



PATIENT PRESENTING CLINICAL SIGNS

Louie Natale Recheck hepatic function.

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 was noted. Ureteral papillae were normal.

Shih Tzu

SEX

Neutered male

The **kidneys** are slightly subnormal in size with hyperechoic medullary rim sign. Both kidneys are slightly subnormal in size with hyperechoic medullary rim sign. Some form of renal dysplasia is a potential. The left kidney measured 2.87 cm. The right kidney measured 2.93 cm.

AGE

1 year

Adrenal Glands

WEIGHT

8 lbs

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 1.59 x 0.4 cm at the caudal pole and 0.49 cm at the cranial pole. The right adrenal gland measured 1.43 x 0.48 cm at the caudal pole and 0.85 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Jenn

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.

HOSPITAL NAME

Rockaway AH

Liver

REFERRING VET

Dr. Maniar

The **liver** is slightly subnormal in size, yet uniform in shape and structure. There was no evidence of intrahepatic shunting. The gallbladder presented acceptably thin walls with primarily anechoic content. 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.

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Gastrointestinal

DATE

7/5/22

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.



PATIENT

Pancreas

Louie Natale

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

BREED

Minor microhepatica.

Shih Tzu

Medullary rim kidneys with slight subnormal in size. Possible, minor, primary renal dysplasia depending upon the overall size of this patient with respect to the kidney size.

SEX

Neutered male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no evidence of intrahepatic shunting.

AGE

1 year

WEIGHT

8 lbs

INTERPRETED BY

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IMAGING PERFORMED BY

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HOSPITAL NAME

Rockaway AH

REFERRING VET

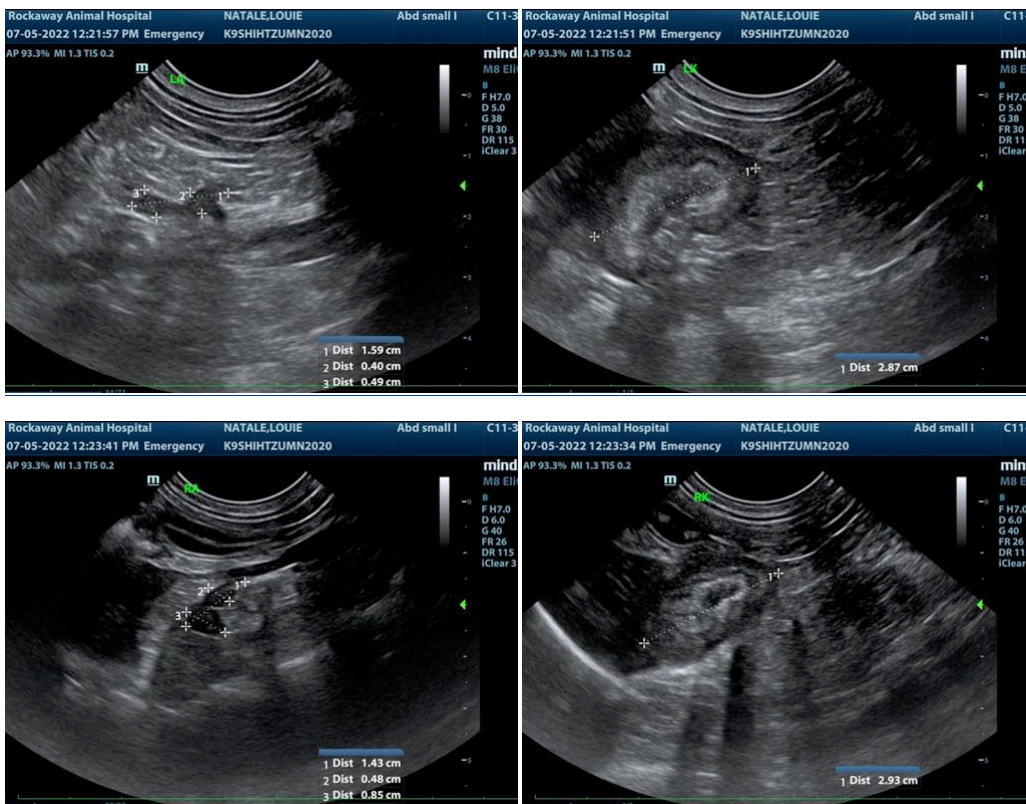
Dr. Maniar

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PATIENT

Louie Natale

SPECIES

Canine

BREED

Shih Tzu

SEX

Neutered male

AGE

1 year

WEIGHT

8 lbs

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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.

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