



PATIENT PRESENTING CLINICAL SIGNS

Teddy Strohm

History: Presented as a transfer from RDVM. P was seen at RDVM for NE. O was at reg vet a few days ago where blood work was done. BW showed elevated liver values, and had owner return today for repeat BW to check value were correct. Values were the same. P is known to be a sparse eater and O has not noticed when P ate last due to multiple cats and P's history of sporadic eating habits. P has always had loose stool and continues to have now. Previous Health Concerns: ear infection Current Medications/Supplements/OTC: ear meds
Cardiovascular: tachycardia Abdominal: tense in cranial abdomen Chem: BUN 12; Chol 248; ALT 1611; ALP 197; Tbili 3.3 Epoc: Lac 3.70; BUN13 FeLV/FIV/HW negative x3

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

6 years

WEIGHT

4.5 kg

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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. 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** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. Trace pyelectasia was noted. The left kidney measured 3.76 cm. The right kidney measured 3.98 cm.

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. The left adrenal gland measured 0.4 cm.

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

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.

REFERRING VET

Dr. Zippay

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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 presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic

DATE

9/15/21



PATIENT	lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.
Teddy Strohm	
SPECIES	Gastrointestinal
Feline	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.
BREED	
Domestic Shorthair	
SEX	Pancreas
Neutered male	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.
AGE	
6 years	ULTRASONOGRAPHIC FINDINGS
WEIGHT	Structurally unremarkable liver. Acute insult, infectious or toxin is suspected. No evidence of post hepatic obstruction or obvious neoplasia.
4.5 kg	
INTERPRETED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
Eric Lindquist, DMV DABVP, Cert. IVUSS	Salmonella or similar infectious agents should be considered. Ultrasound-guided FNA of the liver is warranted. Enrofloxacin and Metronidazole combination along with liver support protocol should be considered followed by reassessment of the clinical signs.

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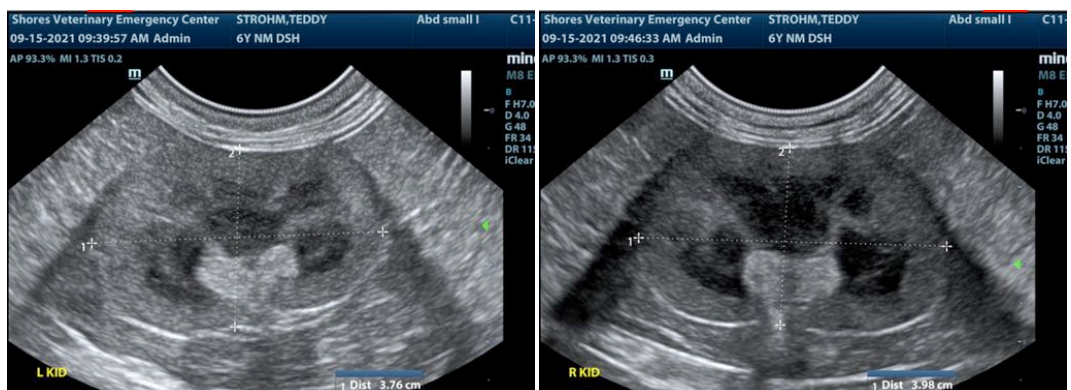
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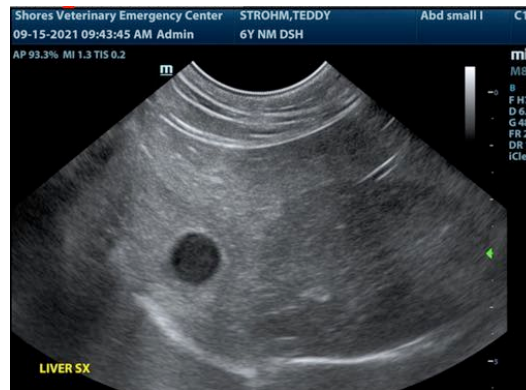
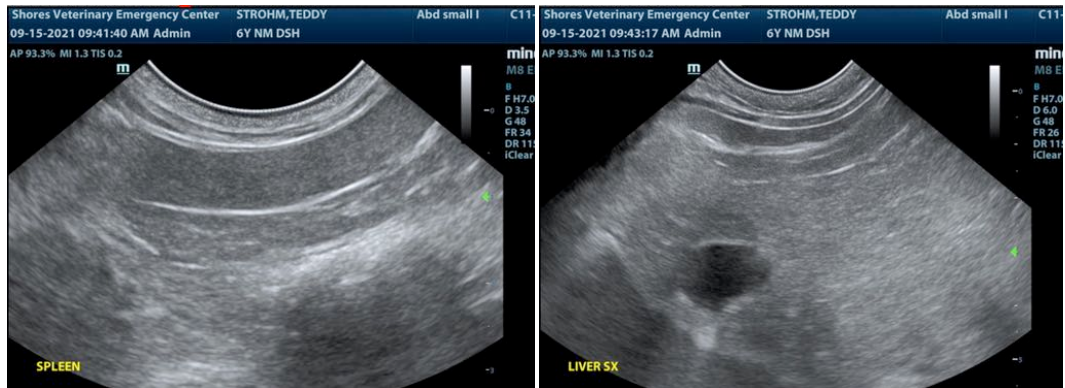
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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