



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Star Licari
PRESENTING CLINICAL SIGNS History: Rescued 2 days ago from a Deli, only history is "not doing well". Icteric mucous membranes at the physical exam, BCS 3/9, dehydration 5-7%

SPECIES Abnormal PE/Chem/CBC/UA Results: Blood work 4/28: Normal WBC (5.88), normal platelets (490)
 Feline Low hemoglobin (8.1), low hematocrit (23%), normal RBC (5.12) Low BUN (8), low creatinine (0.49) High lactate (4.72) High ALT (192), high ALP (180), high GGT (41), high Total Bili (6.0) FIV/FELV: Pending

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

DSH Urinary System

SEX 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.

AGE Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 3.2 cm in length. The right kidney measured 3.7 cm in length.

WEIGHT The area of the aortic trifurcation was free of pathology.

6.10 pounds Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.53 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.57 cm width.

INTERPRETED BY

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

Spleen

The spleen exhibited potential for mild subnormal size possibly owing to volume contraction with 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 0.56 cm in width at the level of the hilus.

IMAGING PERFORMED BY

Jose

HOSPITAL NAME

Elmhurst Animal
Emergency Hospital

Liver

The liver exhibited generalized enlargement with mildly rounded swollen contour. The liver parenchyma exhibited mild hyperechogenicity. Scant peri hepatic free fluid was noted. No overt masses or nodules observed. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content and mild luminal debris. The gallbladder walls were overtly normal with no evidence of overt inflammation. The cystic and common bile ducts were normal. No evidence of post hepatic obstruction was noted.

REFERRING VET

Dr. Suciu

INVOICE

Gastrointestinal

10477ag 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.

DATE

04/29/2022



PATIENT 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.

Star Licari

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

SPECIES *Pancreas*

Feline 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

Free Abdomen

DSH

No omental masses or overt lymphadenopathy was present.

SEX

SF

ULTRASONOGRAPHIC FINDINGS

AGE

- Hepatopathy exhibiting mild echogenic parenchyma
- Normal gallbladder size with mild luminal debris, overtly normal common bile duct
- Subjective mild volume contracted spleen
- Scant perihepatic free fluid

Young adult/adult

WEIGHT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

6.10 pounds

Overall, the liver presentation was nonspecific with potential etiologies including vacuolar hepatic changes, hepatitis/cholangiohepatitis, lipidosis, infectious/immune mediated disease with hepatic neoplasia considered less likely. Assuming normal clotting status and using a 25g needle, a hepatic FNA could be considered for screening cytology primarily to assess for and identify inflammatory cell type and rule out potential for occult neoplasia. No overt evidence of post hepatic obstruction was present. Empirical therapy for cholangiohepatitis with assessment of clinical response would be reasonable. CBC pathology review is suggested given the anemia. Correlation with pending FIV/FeLV testing is suggested.

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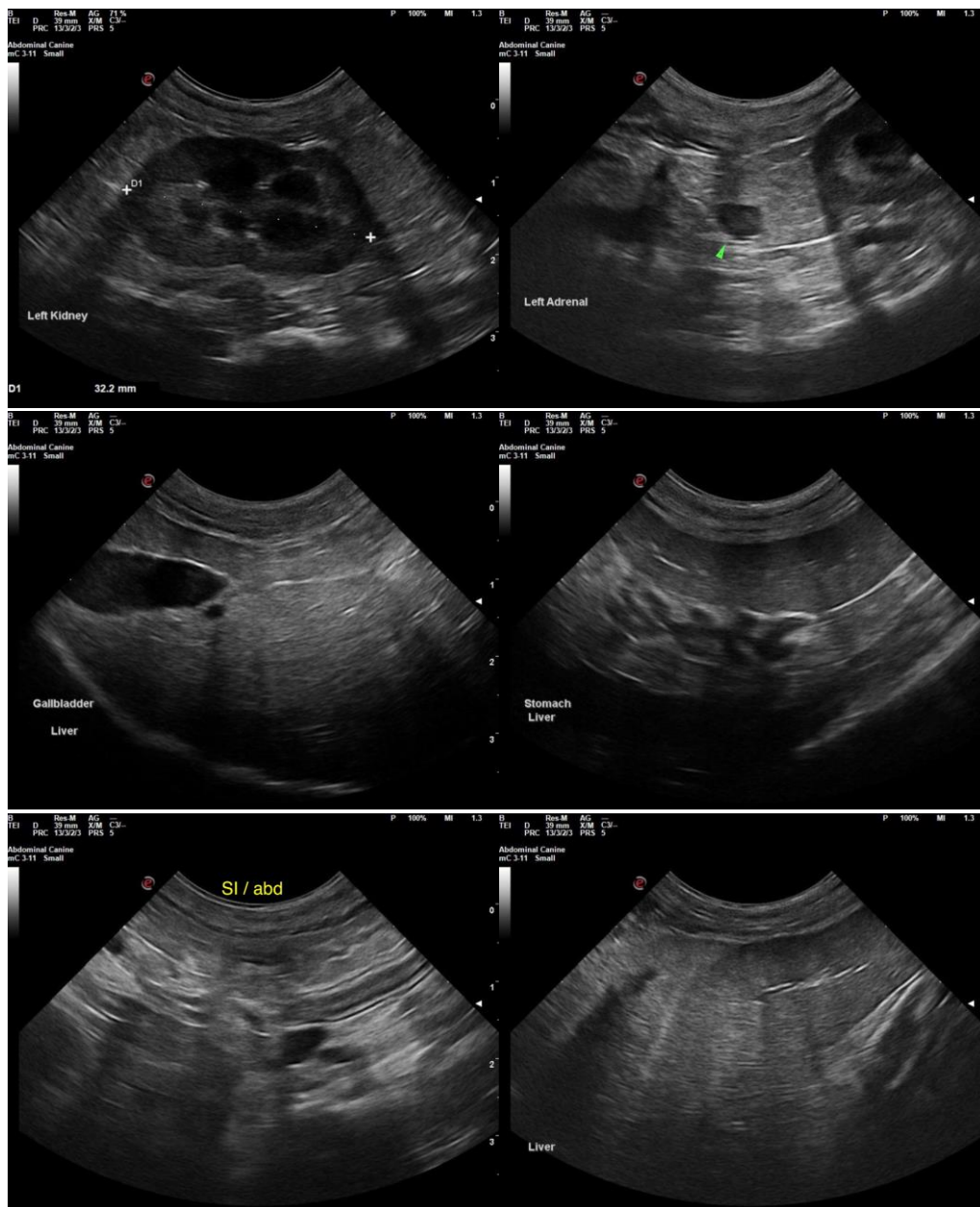
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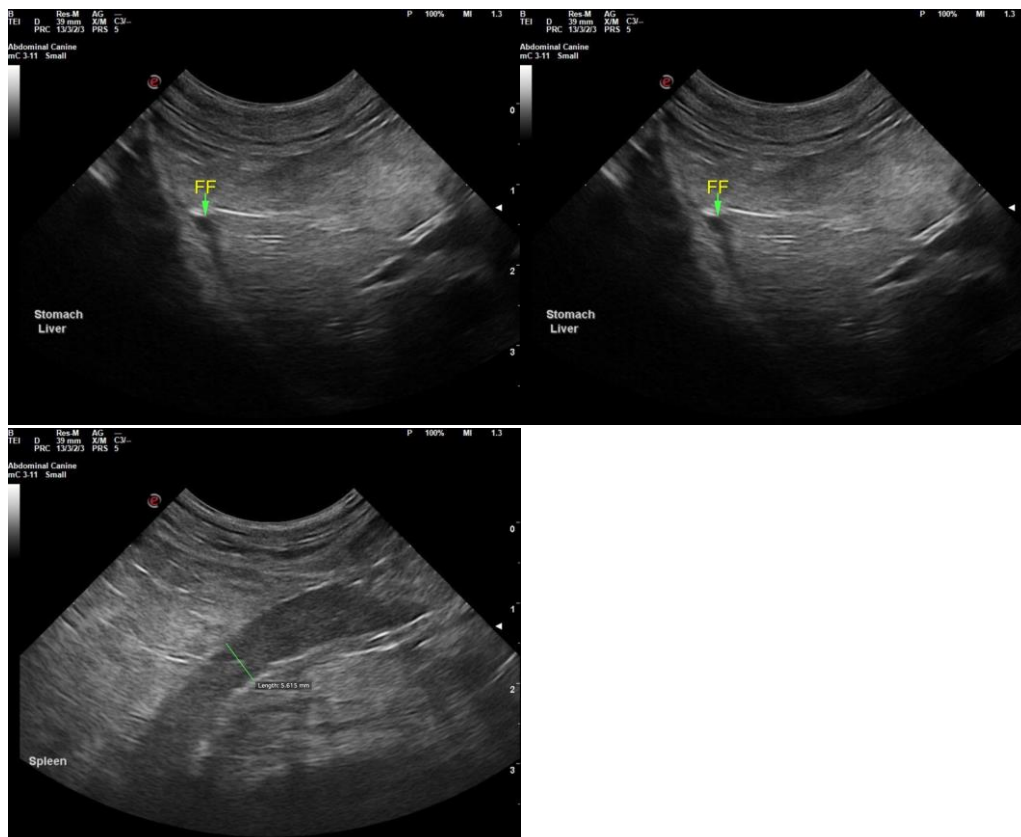
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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