



PATIENT PRESENTING CLINICAL SIGNS

Jacob Wise not eating 1 week, lethargic, severe jaundice, wt loss per o, BCS 4/9, dehydrated, indoor cat **new patient, no prior hx nor vxns nor records
Abnormal PE/Chem/CBC/UA Results: BW-WBC-19.99/NEU 17.08, CHOL 357. BUN 14, GLOB 5.4, ALT 620,ALP 148,GGT 18, BILT 10.2, LAT/VD ABDOMEN CONSTIPATION

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

8 years

WEIGHT

7.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kayla Hanson

HOSPITAL NAME

Yorkville AH

REFERRING VET

Dr. Luttrell

INVOICE

96019

DATE

2/12/22

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.02 cm. The right kidney measured 3.68 cm.

Adrenal Glands

The left adrenal gland was uniform and measured 0.5 cm. The right adrenal gland was not visualized.

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 was noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder was turgid. Lobar biliary duct dilation was noted within the hepatic parenchyma. The common bile duct was dilated in this patient up to 0.6 cm.



PATIENT *Gastrointestinal*

Jacob Wise The visible **gastrointestinal tract** was unremarkable with minor gastric artifact. The small intestine and colon were unremarkable. The mesenteric lymph node was mildly enlarged and measured 0.5 x 1.0 cm.

SPECIES

Feline *Pancreas*

The visible **pancreas** was unremarkable. However, obscuring artifact was noted in the pancreatic region.

BREED

Domestic Shorthair

ULTRASONOGRAPHIC FINDINGS

SEX

Suspect common bile duct obstruction.

Neutered male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

8 years

There was a large amount of interfering artifact noted in this scan. The cause of bilirubin elevation is unclear. I am suspicious for common bile duct obstruction; however, further imaging would be necessary. Further imaging of the common bile duct as it enters into the duodenal papilla is recommended to assess for obstruction. Otherwise, treatment for cholangitis is warranted.

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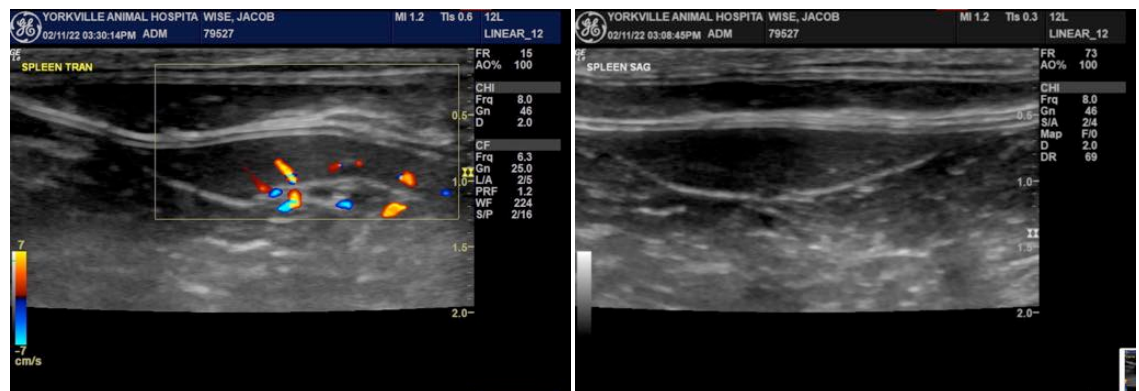
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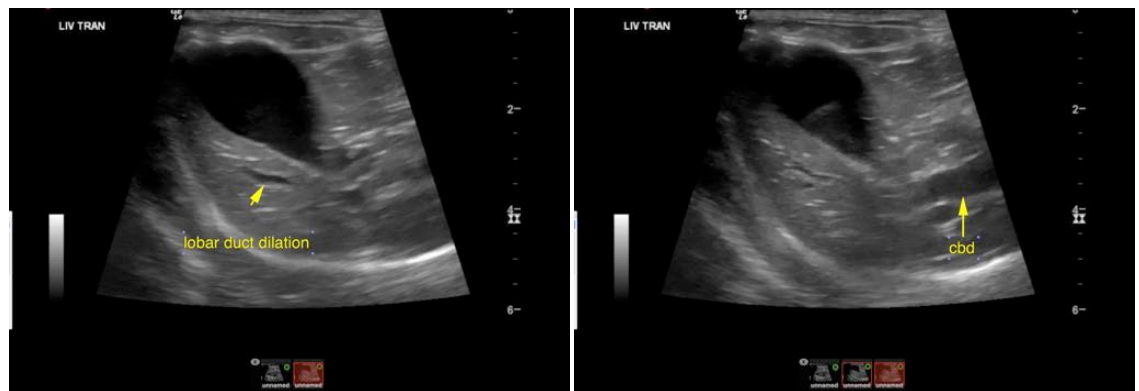
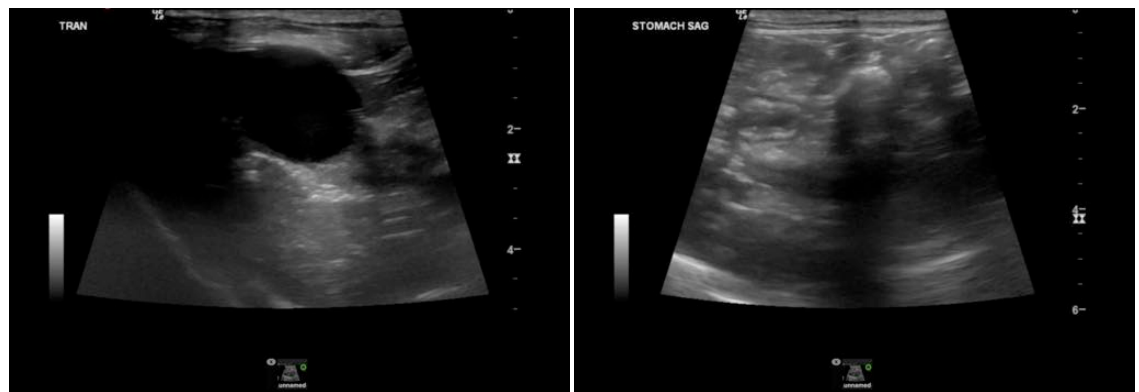
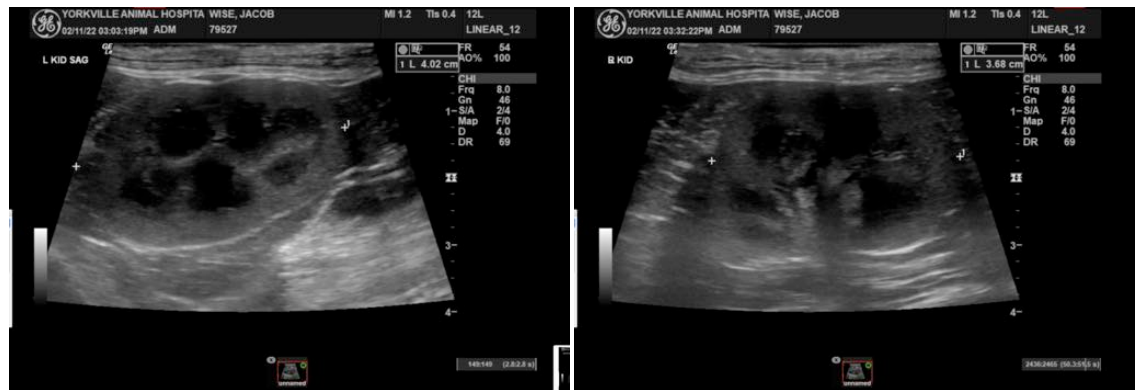
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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