



PATIENT

Baxter Seager

PRESENTING CLINICAL SIGNS

History: Follow up to 4/21/22 ultrasound, emerging mucocoele Clinically improved on ursodiol
Abnormal PE/Chem/CBC/UA Results: ALT was >1000 now 335 Bilirubin was 0.7 now 0.3 ALKP still at 1528

SPECIES

Canine

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.

BREED

Shih Tzu

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.12 cm. The right kidney measured 3.81 cm with pinpoint mineralization.

AGE

10 years

WEIGHT

16 lbs

Adrenal Glands

The region of the **adrenal glands** were imaged with no evidence of pathology.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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

Chelsea Pastor

HOSPITAL NAME

Fredon AH

Liver

The **liver** revealed coarse architecture with increased portal markings. The gallbladder revealed excessive debris, which appears to be subjectively improved from the prior sonogram and reduced in size. The gallbladder measured approximately 3.0 x 2.5 cm. This does not appear to be surgical. However, I am concerned about the ALT elevations if persistent inflammatory hepatopathy is occurring.

REFERRING VET

Dr. Grau

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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.

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Pancreas

SPECIES

Canine

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.

BREED

Shih Tzu

ULTRASONOGRAPHIC FINDINGS

Persistent inflammatory hepatopathy.

Excessive gallbladder debris.

SEX

Neutered male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

10 years

I recommend to continue Ursodiol therapy, Leptospirosis titers are indicated. FNA of the liver is indicated. There is no evidence of neoplasia. Treatment should be based on ALT results and inflammatory cell type.

WEIGHT

16 lbs

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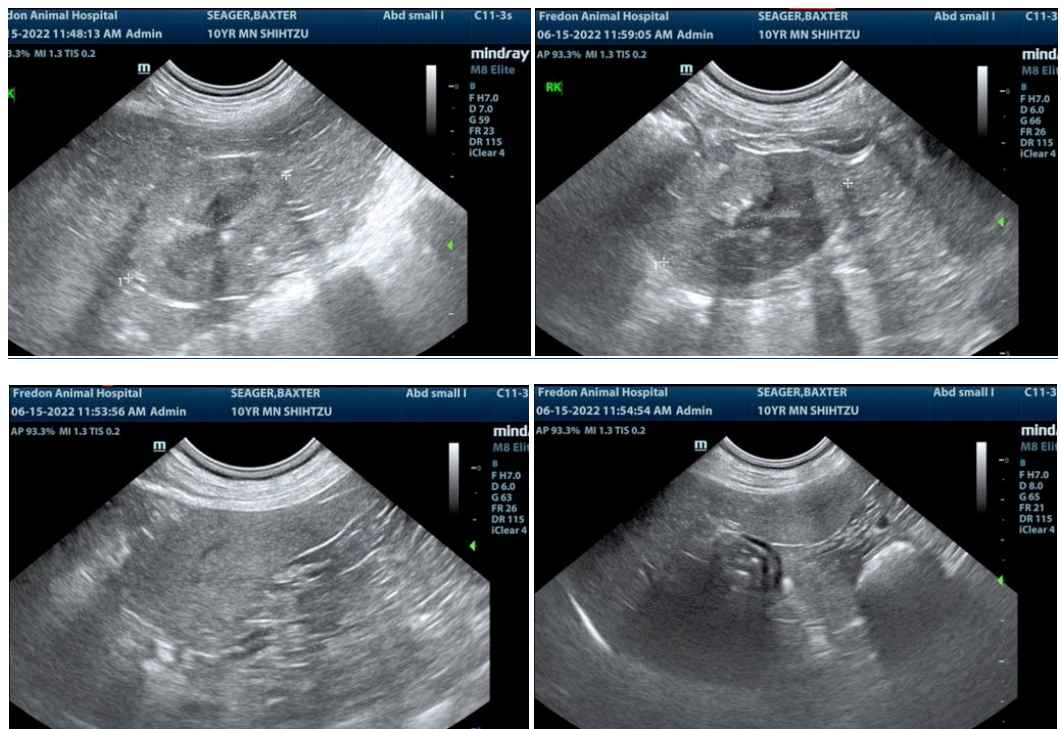
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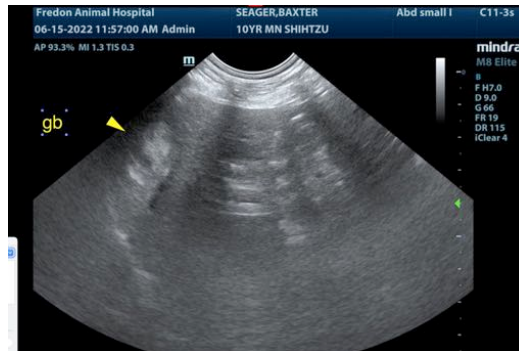
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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