



PATIENT

Milo Quinlan

SPECIES

Canine

BREED

Chihuahua

SEX

Intact Male

AGE

6 Months

WEIGHT

2.86 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Belan

HOSPITAL NAME

Willow Park AC

REFERRING VET

Dr. Keeler

INVOICE

15885

DATE

6/3/22

PRESENTING CLINICAL SIGNS

History: Elevated liver enzymes on pre anesthetic panel Attending concerned about MHVD / PSS

Abnormal PE/Chem/CBC/UA Results: Mild elevation of liver enzymes and mild elevation of post prandial bile acids.

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 2.91 cm. The left kidney measured 3.09 cm.

Adrenal Glands

Both **adrenal glands** appear subjectively small. The right adrenal gland measured 0.26 cm. The left adrenal gland measured 0.21 cm at the cranial pole and 0.28 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 slightly subnormal in size. No evidence of portosystemic shunting. The portal vein and vena cava measured 4.0 mm each with a 1:1 ratio. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

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.

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.

ULTRASONOGRAPHIC FINDINGS



PATIENT

Milo Quinlan

- Minor Microhepatica
- Small adrenal glands

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

No evidence of macroscopic shunting. Portal hypoplasia/microvascular dysplasia is a potential. Screening for congenital Addisons warranted, to rule out this potential. Baseline cortisol recommended.

BREED

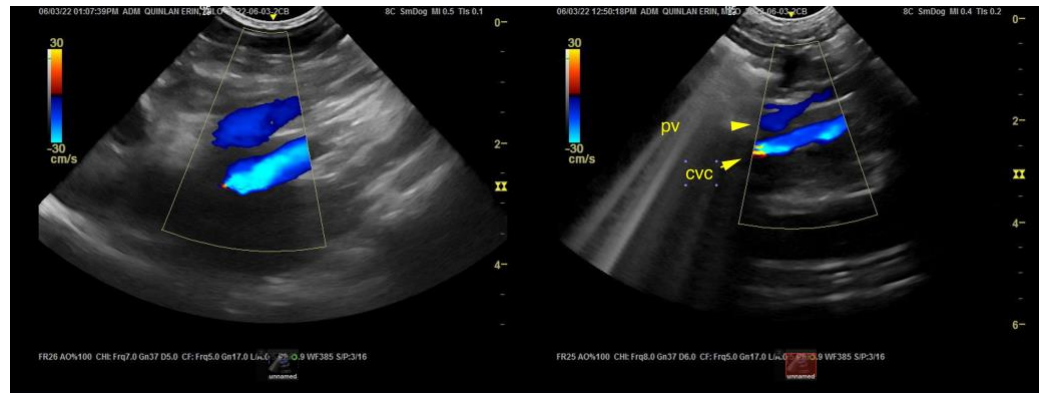
Chihuahua

SEX

Intact Male

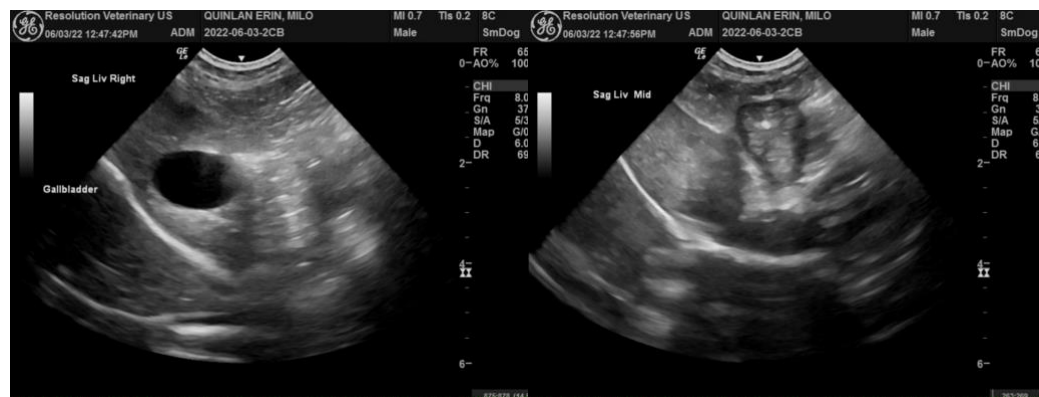
AGE

6 Months



WEIGHT

2.86 kg



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Willow Park AC



REFERRING VET

Dr. Keeler

INVOICE

15885

DATE

6/3/22



PATIENT

Milo Quinlan

SPECIES

Canine

BREED

Chihuahua

SEX

Intact Male

AGE

6 Months

WEIGHT

2.86 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Willow Park AC

REFERRING VET

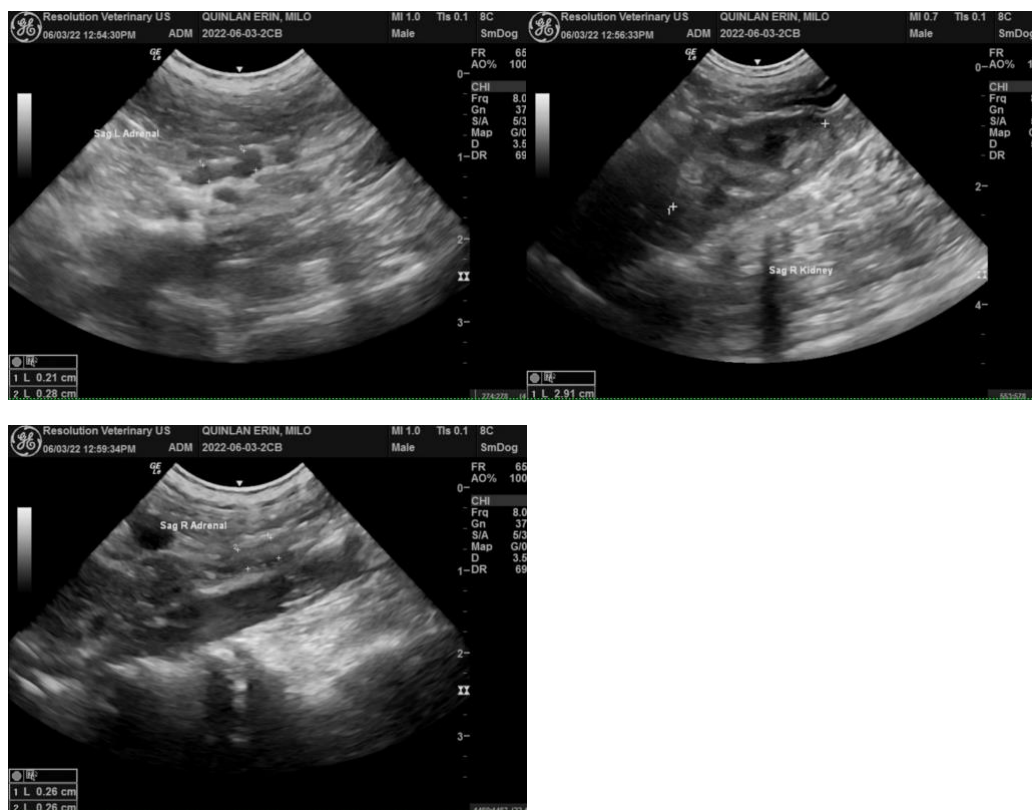
Dr. Keeler

INVOICE

15885

DATE

6/3/22



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