



PATIENT

Milo Ortiz

SPECIES

Canine

BREED

Golden

SEX

Male

AGE

5 years

WEIGHT

61 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

INVOICE

40181

DATE

10/20/22

PRESENTING CLINICAL SIGNS

History: 1 month hx of anorexia, and weight loss
Abnormal PE/Chem/CBC/UA Results: CBC WNL Creat 4.3 BUN 43 decreased CL ALB increased
Glob 4 dx positive for anaplasmosis and Lyme

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 **kidneys** were normal in size and contour with minor pyelectasia in the left kidney. There was slightly increased cortical echogenicity. The changes were unremarkable. Urinalysis work-up is recommended to assess for any evidence of UTI. The left kidney measured 7.48 cm. The right kidney measured 8.13 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 2.72 x 0.43 cm at the caudal pole and 0.48 cm at the cranial pole. The right adrenal gland measured 2.64 x 0.97 cm at the cranial pole and 0.71 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. The gallbladder and common bile duct were unremarkable. Vascularity was normal.

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



PATIENT demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Milo Ortiz

SPECIES *Pancreas*

Canine 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.

BREED

Golden

ULTRASONOGRAPHIC FINDINGS

SEX

Mild degenerative renal changes with minor pyelectasia.

Male

Slight hepatic remodeling.

AGE

5 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no evidence of significant disease. Given the azotemia in this patient acute insult such as Leptospirosis or toxin exposure or underlying occult Addison's is all possible. The cause of weight loss is unclear. Blood pressure measurements and complete urinary work-up is indicated. 72-hour IV fluid protocol and treatment for azotemia is indicated. I recommend reassessment of the clinical status.

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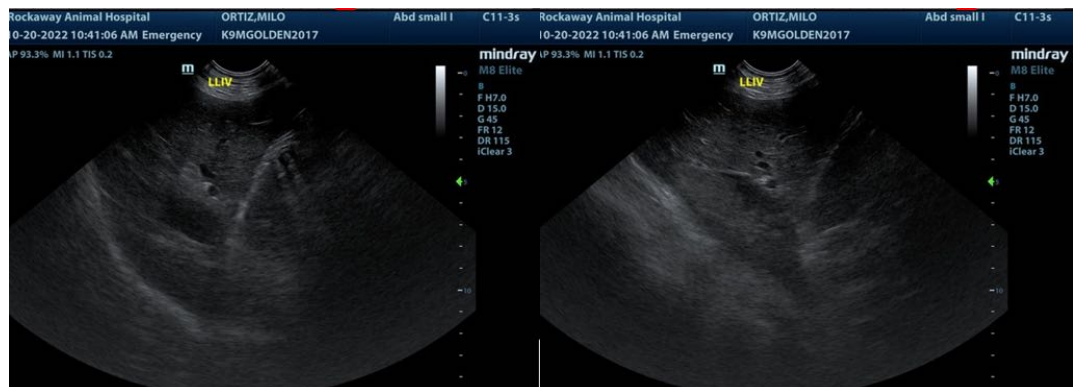
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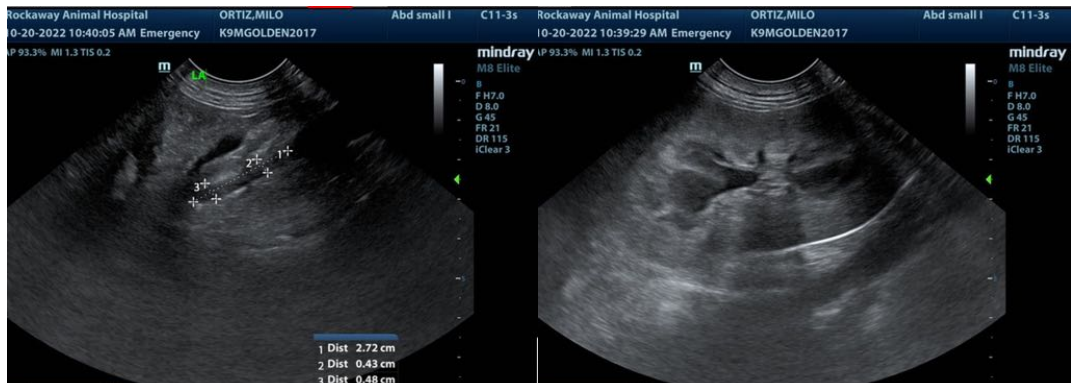
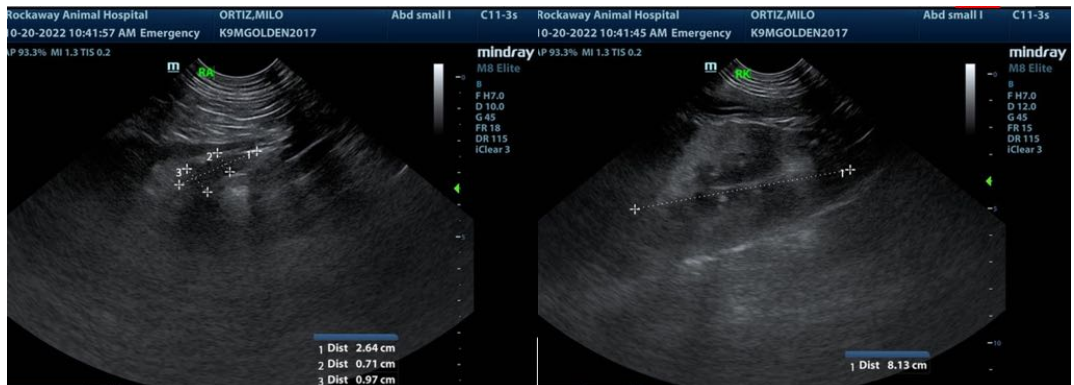
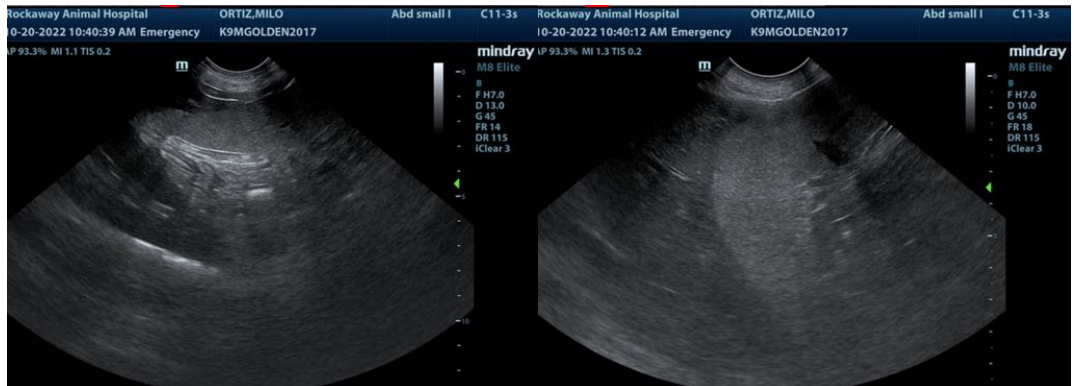
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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