



**PATIENT**

Luna Miller

**PRESENTING CLINICAL SIGNS**

History: vomiting anorexia hepatopathy

**SPECIES**

Canine

**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.

**BREED**

Chi Mix

**SEX**

Female

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 3.0 cm. The left kidney measured 3.0 cm.

**AGE**

3 Years

**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 right adrenal gland measured 1.11 cm x 0.35 cm at the caudal pole and 0.4 cm at the cranial pole. The left adrenal gland measured 1.18 cm x 0.33 cm at the caudal pole and 0.33 cm at the cranial pole.

**WEIGHT**

3.2 Pounds

**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.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenn

**Liver**

The **liver** was slightly subnormal in size yet no evidence of intrahepatic or extrahepatic shunting. The gallbladder and common bile duct were unremarkable.

**HOSPITAL NAME**

Rockaway AH

**Gastrointestinal**

The upper **gastrointestinal tract** in this patient revealed minor, edematous wall. There was no evidence of foreign bodies. Minor areas of fluctuant fluid accumulation were noted within the lumen with hyperperistalsis. This pattern continued to the ileocecal valve. The colon revealed a fluid filled lumen. This presentation is most consistent with gastrointestinal irritation/inflammation without obstruction.

**REFERRING VET**

Dr. Maniar

**INVOICE**

14331

**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.

**DATE**

3/15/22



**PATIENT**

**Free Abdomen**

Luna Miller

Minor reactive **mesentery** noted, associated with the intestinal tract.

**SPECIES**

**ULTRASONOGRAPHIC FINDINGS**

Canine

- Gastroenteritis

**BREED**

Supportive care for GI upset should prove effective. Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials.

Chi Mix

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

Female



**AGE**

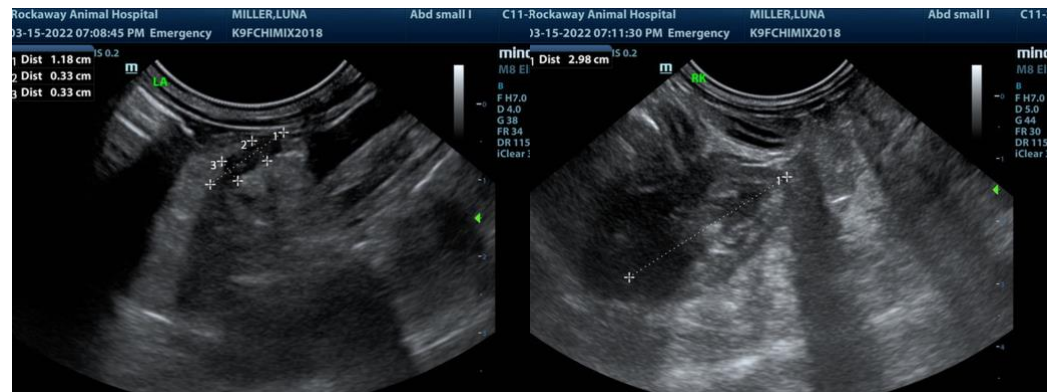
3 Years

**WEIGHT**

3.2 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

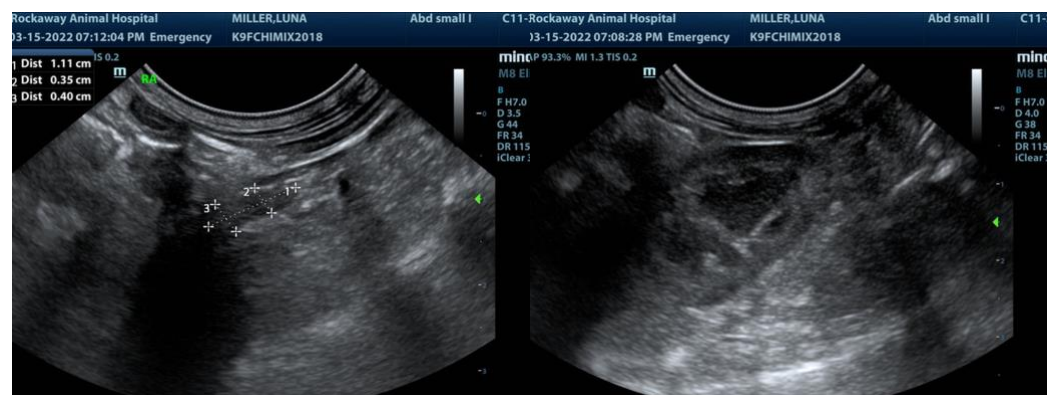


**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockway AH



**REFERRING VET**

Dr. Maniar

**INVOICE**

14331

**DATE**

3/15/22

The information and recommendations provided are based on the images presented by the



**PATIENT**

Luna Miller

**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.

**SPECIES**

Canine

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

info@SonoPath.com

**BREED**

Chi Mix

**SEX**

Female

**AGE**

3 Years

**WEIGHT**

3.2 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

Dr. Maniar

**INVOICE**

14331

**DATE**

3/15/22