



PATIENT

Kai Dietrich

SPECIES

Feline

BREED

Siamese

SEX

Neutered Male

AGE

10 Years

WEIGHT

15 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Elaina Petrone

HOSPITAL NAME

Long Branch AH

REFERRING VET

Elaina Petrone

INVOICE

12850

DATE

8/28/21

PRESENTING CLINICAL SIGNS

History: Was seen by rDVM on Monday for decreased appetite and ear infection. History of urinary issues. Was treated with convenia and tresaderm. UA-showed cocci, wbcs, rbcs. Presented here on 8/28 with 24-hour history of anorexia and changed behavior. No clinically icteric, serum icteric

Abnormal PE/Chem/CBC/UA Results: ALT>2000 Albumin, HCT, amylase-elevated Total bilirubin: 2.3 T4/ft4-pending

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** presented apical ventral polypoid changes. Minor amount of debris noted. Most consistent with cystitis.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 4.43 cm. The left kidney measured 4.0 cm.

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted. The spleen measured 0.93 cm in width.

Liver

The **liver** revealed increased portal markings with dilated biliary duct. The gallbladder was unremarkable. The cystic duct and common bile duct were tortuous and thickened. The common bile duct was followed to the duodenal papilla- no overt obstruction noted, however, the common bile duct was slightly dilated the upper limits of normal at 4.0 mm at the duodenal papilla.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.



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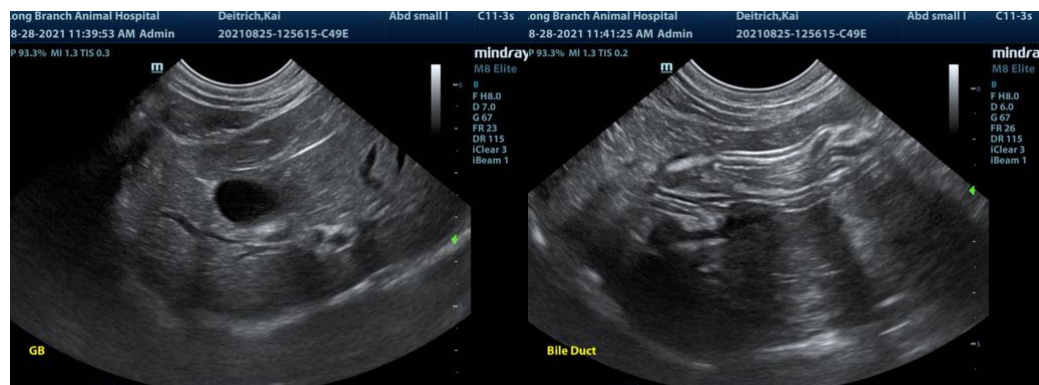
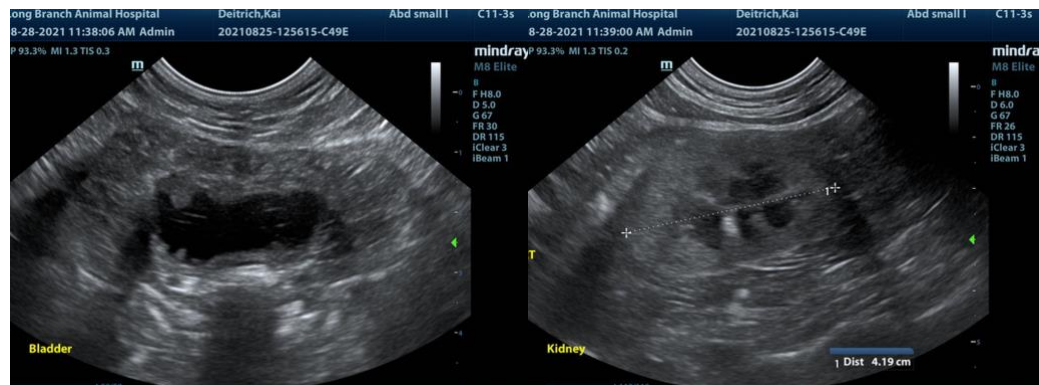
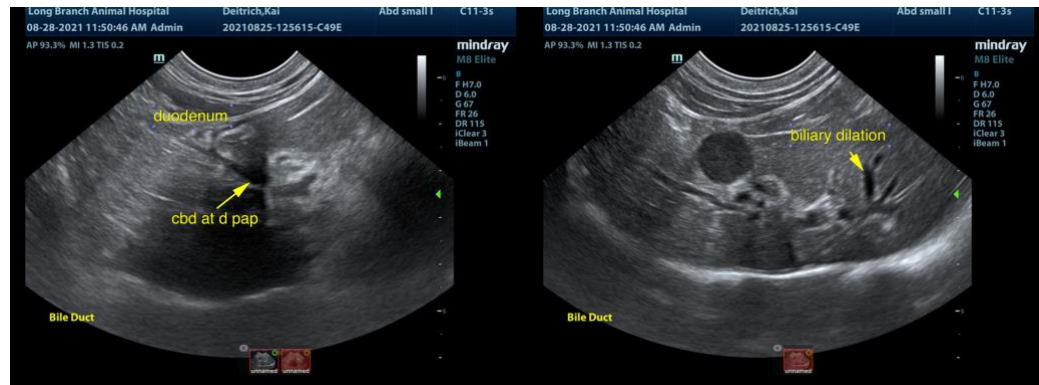
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ULTRASONOGRAPHIC FINDINGS

- Polypoid cystitis pattern
- Age-related renal changes
- Cholangiohepatitis liver pattern with minor biliary dilation

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the liver warranted to assess inflammatory cell type or core liver biopsy. Infectious agents such as toxoplasmosis, bartonella, salmonella should all be considered. Recheck sonogram in 3-5 days to assess the biliary tree. Urine culture and sensitivity indicated.





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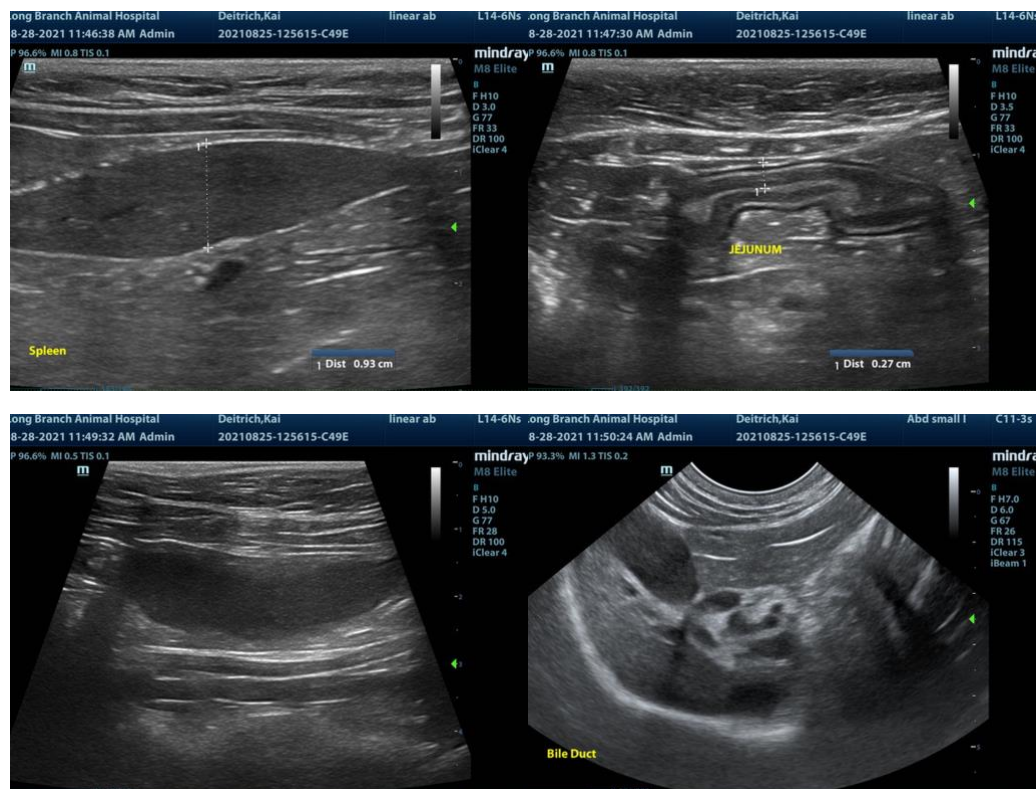
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com