

PATIENT

PRESENTING CLINICAL SIGNS

Brody Kessler

Elevated ALT - 3/29/22: 295, 4/12/22: 181. Radiology from 4/12/22 stated enlarged liver. E/D normally. No V/D/C/S.

SPECIES

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

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 were noted. Ureteral papillae were normal.

Chihuahua

SEX

The kidneys revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 4.5 cm in length. The right kidney measured 4.5 cm in length.

Neutered male

AGE

Adrenal Glands

9 years

Both adrenal glands were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The left adrenal glands appeared slightly swollen but technically within normal limits. 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 1.85 cm in length by 0.6 cm. The right adrenal gland measured 2.1 cm in length by 0.5 cm.

WEIGHT

15.4 lbs

INTERPRETED BY

Spleen

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Dr. Cerf

Liver

HOSPITAL NAME

Veterinary Center of
Hardyston

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 and minor debris. Slight over distension was noted in the gallbladder yet teardrop appearance was apparent. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

REFERRING VET

Dr. Cerf

Gastrointestinal

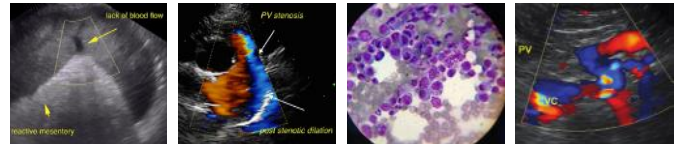
INVOICE

10442ag

Examination of the gastrointestinal tract revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Some retained ingesta was noted in the stomach. 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.

DATE

4/22/22



PATIENT

Brody Kessler

Pancreas

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered male

AGE

9 years

WEIGHT

15.4 lbs

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

ULTRASONOGRAPHIC FINDINGS

- Minor gall bladder debris.
- Age related abdominal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes were minor and nonspecific, a nonspecific hepatopathy is suspected. A FNA of the liver could be considered for further definition. A clinical trial of amoxicillin and metronidazole for a 10 day period as well as Ursodiol is recommended with a recheck sonogram in 3-4 weeks.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Cerf

HOSPITAL NAME

Veterinary Center of
Hardyston

REFERRING VET

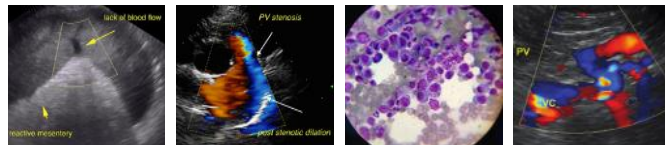
Dr. Cerf

INVOICE

10442ag

DATE

4/22/22



PATIENT

Brody Kessler

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered male

AGE

9 years

WEIGHT

15.4 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Cerf

HOSPITAL NAME

Veterinary Center of
Hardyston

REFERRING VET

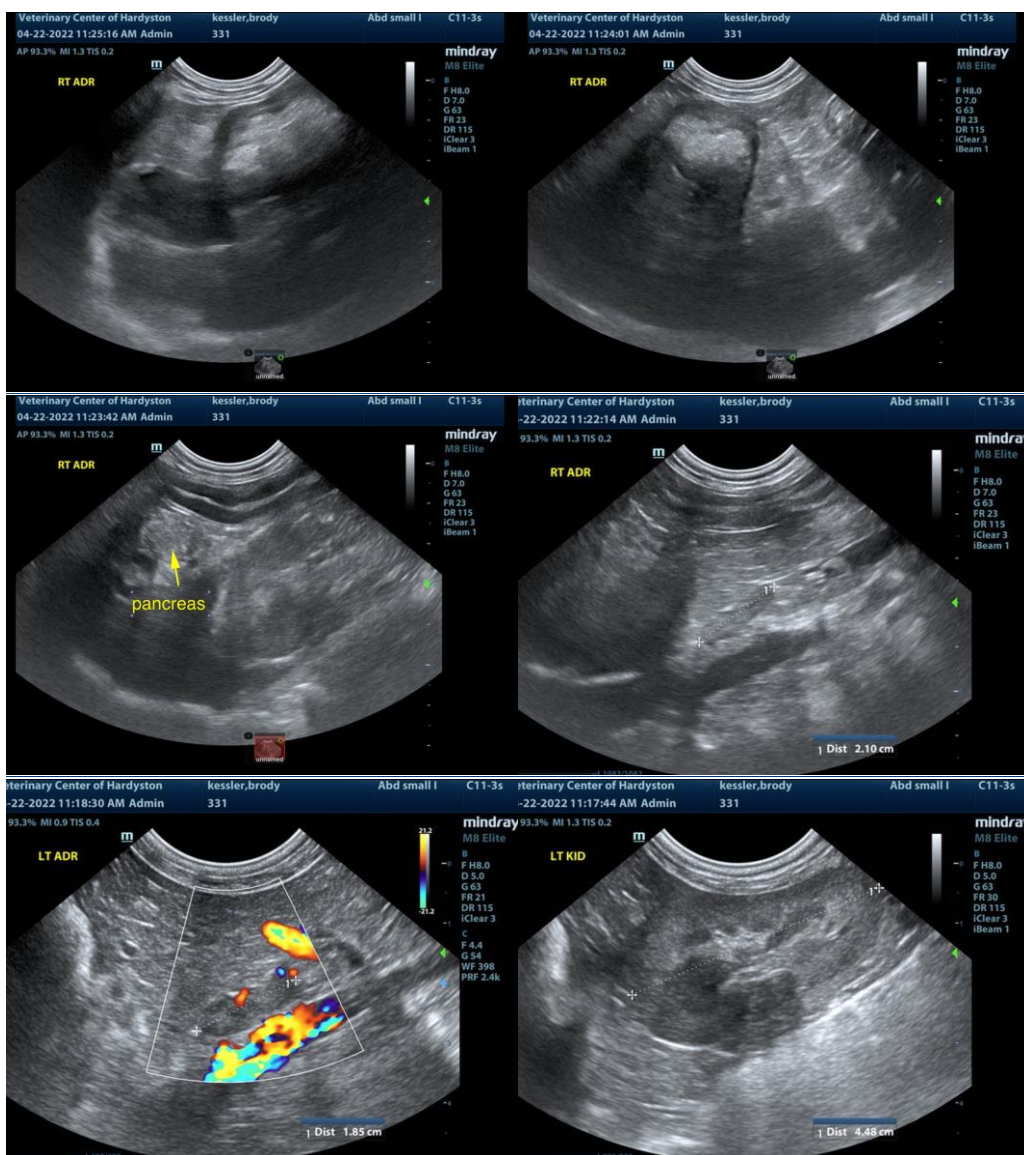
Dr. Cerf

INVOICE

10442ag

DATE

4/22/22



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