



PATIENT

PRESENTING CLINICAL SIGNS

Csoki Barkovits

History: High liver elevations seen 7/20/22. Dog is doing better on denamarin, referred to us from primary care veterinarian. Patient received prednisone once a week for allergies for the last 5-6 years. Previously had orange colored urine
Abnormal PE/Chem/CBC/UA Results: 07/09/2022: -Chem/CBC: ALP 201, ALT 54 07/20/2022: -Chem/CBC: ALP 3945, ALT 5296, Tbil 7.2, GGT 24, TP 8.9, Glob 5.6 -TT4: 1.7 -UA: Cocci bacteria suspected, USG1.032, Bil 6mg/dL, UB 12mg/dL

SPECIES

Canine

BREED

Pitbull

SEX

Spayed female

AGE

8 years

WEIGHT

66.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Whitcraft

HOSPITAL NAME

Craig Road AH

REFERRING VET

Dr. Whitcraft

INVOICE

31927

DATE

7/25/22

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** were normal in size and contour. The corticomedullary definition was maintained. The left kidney measured 6.0 cm. The right kidney measured 6.18 cm.

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 0.56 cm. The left adrenal gland measured 0.52 cm.

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** had slightly increased portal markings with hypoechoic, hepatic parenchyma. The liver was fairly normal in size. The gallbladder was double layered.

Gastrointestinal

The **stomach** was mildly thickened with an empty lumen. The small intestine and colon was unremarkable.



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Pancreas

Csoki Barkovits

The **pancreas** revealed coarse architecture and was slightly hypoechoic and mildly irregular.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

Acute on chronic cholangitis liver pattern.

BREED

Pitbull

Minor gastric thickening.

Slightly hypoechoic and irregular pancreas.

SEX

Spayed female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Coagulation panel and FNA of the liver is warranted for further definition. Leptospirosis titers are warranted. Assessment for history of hepatotoxin such as mushroom toxicity is also indicated. Some level of low-grade pancreatitis is possible. Subxiphoid palpation is recommended to assess if there is any pain or discomfort. There was no overt evidence of neoplasia. Ampicillin, Metronidazole and nutraceuticals are all indicated as well as IV fluid support.

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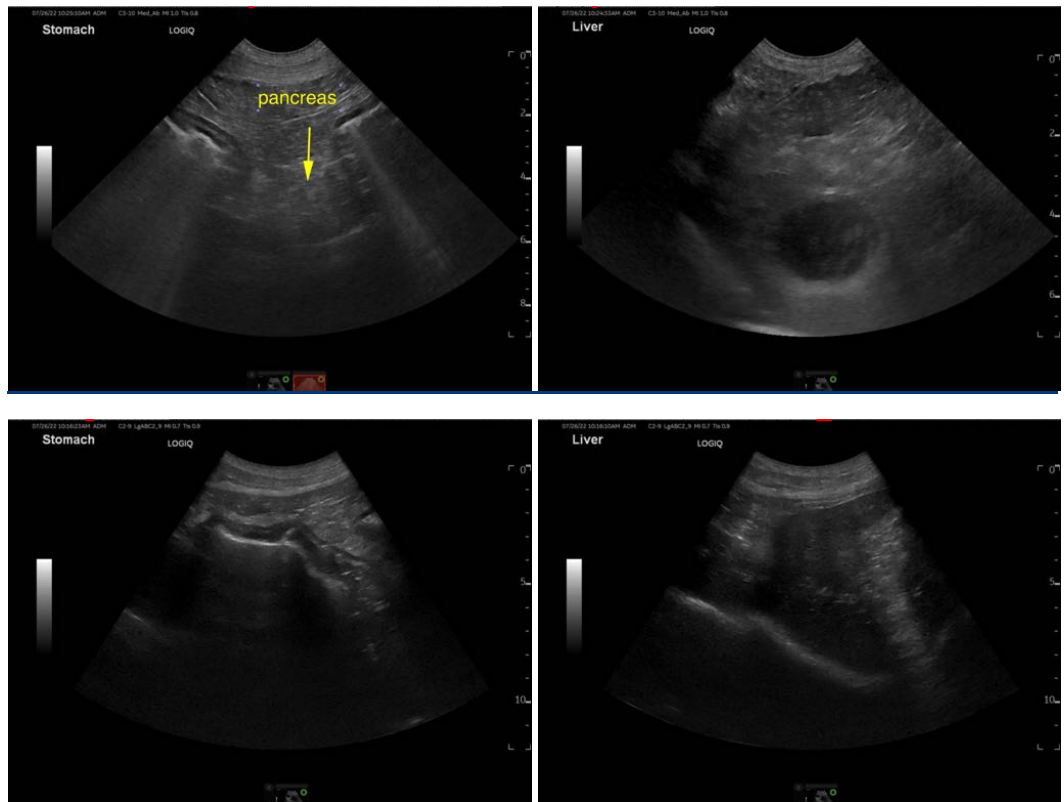
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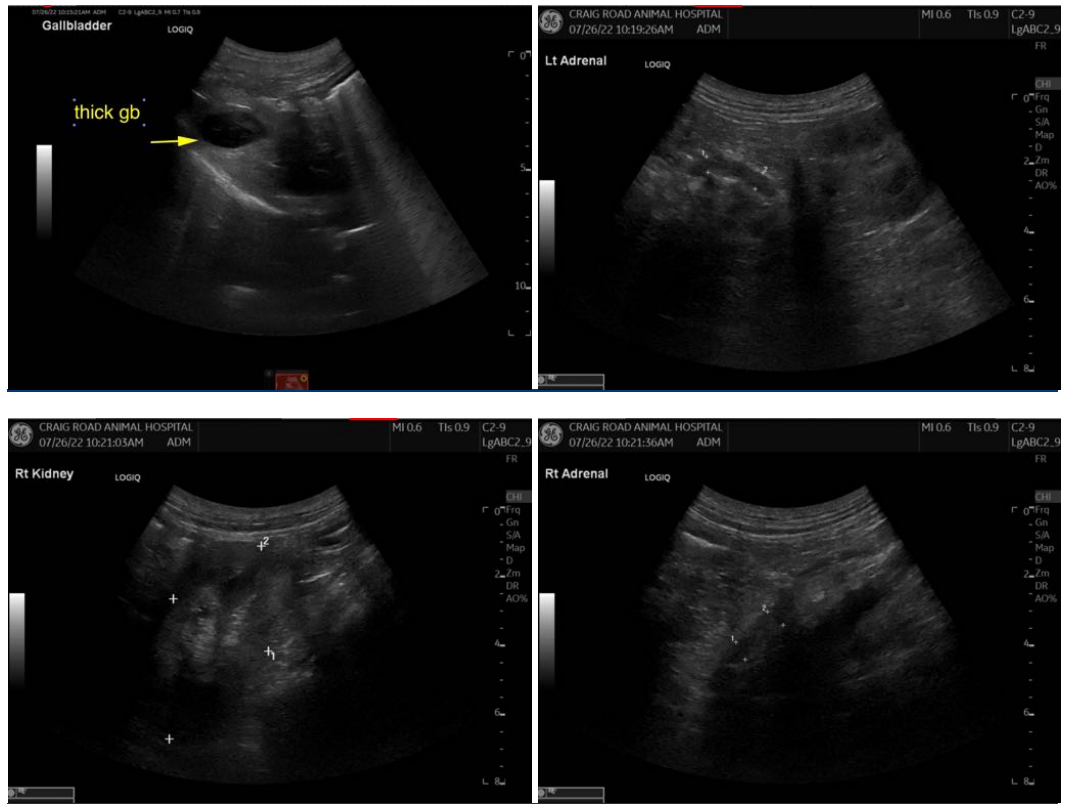
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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