



PATIENT PRESENTING CLINICAL SIGNS

Rocky Ressler History: ACUTE VOMITING, ELEVATED LIVER VALUES CERENIA, CONVENIA, PEPCID, CARAFATE, SQF

SPECIES Abnormal PE/Chem/CBC/UA Results: Alt 868, BUN 37, Creat 2.5, Abnl FPL

Feline **ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Urinary System

BREED

DSH

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 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.

SEX

Neutered male

Normal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Bilateral focal lateral cortical infarcts were observed. Areas of pinpoint medullary mineral were noted in both kidneys. Mild loss of corticomedullary distinction was also present. The renal medullary volume was subjectively reduced. The left kidney measured 3.6 cm in length. The right kidney measured 3.6 cm in length.

AGE

12 years

The area of the aortic trifurcation was free of pathology.

WEIGHT

10.8 pounds

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.46 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.43 cm width.

INTERPRETED BY

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

Spleen

The spleen exhibited a mildly enlarged size, likely owing to sedation and 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. The spleen measured 1.2 cm width at the level of the hilus.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

Liver

The liver presented subjectively mildly 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. Mild hepatic vasculature congestion was present likely owing to sedation. No hepatic masses or nodules were noted.

HOSPITAL NAME

Easton Animal Hospital

REFERRING VET

Dr. Yaswinski

The gallbladder was mildly distended in size with mildly prominent to echogenic gallbladder walls with anechoic luminal content with mild nondependent yet nonorganized luminal debris. The proximal common bile duct was dilated and tortuous without overt post hepatic obstruction. The common bile duct measured 0.25 cm diameter.

INVOICE

10116ag

DATE

03/03/2022



PATIENT *Gastrointestinal*

Rocky Ressler 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 measured 0.25 cm.

SPECIES

Feline The small intestine presented intact wall layering and maintained a primarily 1:3 muscularis/mucosa ratio with segmental propensity for mildly prominent muscularis layer. The small intestinal wall measured 0.24-0.25 cm. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

BREED

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

SEX

Neutered male The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

Pancreas

Free Abdomen

AGE

12 years Focal, mildly prominent to enlarged intermittent mesenteric node was present. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph node measured 0.5 cm in diameter. Small pockets of scant peritoneal free fluid were observed, noted primarily in the cranial abdomen around the liver. This is nonspecific but may be owing to sedation without evidence of significant gastrointestinal disease, hepatic disease and assuming normal albumin levels.

WEIGHT

10.8 pounds

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 (Canine and Feline)

ULTRASONOGRAPHIC FINDINGS

- Bilateral chronic renal changes with focal cortical infarcts.
- Cholecystitis/cholangiohepatitis pattern, mild nonobstructive proximal common bile duct dilation.
- Mildly heterogeneous pancreas.
- Possibly mild inflammatory enteropathy.
- Intermittent subjectively benign/reactive mesenteric lymph nodes, scant peritoneal free fluid.

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 ARDMS/RVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The small intestine exhibited subtle mural changes which may suggest mild inflammatory enteropathy however given the lack of additional clinical signs such as weight loss and diarrhea this finding is nonspecific. Potentially triad disease may be a consideration.

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Further assessment may include hepatic FNA for screening cytology primarily to assess for evidence of inflammatory cells as well as a GI panel to include PLI/TLI/Cobalamin/Folate.

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PATIENT

Rocky Ressler

SPECIES

Feline

BREED

DSH

SEX

Neutered male

AGE

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WEIGHT

10.8 pounds

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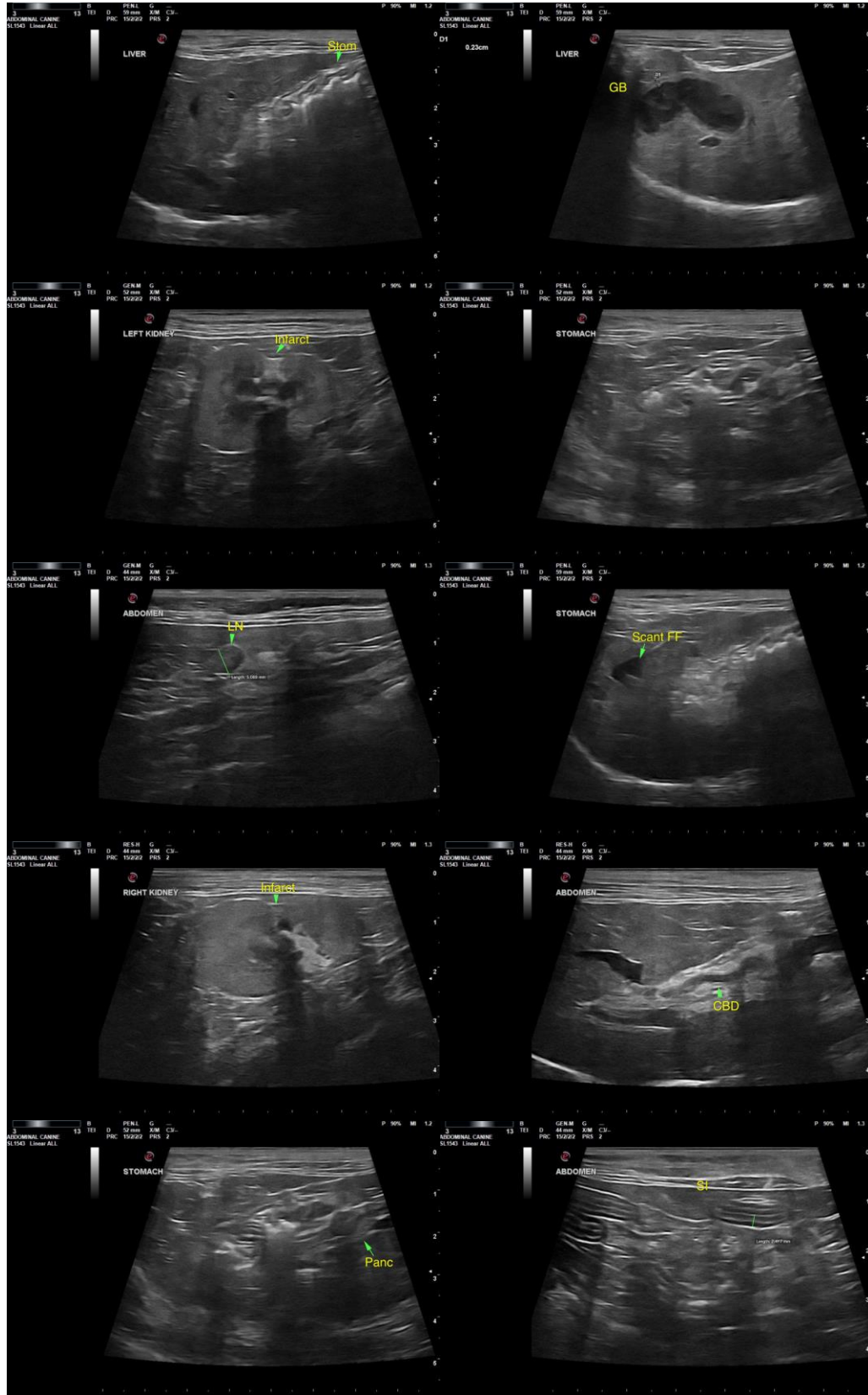
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SPECIES

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SEX

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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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