



**PATIENT PRESENTING CLINICAL SIGNS**

Thor Coiro History: enteritis intermittent vomiting gastric distention

**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.

Pit Mix

**SEX**

Neutered male

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 6.2 cm. The left kidney measured 6.6 cm.

**AGE**

8 years

**Adrenal Glands**

**WEIGHT**

75 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 2.15 x 0.65 cm at the caudal pole and 0.58 cm at the cranial pole. The right adrenal gland measured 0.6 cm.

**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** revealed slightly increased portal markings with coarse architecture. The patient likely has a history of inflammatory hepatopathy. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal.

**INVOICE**

30996

**Gastrointestinal**

**DATE**

6/14/22

The stomach in this patient presented minor thickening primarily in the pyloric outflow. Wall thickness measured up to 1.2 cm. Regional inflammation was noted.



**PATIENT**

**Pancreas**

Thor Coiro

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**

Pit Mix

Mild gastritis pattern. Mild potential for emerging gastric neoplasia. This should be monitored carefully.

**SEX**

Neutered male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

A clinical trial of the following is recommended. Recheck sonogram is recommended in 7-10 days or earlier if clinical signs worsen. There is no evidence of a foreign body.

**Helicobacter/Gastritis protocol**

**AGE**

8 years

A clinical trial of **Zithromax (Dogs: 5-10 mg/kg p.o. q24h. May increase dosing interval to q48h after 3-5 days of treatment)**, **Metronidazole (10-20 mg/kg p.o. b.i.d.)**, **Sucralfate (0.5-2 g/dog PO)** and **Omeprazole (1 mg/kg p.o. s.i.d.)** over the next 3 weeks along with a **novel-protein or hydrolyzed diet** with slurry feeding b.i.d./t.i.d. over the next 2-4 days and then increase to canned diet bid. Dry food should be avoided over the next 4 weeks. A recheck sonogram to assess GI improvement or progression would be ideal in 4 weeks.

**WEIGHT**

75 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
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**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

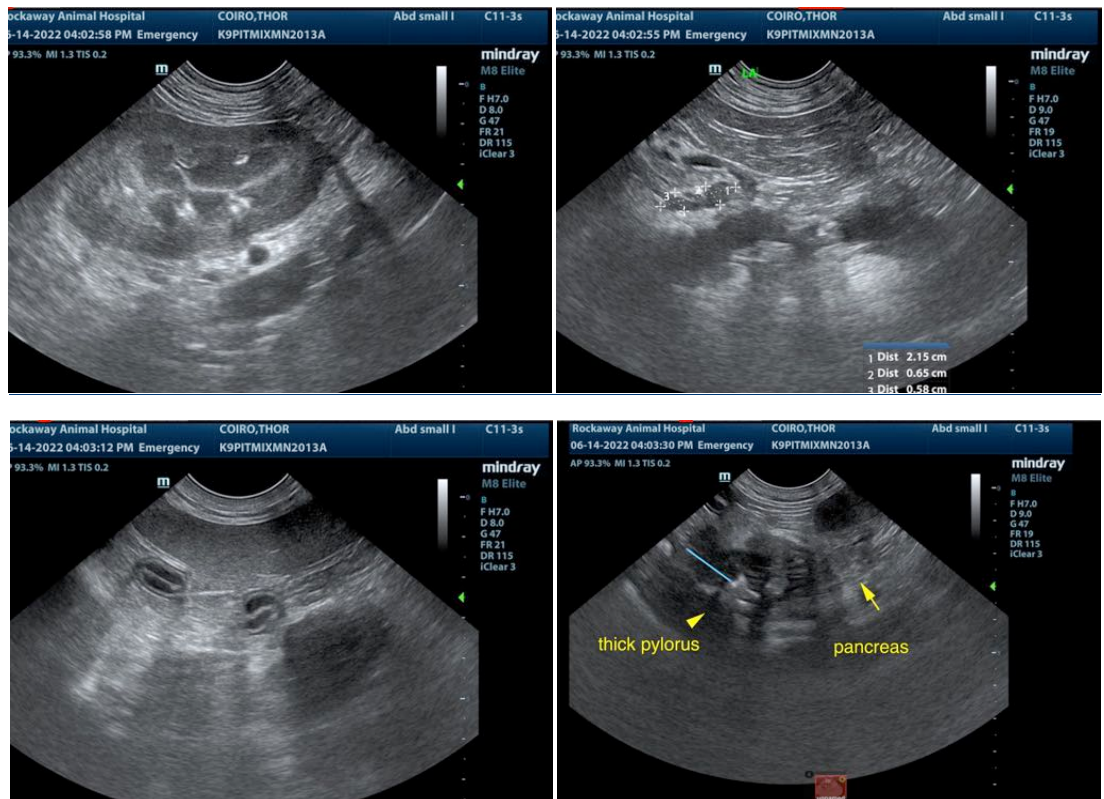
Dr. Maniar

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**PATIENT**

Thor Coiro

**SPECIES**

Canine

**BREED**

Pit Mix

**SEX**

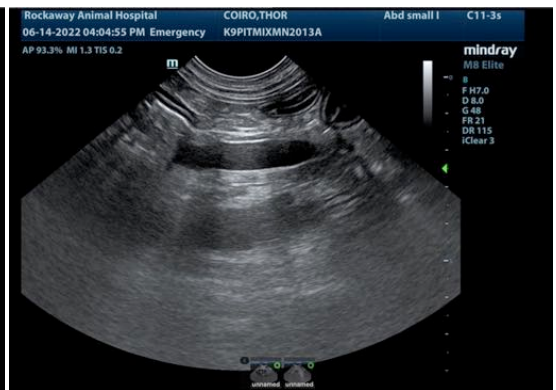
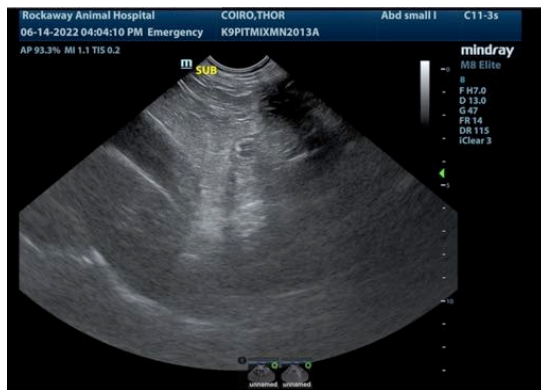
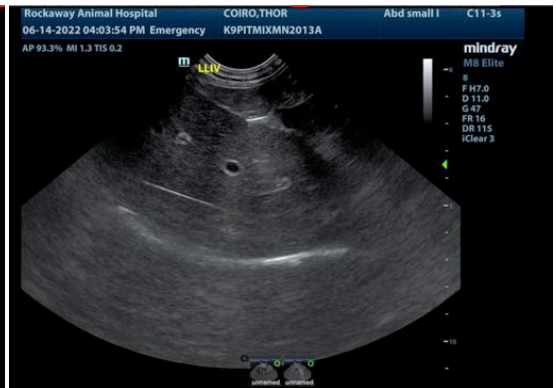
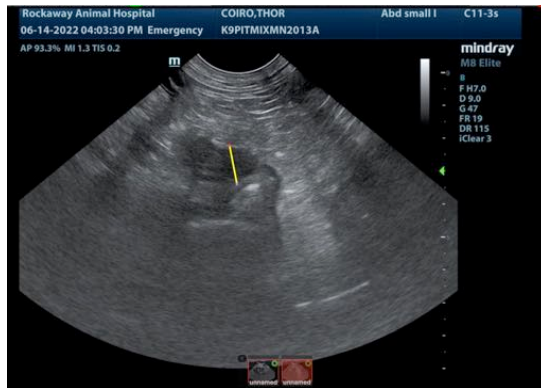
Neutered male

**AGE**

8 years

**WEIGHT**

75 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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