



PATIENT PRESENTING CLINICAL SIGNS

Simon Stowe

Hx of PLE 2 years ago and treated with pred and ID low fat. Was tapered off pred and maintained solely on ID low fat. Hx of elevated liver values as well as elevated bile acids. Currently on amoxi drops; Cerenia SID, pred 2.5 mg PO SID.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Painful on abdominal palpation/during imaging. Pre bile acids - 43.3 Post bile acids - 142.2 ALT - 742; ALP - 279; T. bili - 1.0; Alb - 2.5; Creatinine - 0.5; BUN 6

BREED

Multi-oo

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Neutered male

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. 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.

AGE

9 years

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. Mineralization was noted in the kidneys. The right kidney measured 3.84 cm and the left kidney measured 3.87 cm.

WEIGHT

10 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Adrienne Waffle

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.

HOSPITAL NAME

Torch Lake AH

REFERRING VET

Dr. Pantenburg

Liver

INVOICE

42220

The **liver** presented heterogenous parenchyma with increased portal markings and coarse architecture. Slight undulating capsular contour was noted. The gallbladder and common bile duct were unremarkable. This is consistent with chronic inflammatory hepatopathy.

DATE

12/19/22



PATIENT

Gastrointestinal

Simon Stowe

The **gastrointestinal tract** was largely unremarkable other than minor areas of mucosal fogging and striations with reactive mesentery. No obstructive was noted. No associated abnormal lymphatic activity was noted.

SPECIES

Canine

Pancreas

BREED

Multi-oo

The **pancreas** revealed minor heterogenous parenchymal changes. Low grade inflammation is suspected.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Non-specific inflammatory hepatopathy

Minor mucosal fogging and striations with reactive mesentery.

AGE

9 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

10 lbs

Given the clinical profile along with the sonographic findings some level of pancreatitis may be playing a role in this patient. However, acute hepatic insult is likely. FNA of the liver is indicated as well as Leptospirosis titers. The prednisolone treatment may be suppressing a more significant presentation. Core liver biopsy would be ideal; however, cause of acute insult should be investigated.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Adrienne Waffle

HOSPITAL NAME

Torch Lake AH

REFERRING VET

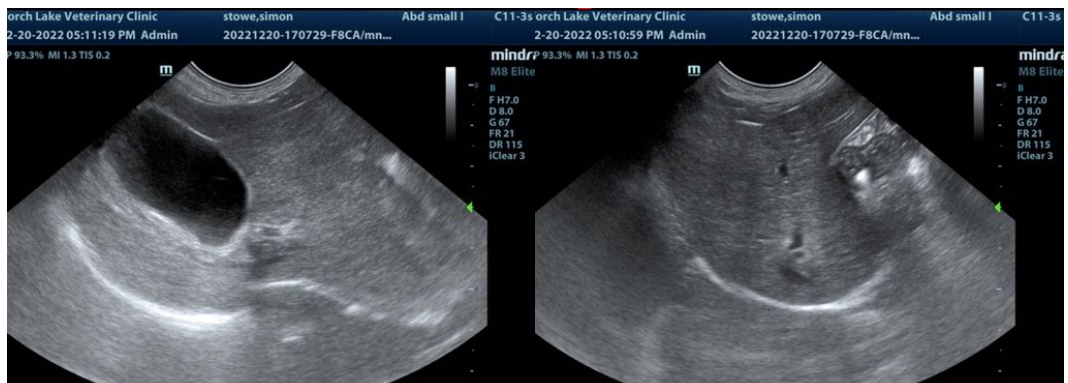
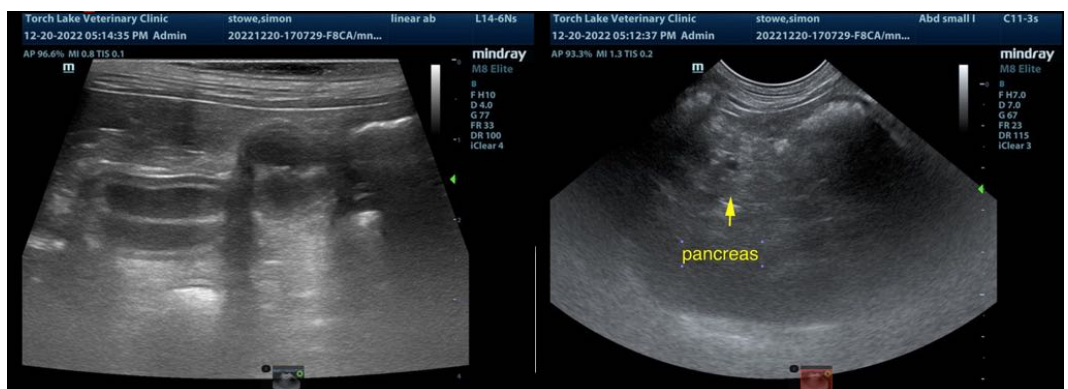
Dr. Pantenburg

INVOICE

42220

DATE

12/19/22





PATIENT

Simon Stowe

SPECIES

Canine

BREED

Multi-oo

SEX

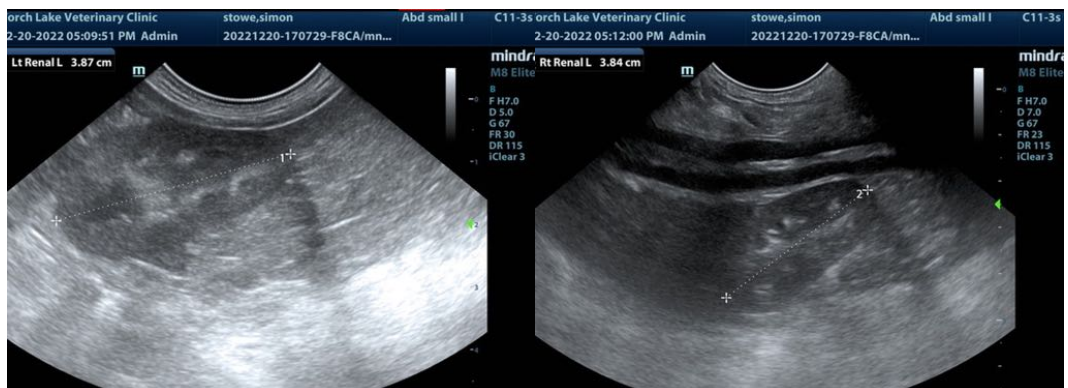
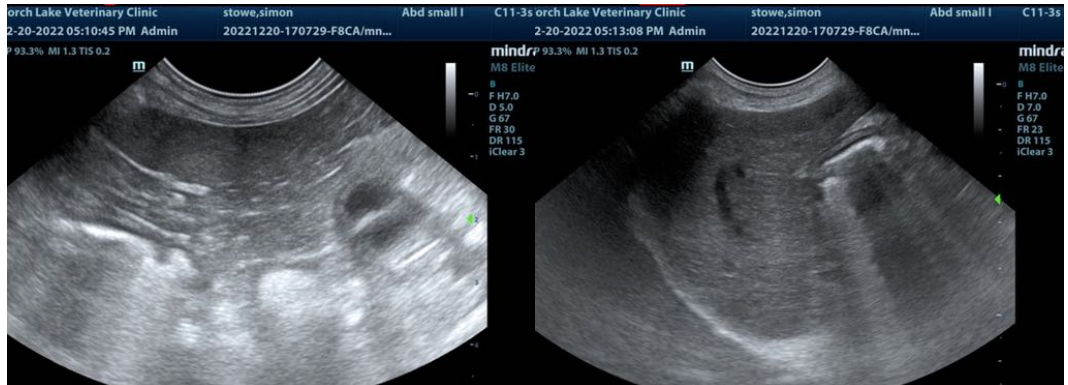
Neutered male

AGE

9 years

WEIGHT

10 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Adrienne Waffle

HOSPITAL NAME

Torch Lake AH

REFERRING VET

Dr. Pantenburg

INVOICE

42220

DATE

12/19/22

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
info@SonoPath.com