



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Thunder Salvador
progressive weight loss, regurgitation, concern for abdominal mass effect cranially and left sided on rads currently: tylan, fluoxetine, alprazolam, ubavet, gabapentin, flovent, omega, trazadone, cartrophen, B12, progut PRN

SPECIES Abnormal PE/Chem/CBC/UA Results: Please see attached BW

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Belgian Malanois

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 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.

SEX

Neutered Male

The residual prostate was symmetrically normal in size (1.2 cm diameter) with uniform parenchyma and slight coarse echotexture.

AGE

8 Years

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.8 cm. The right kidney measured 7.3 cm.

WEIGHT

32 kg

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY

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

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.5 cm length x 0.57 cm at the caudal pole. The right adrenal gland measured 2.5 cm length x 0.61 cm at the caudal pole.

IMAGING PERFORMED BY

Kelly Reschny

Spleen

The spleen exhibited subjective mild generalized enlargement with mild medial cranial and caudal folding. Primarily finely textured parenchyma noted, which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. No masses noted. 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

Southside AC

Liver

REFERRING VET

Dr. Jones

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non distended in size with mild, echogenic, nonmineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

INVOICE

25092

Gastrointestinal

DATE

8/31/21

The stomach presented intact yet prominent wall layering noted in the fundus, gastric body and antrum/pylorus. Subtle retained pyloric fluid present. No evidence of overt retained ingesta or foreign material with mild luminal gas present. Gastric body wall measured 0.78 cm. Pylorus wall measured 0.60 cm.



PATIENT

Thunder Salvador

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. Duodenum wall measured 0.42 cm. Jejunum wall measured 0.38 cm.

SPECIES

Canine

Normal visible colon wall layers were present with subjective semiformal to potentially soft feces.

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.

BREED

Belgian Malinois

Free Abdomen

No evidence of omental masses, lymphadenopathy or effusion.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

- Subjective gastritis pattern with possible mild gastric stasis
- Sonographically unremarkable small bowel
- Mild generalized splenomegaly with mild cranial and caudal folding – non-specific
- Mild gallbladder debris – potentially owing to fasting or non-clinical cholestasis

AGE

8 Years

WEIGHT

32 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The mild splenomegaly may indicate benign changes such as hyperplasia, hematopoiesis, or potential incidental splenitis. The minor folding is not overtly indicative of underlying splenic pathology, yet may potentially result in a radiographic mass effect. Given the patient's weight loss, the possibility of early infiltrative splenic neoplasia cannot be definitively excluded.

INTERPRETED BY

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

Assuming normal clotting status, splenic FNA using 25-gauge needle warranted for screening cytology to ensure only benign changes are present. The persistent regurgitation may be owing to some degree of chronic gastritis. The possibility of early infiltrative gastric mural process cannot be definitively excluded. Pending splenic FNA, upper gastrointestinal endoscopy with biopsies should be considered in this patient.

IMAGING PERFORMED BY

Kelly Reschny

Empirically, continued gastroprotectant protocol would be appropriate. Broad-spectrum empirical deworming (if not recently done) and adrenal screening with resting cortisol to rule out occult Addison's disease may be considered. However, the bilateral adrenal glands appear to be sonographically normal.

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PATIENT

Thunder Salvador

SPECIES

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**IMAGING
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HOSPITAL NAME

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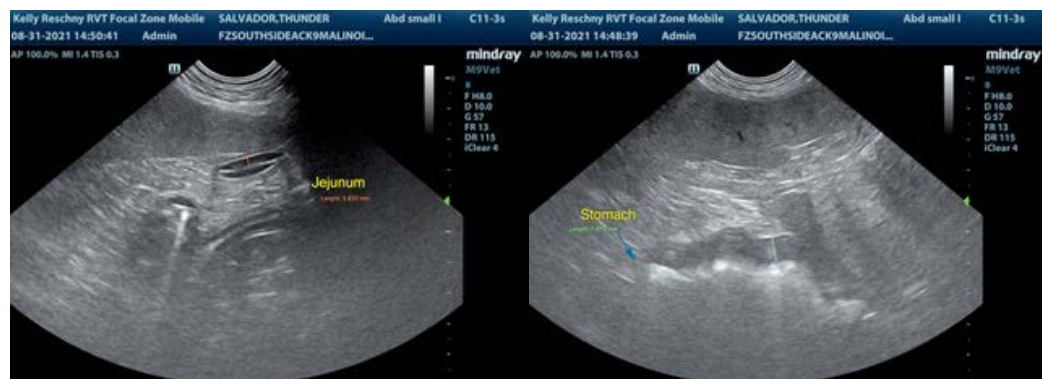
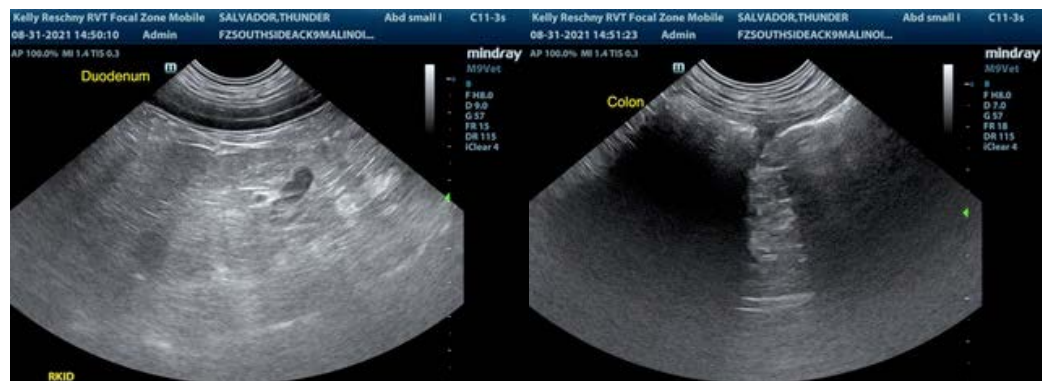
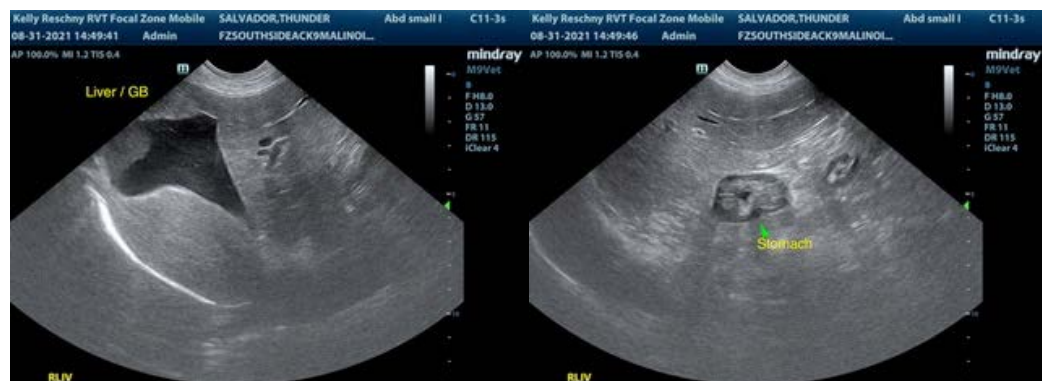
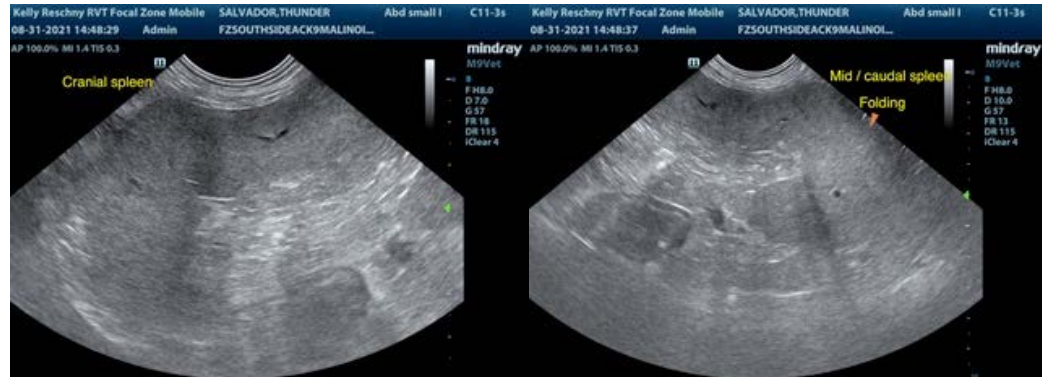
Dr. Jones

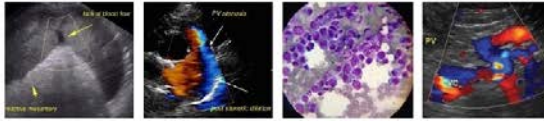
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PATIENT

Thunder Salvador

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.

SPECIES

Canine

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.

BREED

Belgian Malanois

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info@SonoPath.com

SEX

Neutered Male

AGE

8 Years

WEIGHT

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