



PATIENT PRESENTING CLINICAL SIGNS

Linus Frey O reports breathing heavily at home. Increased respiratory rate while sleeping (>30).

SPECIES Abnormal PE/Chem/CBC/UA Results: Grade 3/6 left sys murmur ; Hepatomegaly Previous bloodwork in April (elevated ALP; other LEs are normal). T-FAST revealed normal left atrium per Dr. Cerf. R/O: Canine Cholethiasis ; EHBDO?

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Terrier X **Urinary System**

The **urinary bladder** and caudal abdomen were not imaged.

SEX The **kidneys** presented moderate degenerative changes with pyelectasia and cortical cysts. The right kidney measured 5.3 cm. The left kidney measured 5.3 cm.
Neutered Male

AGE Adrenal Glands

8 The **adrenal glands** were not visualized.

WEIGHT Spleen

17.6 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 were noted.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Liver

The **liver** presented minor heterogeneous parenchymal changes. Inflammation noted around the liver. Slight free fluid noted between liver lobes. The gallbladder was double layered and edematous without overdistention. Gallbladder calculus noted measuring 0.76 cm.

IMAGING PERFORMED BY

Dr. Travis Cerf

Gastrointestinal

HOSPITAL NAME

Vet Center of
Hardyston

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.

REFERRING VET

Dr. Travis Cerf

Pancreas

The **pancreas** revealed extensive mixed hypoechoic parenchymal changes in the right base, consistent with pancreatitis.

INVOICE

43661

ULTRASONOGRAPHIC FINDINGS

DATE

6/30/23

- Cholangitis/cholecystitis pattern with gallbladder calculus
- Extensive pancreatitis pattern
- Moderate degenerative renal changes



PATIENT

Linus Frey

SPECIES

Canine

BREED

Terrier X

SEX

Neutered Male

AGE

8

WEIGHT

17.6

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Travis Cerf

HOSPITAL NAME

Vet Center of
Hardyston

REFERRING VET

Dr. Travis Cerf

INVOICE

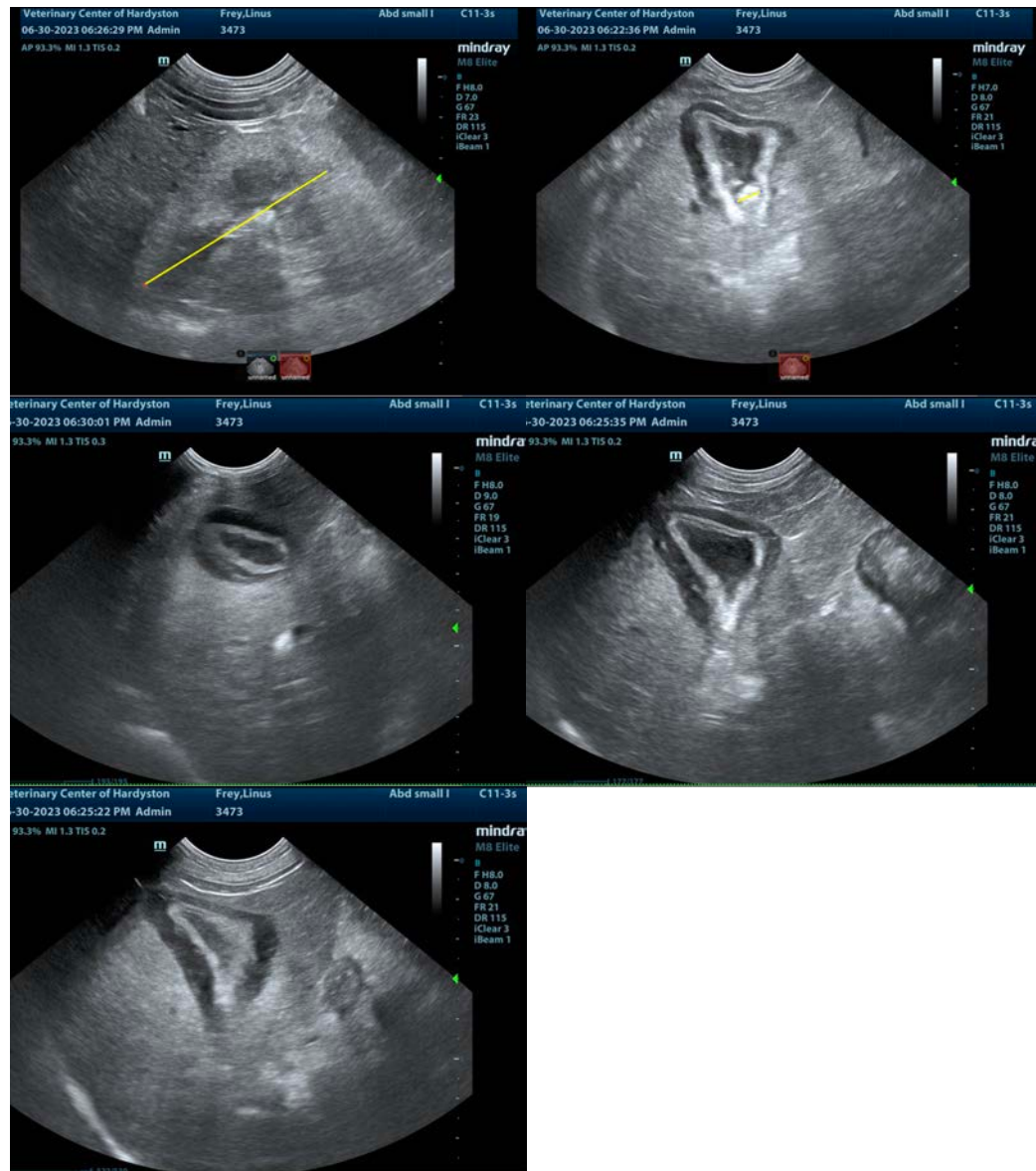
43661

DATE

6/30/23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the hypochoic portion of the pancreas recommended, as well as the liver. 72-hour IV fluid protocol, urine culture and sensitivity, broad-spectrum antibiotics, pain management recommended. Further management based on FNA results. Prognosis is very guarded. Recheck sonogram in 72-hours.



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