



**PATIENT**

Rexx Hurkett

**PRESENTING CLINICAL SIGNS**

Anorexia x 2 weeks Vomiting bile TX: Cerenia  
Abnormal PE/Chem/CBC/UA Results: ALB: 5.1 ALP: 368 Glu: 192 WBC: 24.2 NEU: 21.5 HGB: 19

**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**

Chihuahua

**SEX**

Neutered Male

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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 in both kidneys. The left kidney measured 3.94 cm. The right kidney measured 4.17 cm. Occasional cortical cysts noted in the kidneys, not pathological.

**AGE**

9 Years

**Adrenal Glands**

**WEIGHT**

22 Pounds

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 0.55 cm at the cranial pole and 0.59 cm at the caudal pole. The left adrenal gland measured 0.52 cm at the cranial pole and 0.66 cm at the caudal pole.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**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.

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**Liver**

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The **gallbladder** was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele, yet sludge appears to be mildly excessive. No adjunctive inflammation was noted.

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**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed a linear foreign body with accordion pleating in the jejunum followed by empty small intestine. The gastric wall was mildly thickened at 0.93 cm. Gastric stasis was present with anechoic fluid. The linear foreign body appeared to be anchored in the pylorus and continuing into the small intestine to the jejunum.

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**Pancreas**

The **pancreas** was mildly heterogeneous at the right base.



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Rexx Hurkett

**ULTRASONOGRAPHIC FINDINGS**

- Linear foreign body – consistent with fishing line or similar.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Recommend exploratory surgery in this patient given the accordion pleating and gastric stasis/obstructive pattern.

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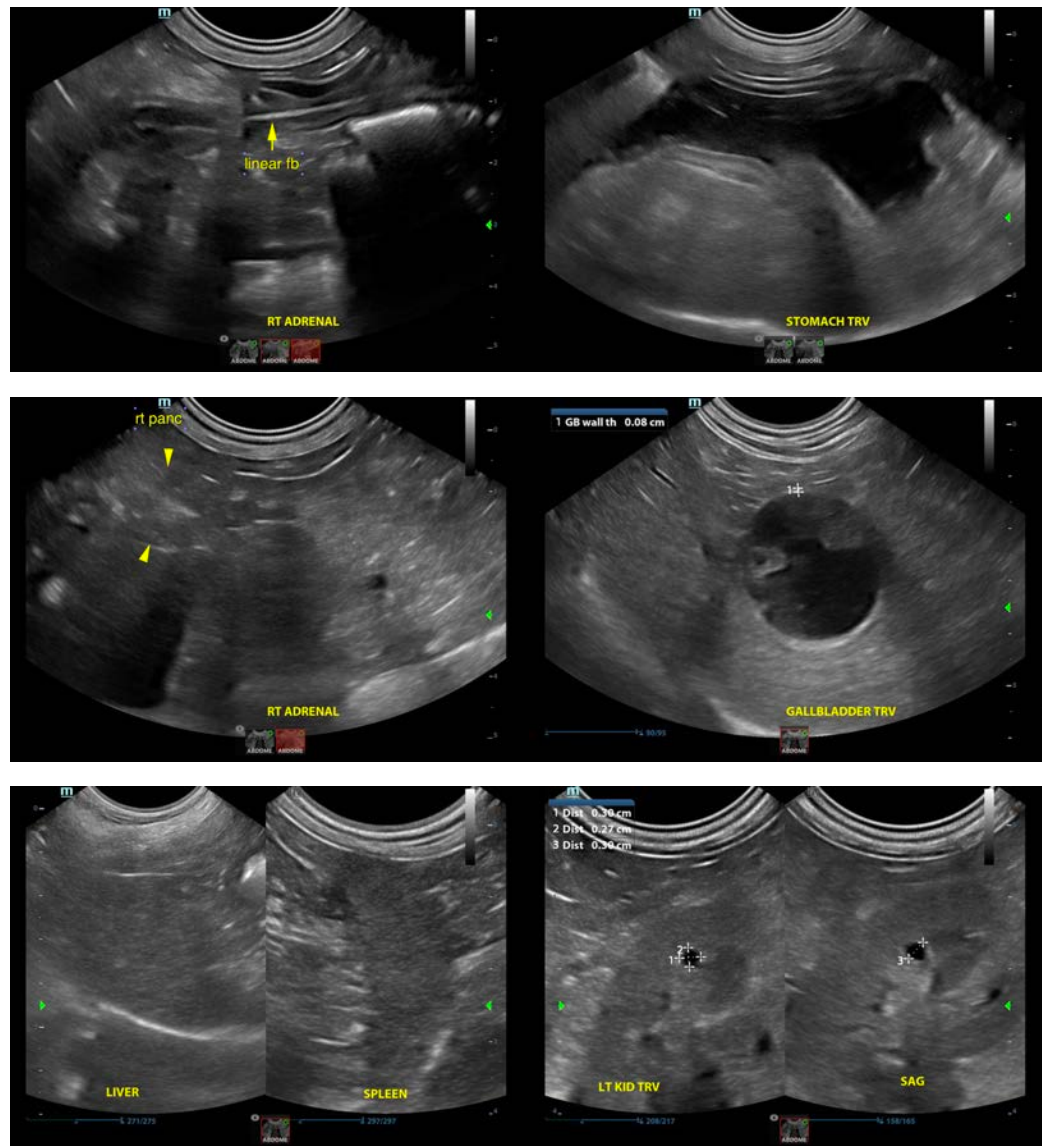
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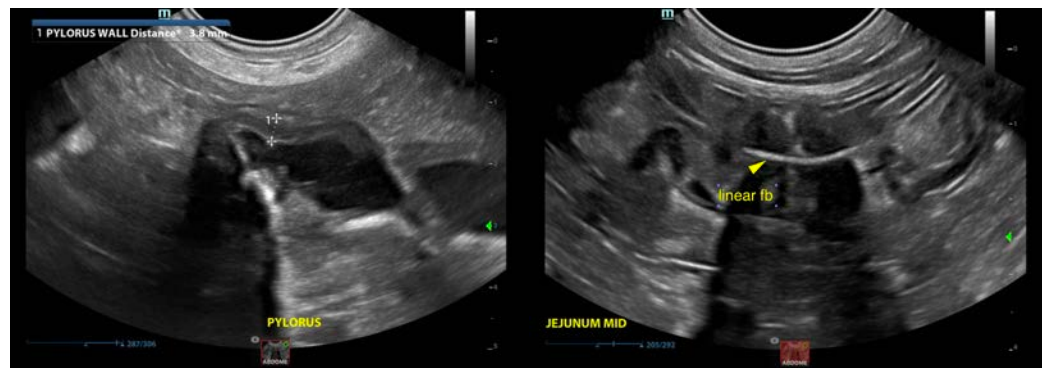
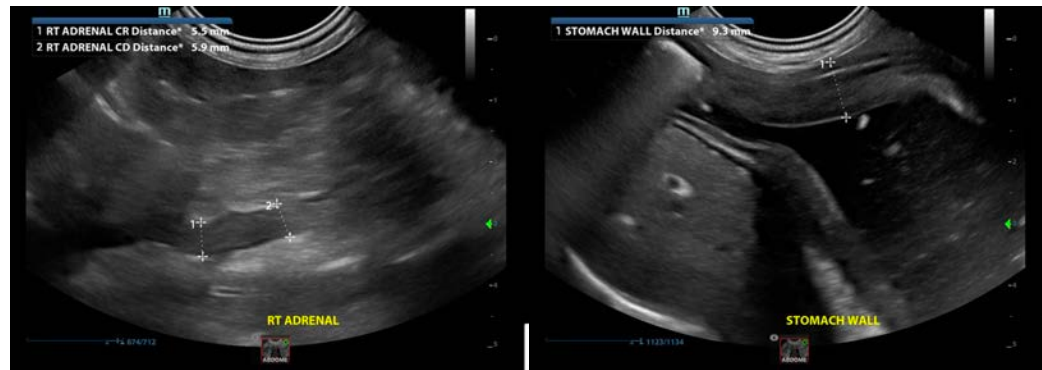
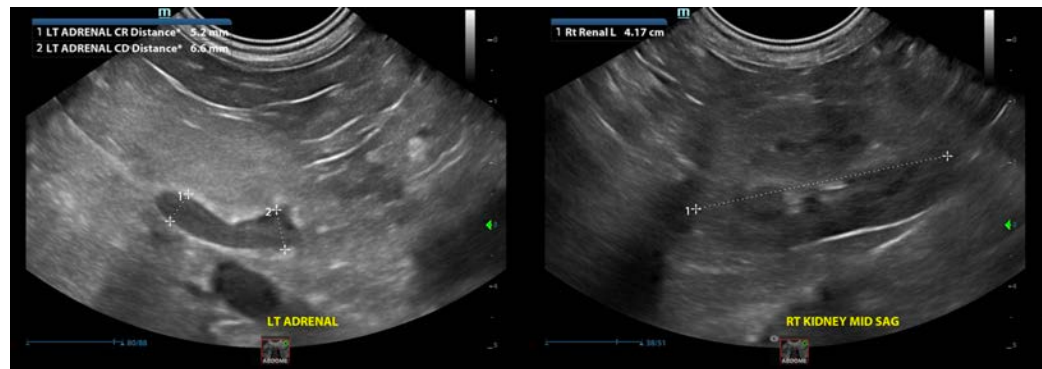
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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**  
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