

PATIENT

Tanner Ducker

SPECIES

Canine

BREED

Chihuahua Mix

SEX

Neutered Male

AGE

8 Years

WEIGHT

6.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Callihan

HOSPITAL NAME

Animal Emergency
Care

REFERRING VET

Dr. Johnson

INVOICE

14388

DATE

3/20/22

PRESENTING CLINICAL SIGNS

History: Presented for acting restless and uncomfortable, play bow posture and backing up across the floor. No vomiting. At the tail off a stuffed animal a month ago and owner never saw it pass. No diet changes or wayward ingestions otherwise known.

Abnormal PE/Chem/CBC/UA Results: Has regular bloodwork and owner had copy of results from December 2021 when rDVM did panel, tBili was 4.8 at that time (was not remarked on at the time); TP was 9.5, else normal. Today's labs show ALT 501, ALKP low at 21, GGT sl elev 16, T. Bil sl elev 1.9. CBC is normal

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 were noted. Ureteral papillae were normal.

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 right kidney measured 4.51 cm. The left kidney measured 3.93 cm.

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 0.47 cm at the caudal pole. The right adrenal gland measured 0.6 cm at the cranial pole and 0.4 cm at the caudal pole.

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 were noted.

Liver

The **liver** was subnormal in size. The hepatic parenchyma was unremarkable other than being subnormal in size. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

Some minor retention of ingesta was noted in the **stomach**. The small intestine and colon were unremarkable.

Pancreas



PATIENT

Tanner Ducker

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Stomach ingesta
- Microhepatica, acute hepatic insult

BREED

Chihuahua Mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cannot completely rule out the potential portosystemic shunting, however, none of the other parameters were present, such as renal swelling and nephrolithiasis/urolithiasis. Microvascular dysplasia/portal vein hypoplasia likely. Leptospirosis or other causes of acute insult should be considered. Unremarkable abdomen otherwise, No evidence of GI foreign bodies.

SEX

Neutered Male

AGE

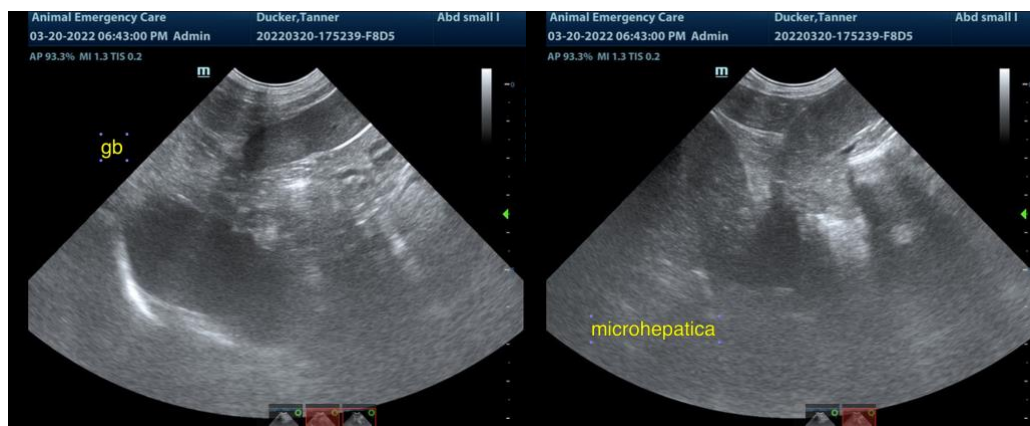
8 Years

WEIGHT

6.4 kg

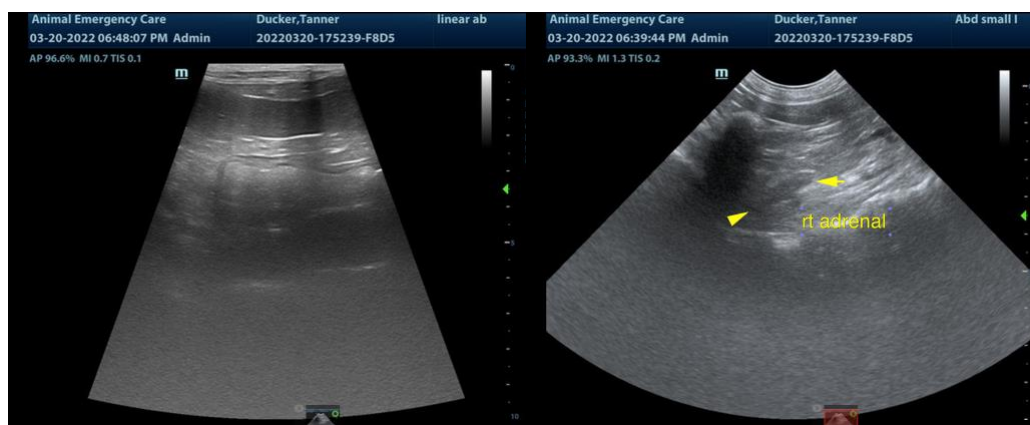
INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS



IMAGING PERFORMED BY

Dr. Callihan



HOSPITAL NAME

Animal Emergency
Care

REFERRING VET

Dr. Johnson

INVOICE

14388

DATE

3/20/22



PATIENT

Tanner Ducker

SPECIES

Canine

BREED

Chihuahua Mix

SEX

Neutered Male

AGE

8 Years

WEIGHT

6.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Callihan

HOSPITAL NAME

Animal Emergency
Care

REFERRING VET

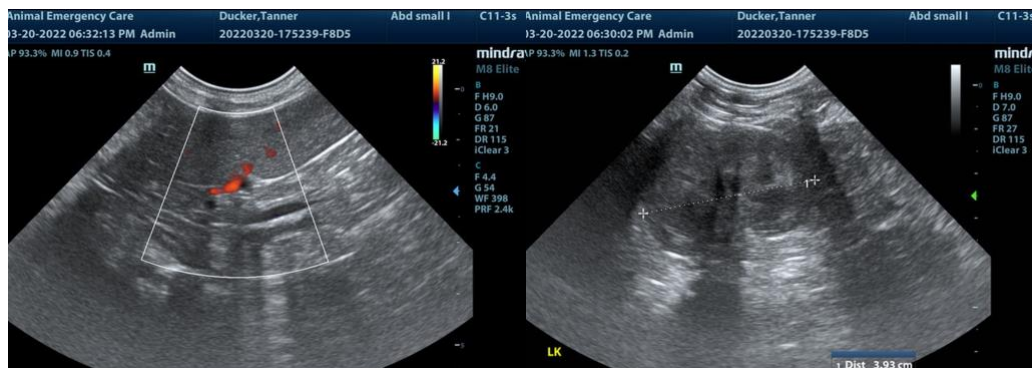
Dr. Johnson

INVOICE

14388

DATE

3/20/22



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
info@SonoPath.com