



**PATIENT**

Zoey Roman

**SPECIES**

Canine

**BREED**

Min Pin

**SEX**

Spayed Female

**AGE**

11 Years

**WEIGHT**

7.9 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

Dr. Maniar

**INVOICE**

13186

**DATE**

9/20/21

**PRESENTING CLINICAL SIGNS**

History: HGE blood clots in stool IVDD on NSAIDS

Abnormal PE/Chem/CBC/UA Results:

**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 **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some moderate 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. Slight mineralization noted. The right kidney measured 3.5 cm. The left kidney measured 3.61 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 1.39 cm x 0.57 cm at the caudal pole and 0.43 cm at the cranial pole. The right adrenal gland measured 1.45 cm x 0.65 cm at the caudal pole and 0.59 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** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

*Gastrointestinal*

The **stomach** revealed mixed hypoechoic mass (this may represent an organized blood clot) in the pyloric outflow, measuring 3.0 cm x 2.0 cm. Retention of ingesta was noted. The small Intestine and colon were unremarkable.

*Pancreas*



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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.

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Canine

**ULTRASONOGRAPHIC FINDINGS**

- 3.0 cm mass type structure in the stomach and retention of ingesta
- Age-related renal and hepatic changes

**BREED**

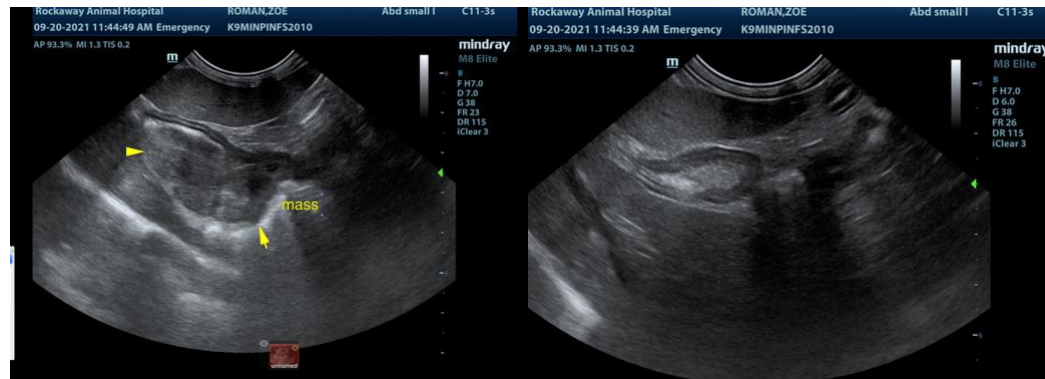
Min Pin

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

I recommend 24-hour NPO, GI protectants and reassessment of the pyloric outflow with power doppler assessment to assess for vascularity of the structure noted. Guarded prognosis dependent upon follow up.

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Spayed Female



**AGE**

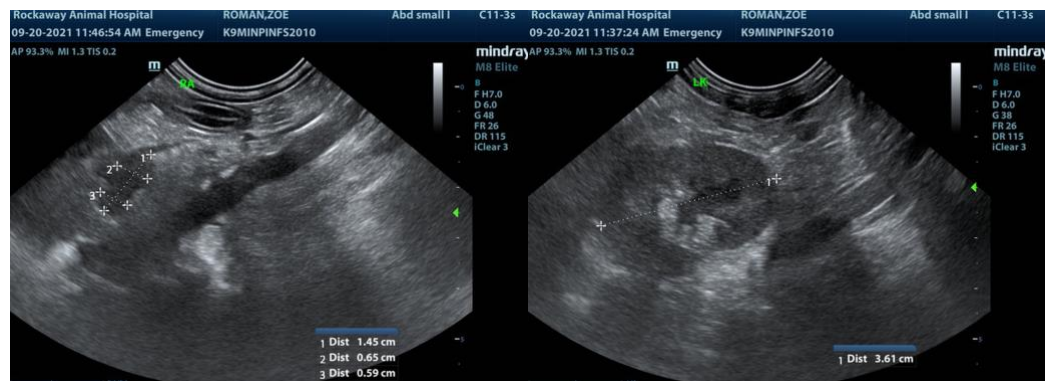
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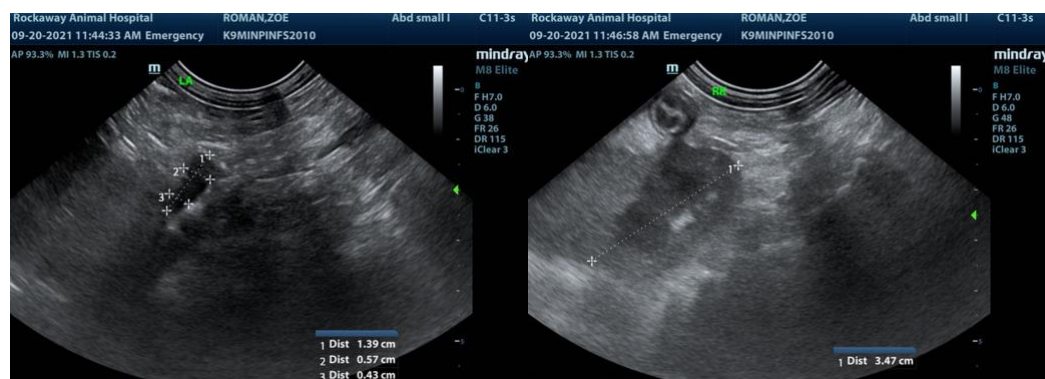


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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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11 Years

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

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