

PATIENT

Troy Kamuca

PRESENTING CLINICAL SIGNS

History: Patient presents with elevated ALT, not eating, and vomiting. History of bladder stone.
Current meds: Denamarin and DL methionine.
Abnormal PE/Chem/CBC/UA Results: No reported bloods.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Chihuahua

The **urinary bladder** revealed a 1.27 cm shadowing calculus. There was a minimal amount of urine present at the time of the sonogram.

SEX

Neutered male

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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Minor mineralization was noted in the kidneys. The right kidney measured 3.7 cm. The left kidney measured 3.67 cm.

AGE

15 years

WEIGHT

8.8 lbs

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 1.44 x 0.36 cm at the caudal pole and 0.59 cm at the cranial pole. The left adrenal gland measured 1.27 x 0.37 cm at the caudal pole and 0.37 cm at the cranial pole.

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Kelly Vazquez, CVT

Liver

The **liver** presented heterogenous parenchyma with increased portal markings and coarse architecture. Slight undulating capsular contour was noted. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The portal vein to vena cava ratio was 1:1. The gallbladder was mildly thickened and measured 0.12 cm.

HOSPITAL NAME

Animal General on
Hudson

REFERRING VET

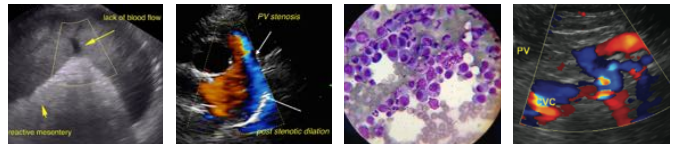
Dr. Ng

INVOICE

31643

DATE

7/13/22



PATIENT

Gastrointestinal

Troy Kamuca

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.

SPECIES

Canine

BREED

Chihuahua

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.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Bladder calculus.

AGE

15 years

Minor renal mineralization.

Minor hepatic remodeling and slightly subnormal hepatic size. Slight cholangitis/cholangiohepatitis pattern.

WEIGHT

8.8 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Bile acid profile is warranted prior to surgery with cystotomy and liver biopsy. Ultrasound-guided FNA of the liver can be considered for further definition. There is no evidence of neoplasia. Leptospirosis titers are warranted to rule out underlying infection.

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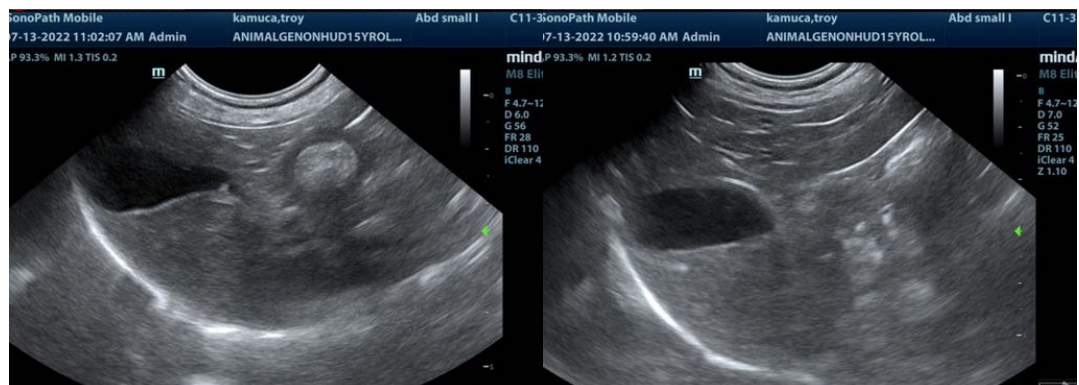
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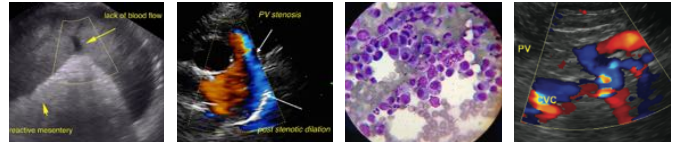


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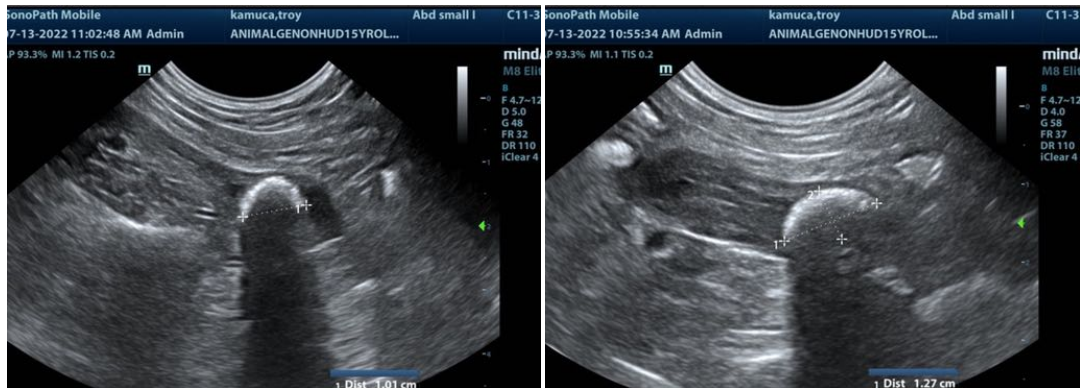
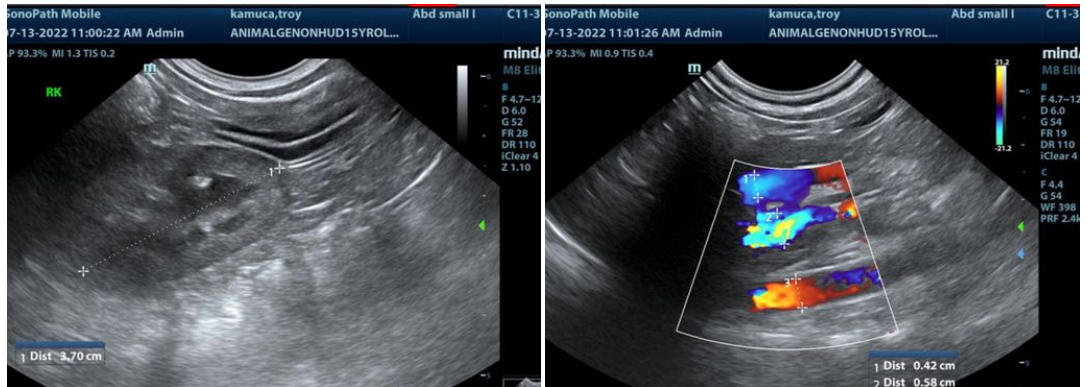
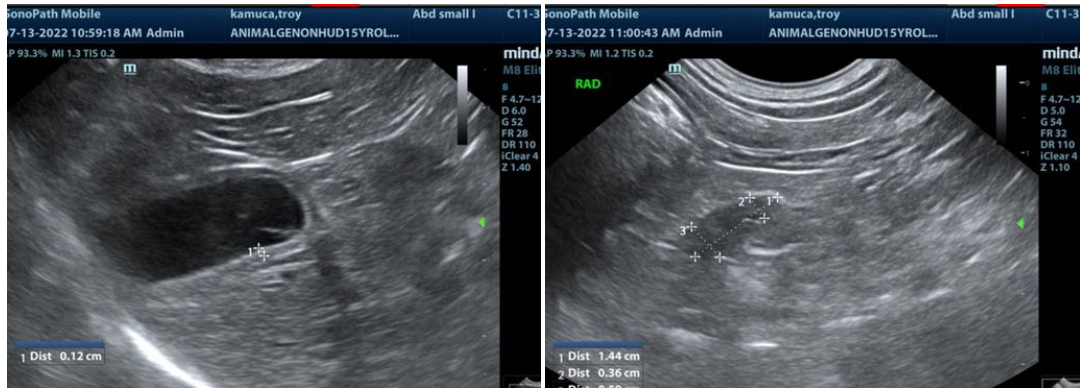
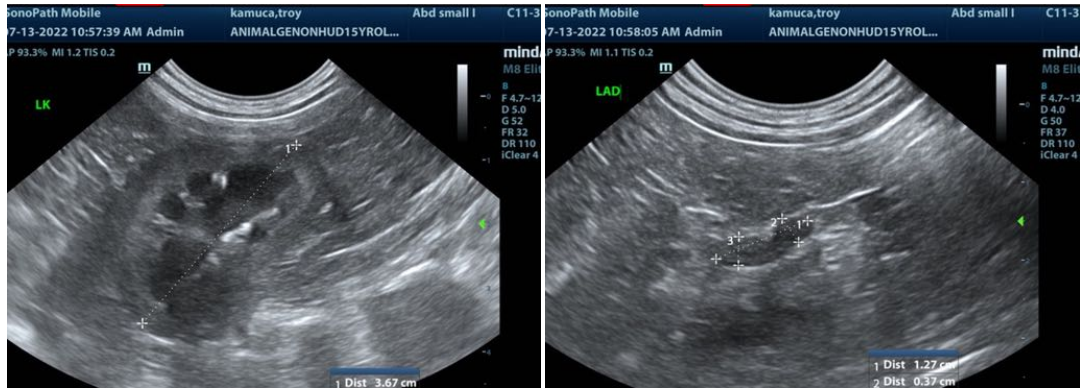
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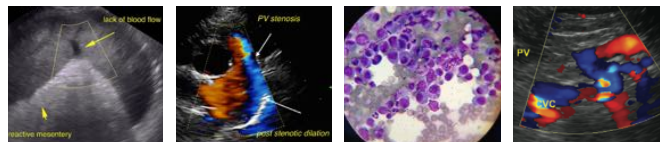
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

BREED

Chihuahua

Info@SonoPath.com

SEX

Neutered male

AGE

15 years

WEIGHT

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