



**PATIENT**

Benji Santomassimo

**SPECIES**

Canine

**BREED**

Terrier Mix

**SEX**

Neutered Male

**AGE**

9 Years

**WEIGHT**

13 Years

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

Dr. Maniar

**INVOICE**

13587

**DATE**

1/24/22

**PRESENTING CLINICAL SIGNS**

History: vomiting red/orange bile suspect pre renal azotemia recent u/s shows pancreatitis and enlarged prostate

**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 **prostate** was slightly irregular and slightly enlarged, measuring 1.3 cm. This change is unlikely to be pathological.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.0 cm. The right kidney measured 3.2 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 1.42 cm x 0.54 cm at the caudal pole and 0.58 cm at the cranial 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 with uniform parenchyma. 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**



**PATIENT**

The right limb of the **pancreas** was slightly heterogeneous. Subxiphoid palpation is recommended to assess for pain or discomfort associated with the pancreas.

Benji Santomassimo

**ULTRASONOGRAPHIC FINDINGS**

**SPECIES**

- Minor Microhepatica
- Possible low-grade pancreatitis
- Slightly enlarged and irregular prostate, unlikely to be pathological
- Geriatric abdomen

Canine

**BREED**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Terrier Mix

Bile acid profile warranted.

**SEX**

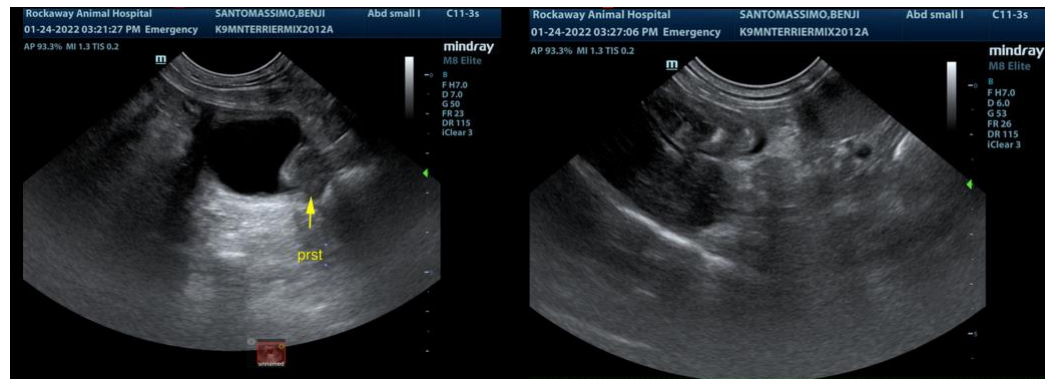
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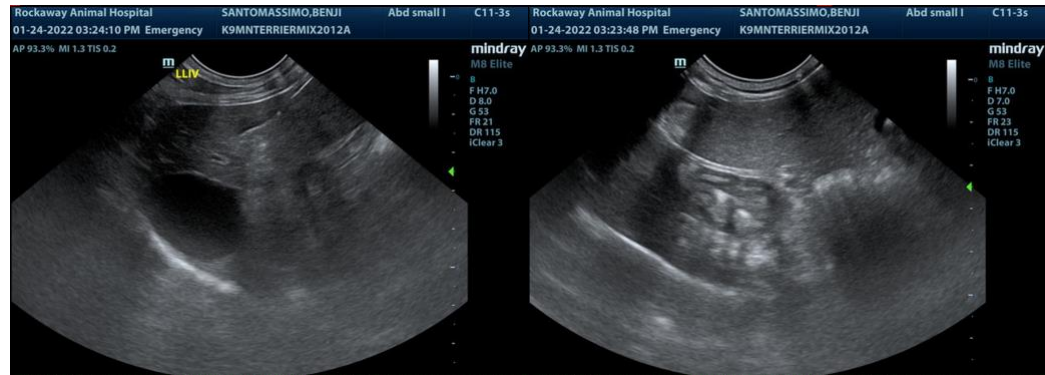
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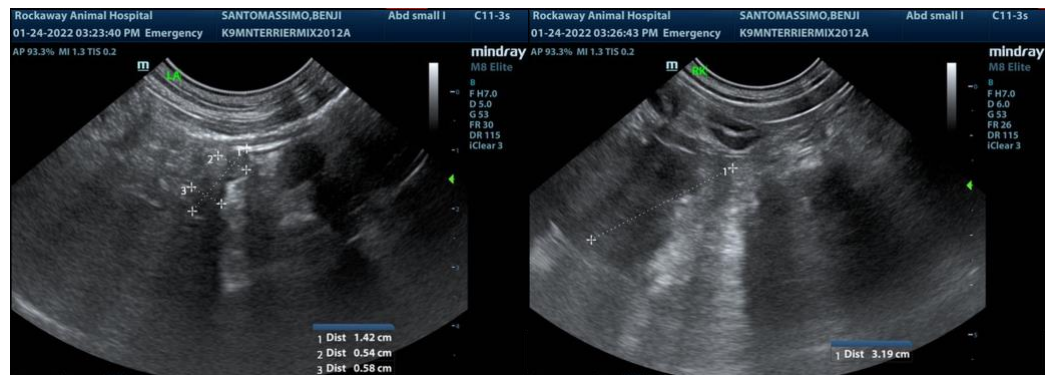


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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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