



PATIENT

Travis Moukalled

SPECIES

Canine

BREED

Mix

SEX

Neutered male

AGE

11 years

WEIGHT

72 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Fortin

INVOICE

40072

DATE

10/12/22

PRESENTING CLINICAL SIGNS

History: Normal physical exam. Not clinical for liver disease (no PU/PD or weight loss).
Abnormal PE/Chem/CBC/UA Results: 7/24/21 - ALP 176, 7/23/22 - ALT 222, ALP 372, USG 1.021.
Denamarin started 8/2/22 9/25/22 (fasted recheck) - ALT 250, ALP 548

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 was noted. Ureteral papillae were normal.

The residual prostate was uniform and measured 1.24 cm.

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 7.42 cm. The left kidney measured 7.61 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 0.82 cm at the caudal pole and 0.81 cm at the cranial pole. The right adrenal gland measured 0.8 cm at the cranial pole and 0.6 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 was noted.

Liver

The **liver** revealed slightly increased portal markings and minor coarse architecture. The changes were minor. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident.



PATIENT

Gastrointestinal

Travis Moukalled

A minor amount of non-shadowing, non-obstructive ingesta was noted in the stomach. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

SPECIES

Canine

BREED

Mix

Pancreas

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.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Mild, non-specific, chronic inflammatory hepatopathy. This is likely reactive hepatopathy.

AGE

11 years

Full stomach, cannot rule out soft foreign matter.

Otherwise, unremarkable abdomen.

WEIGHT

72 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the liver is indicated for further definition.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

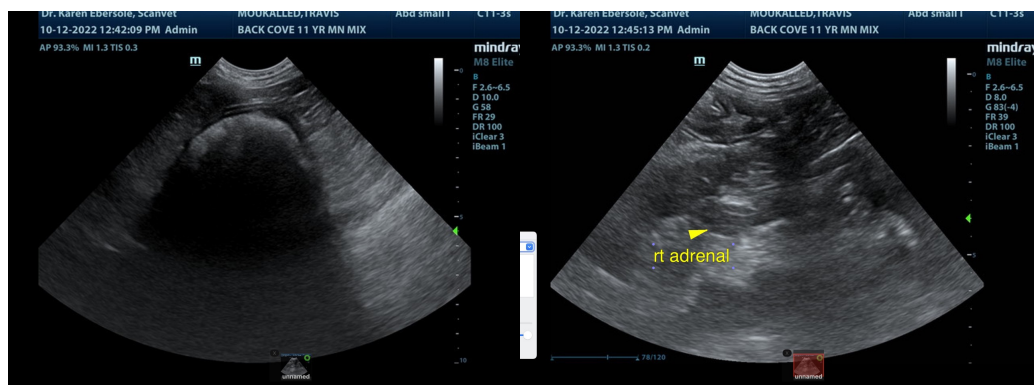
Dr. Fortin

INVOICE

40072

DATE

10/12/22





PATIENT

Travis Moukalled

SPECIES

Canine

BREED

Mix

SEX

Neutered male

AGE

11 years

WEIGHT

72 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

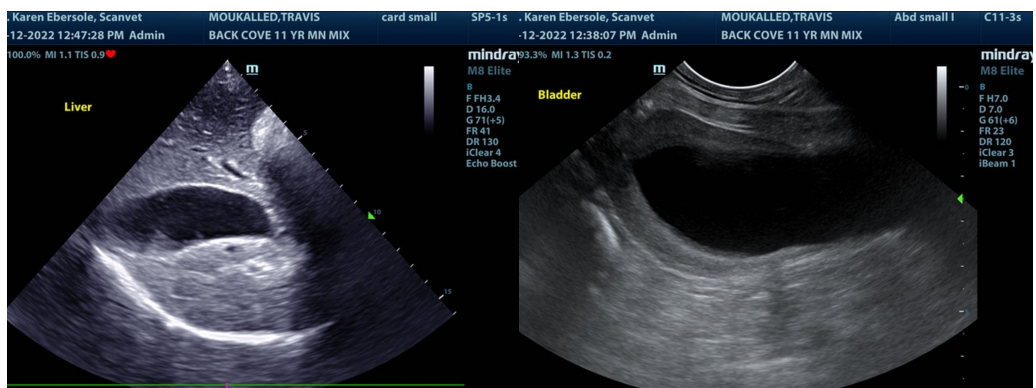
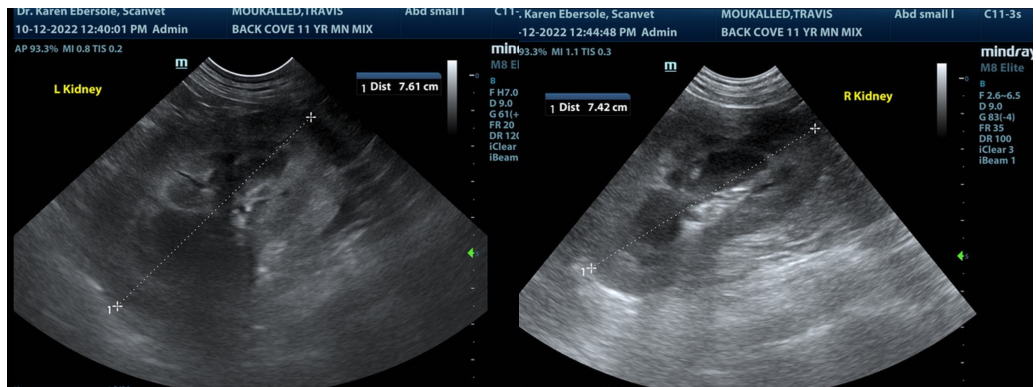
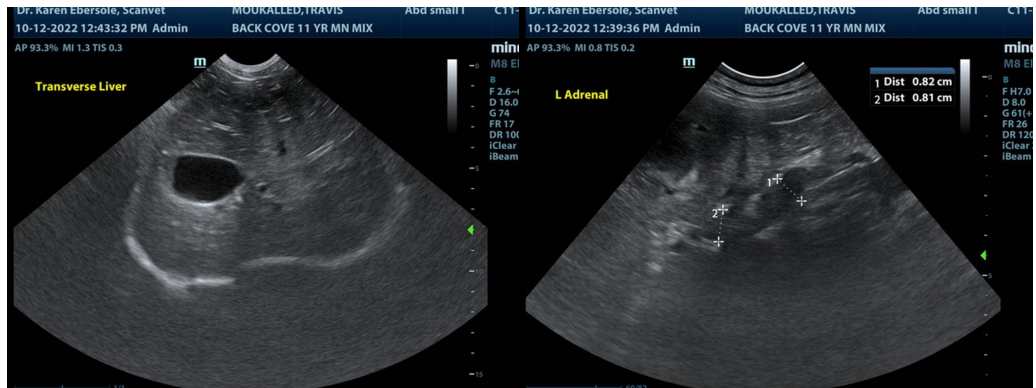
Dr. Fortin

INVOICE

40072

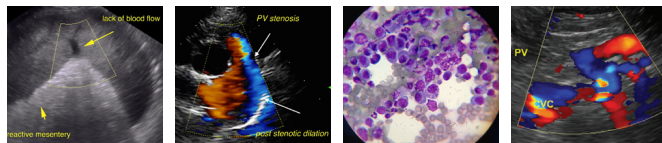
DATE

10/12/22



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.



PATIENT

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

Travis Moukalled

SPECIES

Canine

BREED

Mix

SEX

Neutered male

AGE

11 years

WEIGHT

72 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Fortin

INVOICE

40072

DATE

10/12/22