very healthy, no meds. She had some sensitivity when eating, thought to be dental pain (has cleaning every 9 months) Recent cleaning was very good with just some incisor extractions. Recovery from anesthesia was very slow, like 2 weeks, (uncharacteristic for her). Since then, still is not eating well, not drinking at all. She had a first seizure at 3am this morning. Blood work did have mild ALP and ALT elevations. Pt on abx and ALT returned to normal. ALP at 586. GGT and bili are WNL. CBC is WNL.
SPECIES	
Canine	
BREED	
Chihuahua	Today, BP was elevated at 179. 1/4 tab amlodipine given. BP later was 160 and patient had another 30 second grand mal seizure just after measuring BP
SEX	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
FS	<i>Urinary System</i>
AGE	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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.
14 Years	No evidence of pathology in the area of the aortic trifurcation.
WEIGHT	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 4.5 cm in length. The right kidney measured 4.7 cm in length.
14.4	
INTERPRETED BY	<i>Adrenal Glands</i>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left adrenal gland was mildly prominent in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.60 cm width in the cranial pole and 0.73 cm width in the caudal pole.
IMAGING PERFORMED BY	The right adrenal gland was not definitively visualized.
Velasco	<i>Spleen</i>
HOSPITAL NAME	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.
Bethany Family Pet Clinic	
REFERRING VET	<i>Liver / Gallbladder</i>
Velasco	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.
INVOICE	
48982	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.
DATE	<i>Gastrointestinal</i>
12-13-21	



PATIENT

Ruby Stacy

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material. The gastric body wall width measured 0.40 cm.

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. The jejunum wall width measured 0.35 cm.

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

BREED

Chihuahua

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

FS

Free Abdomen

No omental masses, lymphadenopathy, or peritoneal effusion was present.

AGE

14 Years

ULTRASONOGRAPHIC FINDINGS

- Age related renal changes.
- Mild hepatic parenchymal remodeling - subjectively benign.
- Mild gallbladder debris (nonmucocele).
- Mild prominent left adrenal gland - not overtly consistent with neoplastic adrenal criteria.

WEIGHT

14.4

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall largely geriatric abdomen without evidence of significant visceral pathology. The subjective mildly prominent left adrenal gland is not overly consistent with adrenal pathology with an age related variant or mild adenomatous change suspected. However, given the patient's hypertension, sonographic monitoring of the left adrenal gland for evidence of progressive increased size would be appropriate.

INTERPRETED BY

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

Overall, the liver is suggestive of benign hepatopathy with age related parenchymal changes or mild vacuolar hepatopathy suspected. Hepatosupportive medications including denamarin and ursodiol may prove beneficial.

IMAGING PERFORMED BY

Velasco

HOSPITAL NAME

Bethany Family Pet
Clinic

REFERRING VET

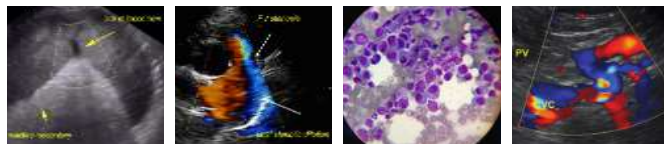
Velasco

INVOICE

48982

DATE

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PATIENT

Ruby Stacy

SPECIES

Canine

BREED

Chihuahua

SEX

FS

AGE

14 Years

WEIGHT

14.4

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Velasco

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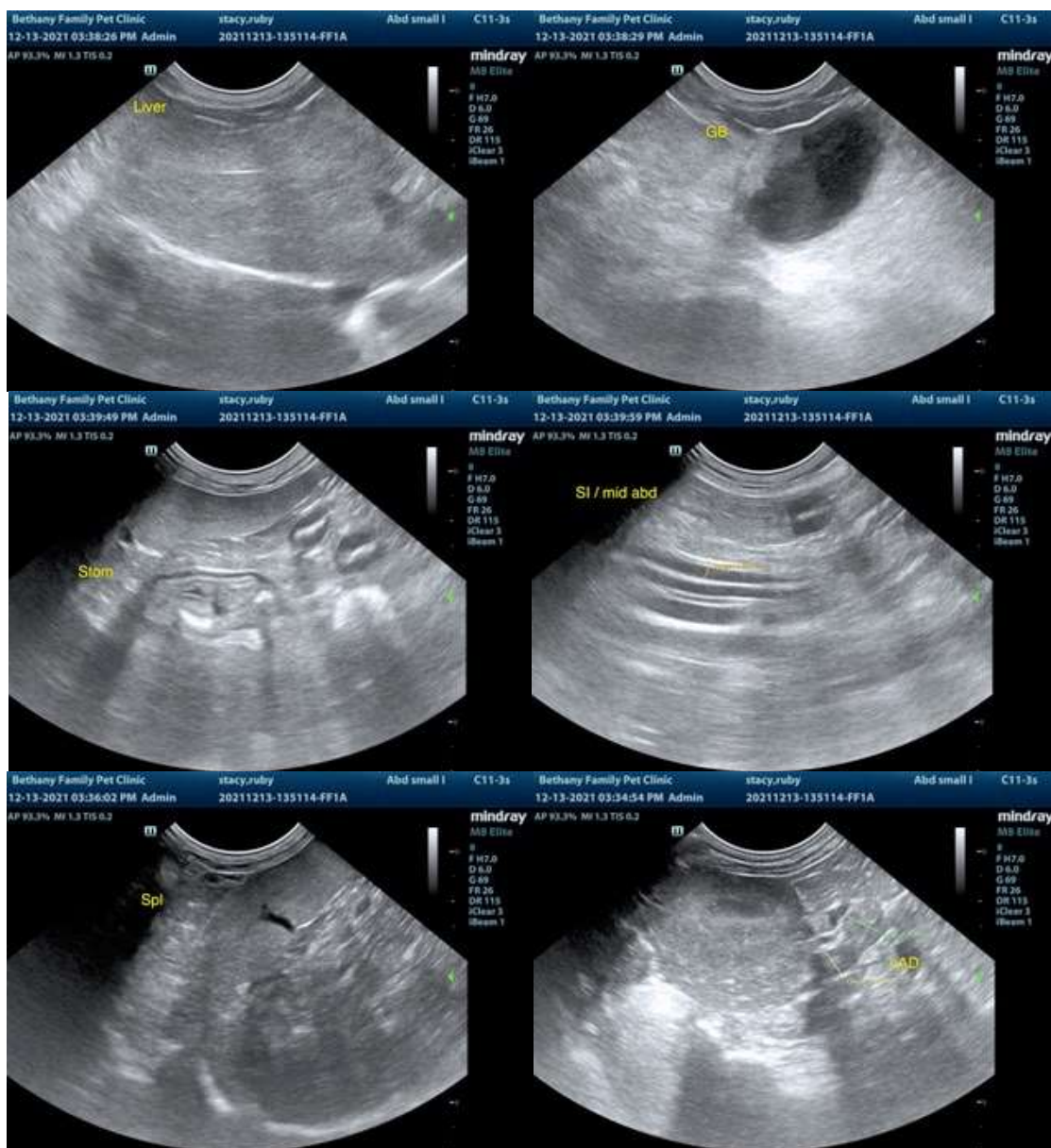
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Ruby Stacy

SPECIES

Canine

BREED

Chihuahua

SEX

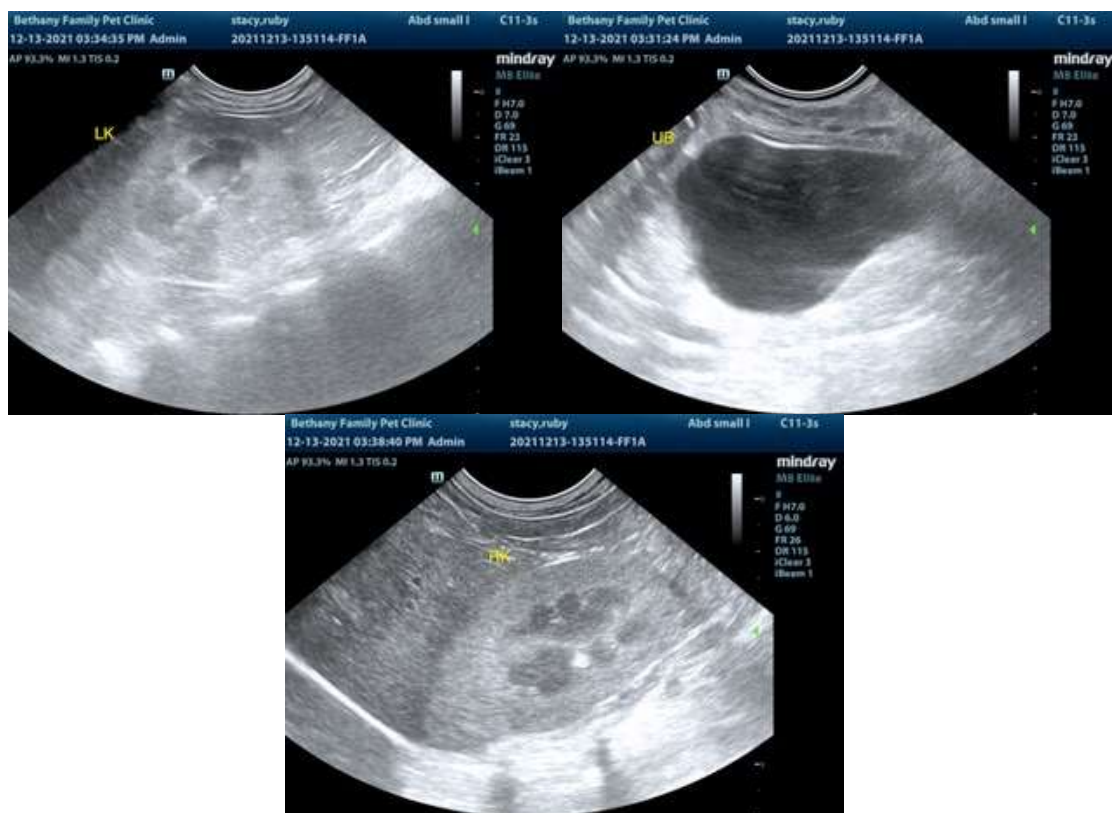
FS

AGE

14 Years

WEIGHT

14.4



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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)
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