



PATIENT PRESENTING CLINICAL SIGNS

Ruby Friesen 2 days before that lethargic -thinks poss joint pain joint pain has been growing in the little last while Worse past couple days but not today Was sensitive to her stomach to the touch, abd pain? was gassy - but some trapped? BMs are soft- good appetite HISTORY: IMHA

SPECIES

Canine

Current Medications Clopidigrel, Prednisone (37.5 mg SID), Metronidazole 250 SID

Abnormal PE/Chem/CBC/UA Results: Abnormal snap cPLI PCV: 35 % (previous 41% 1 month ago)
ALKP >2000 RBC: 4.69 HGB: 11.5 HCT: 32.4

BREED

Rhodesian Ridgeback
Mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

FS

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4 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

10yr

Normal size and margination were 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 6.9 cm in length. The right kidney measured 7.5 cm in length.

WEIGHT

33.5kg

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

INTERPRETED BY

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

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.70 cm width at the caudal pole and 2.6 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.0 cm width at the caudal pole and 2.6 cm length.

IMAGING PERFORMED BY

Kelly Reschny

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.

HOSPITAL NAME

Headon Forest Animal
Hospital

REFERRING VET

Dr. Hong

Liver/Gallbladder

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 and minor echogenic debris. The cystic and common bile ducts were normal.

INVOICE

13009ag

Gastrointestinal

DATE

02/17/2023



PATIENT

Ruby Friesen

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild variably echogenic focally shadowing ingesta with no signs of ileus, obstruction or foreign material.

SPECIES

Canine

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with mild luminal gas and no signs of ileus, obstruction or foreign material.

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

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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, overt lymphadenopathy or peritoneal effusion was present.

AGE

10yr

ULTRASONOGRAPHIC FINDINGS

- Mild age related renal changes
- Benign hepatomegaly-consistent with vacuolar hepatopathy pattern
- Unremarkable GI tract with mild variably echogenic gastric ingesta
- Sonographically normal pancreas

WEIGHT

33.5kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, there is no overt evidence of significant abdominal visceral pathology as a definitive cause of the patient's clinical signs. No evidence of intra-abdominal neoplastic criteria present. Some degree of possible mild metabolic or functional gastric hypomotility could be possible if documented NPO. No overt evidence of intra-abdominal pain. If clinically indicated, as needed GI support is suggested. Potential for low grade pancreatitis or possible secondary increased CPL owing to structurally insignificant GI inflammation could be possible.

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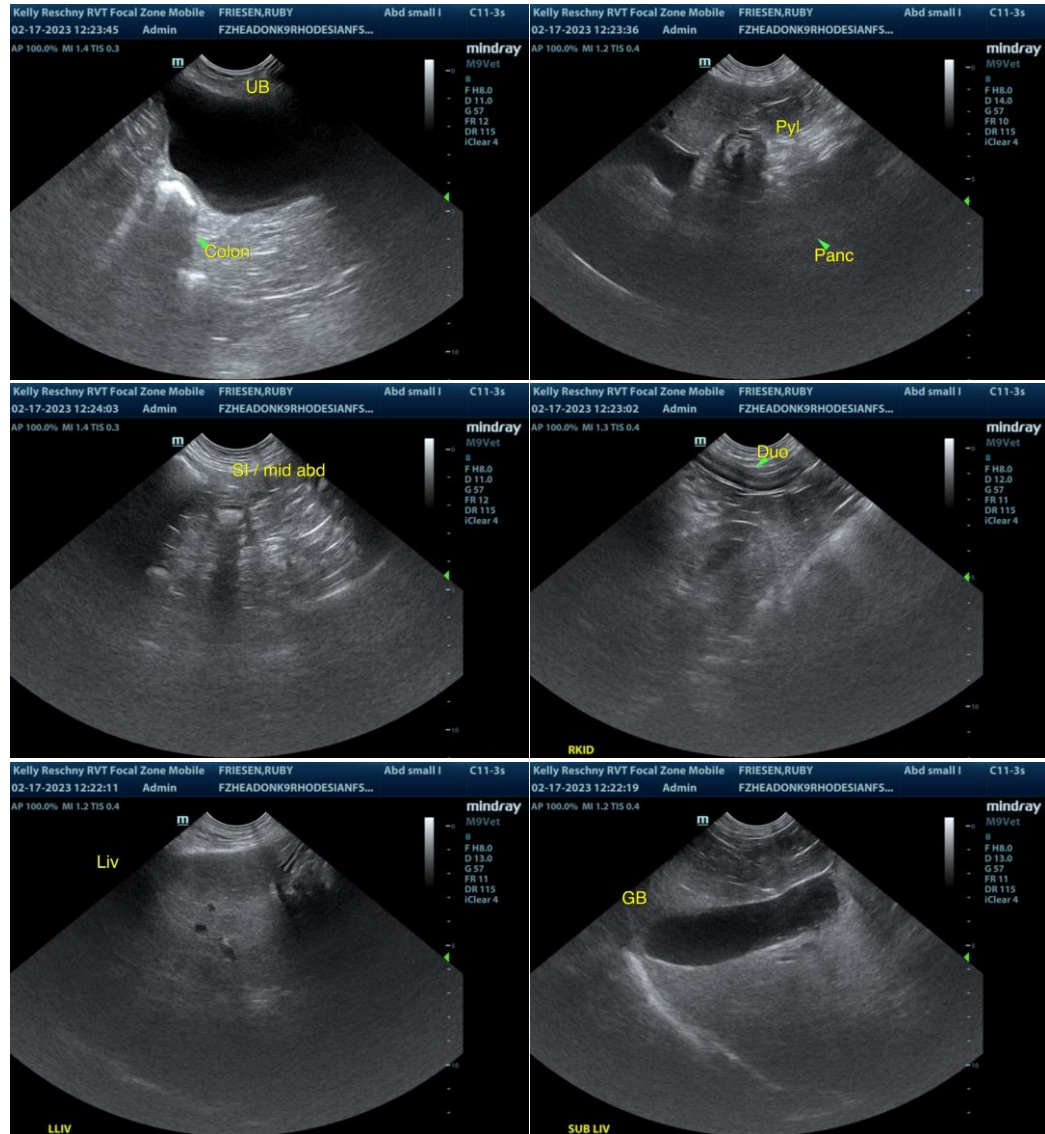
Dr. Hong

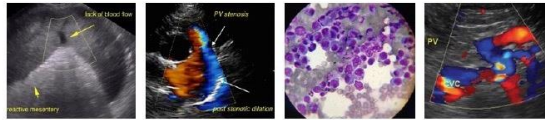
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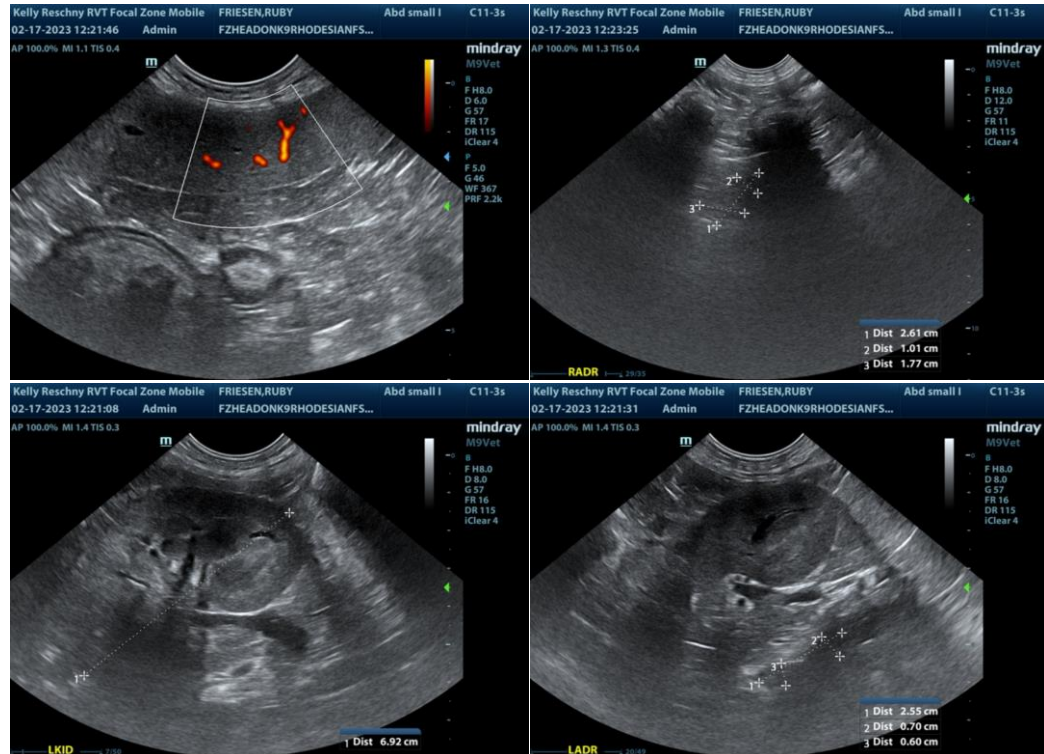
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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