



**PATIENT**

Willow Hartman

**PRESENTING CLINICAL SIGNS**

Chronic unresponsive diarrhea. Last ate kibble this am at 6. No vomiting  
Abnormal PE/Chem/CBC/UA Results: Pending

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Lab

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.

**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 left kidney measured 6.52 cm. The right kidney measured 6.38 cm.

**AGE**

6 Months

**Adrenal Glands**

**WEIGHT**

40 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 left adrenal gland measured 2.91 cm x 0.39 cm at the caudal pole.

**Spleen**

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

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.

**IMAGING PERFORMED BY**

Dr. Rodriguez

**Liver**

**HOSPITAL NAME**

Foxfield Vet Services

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 presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**REFERRING VET**

Dr. Rodriguez

**Gastrointestinal**

**INVOICE**

33521

The **stomach** presented shadowing material measuring approximately 2.0 cm in the pylorus, may represent medications. A minor amount of chyme was noted behind the pyloric structure. Minor variable gastric hypertrophy noted. In addition to the 2.0 cm structure, some soft material and chyme noted. Transit of chyme into the small intestine appeared to be occurring. Soft stool noted in the colon.

**Pancreas**

**DATE**

12/17/21

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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**ULTRASONOGRAPHIC FINDINGS**

- 2.0 cm gastric structure with minor chyme retention, transit of chyme appeared to be normal otherwise.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Occult parasitism, dietary intolerance, occult Addison's all possible. No evidence of surgical disease, as the structure in the pylorus is non-obstructive and may represent oral medications. Hydrolyzed diet may be in this patient's best interest as well as anti-parasitic protocol.

**BREED**

Lab

**SEX**

Female

**AGE**

6 Months

**WEIGHT**

40 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Rodriguez

**HOSPITAL NAME**

Foxfield Vet Services

**REFERRING VET**

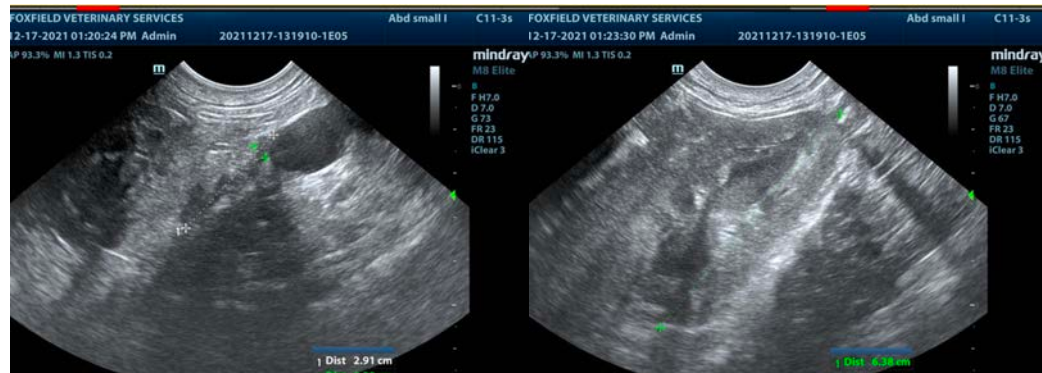
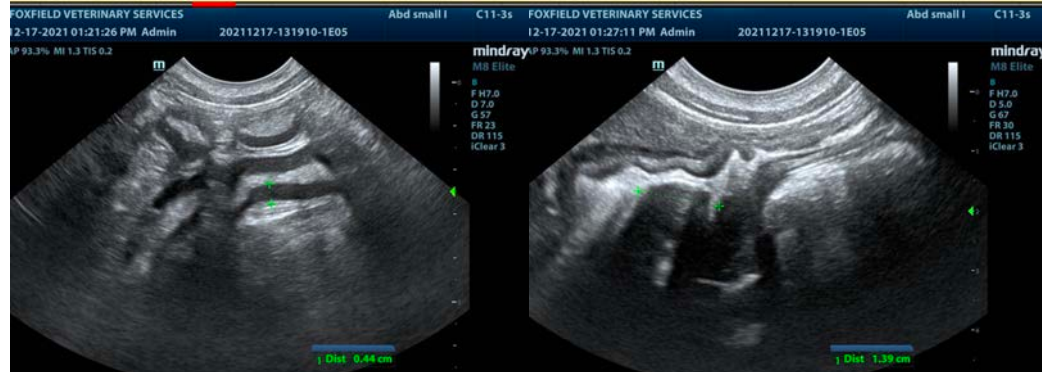
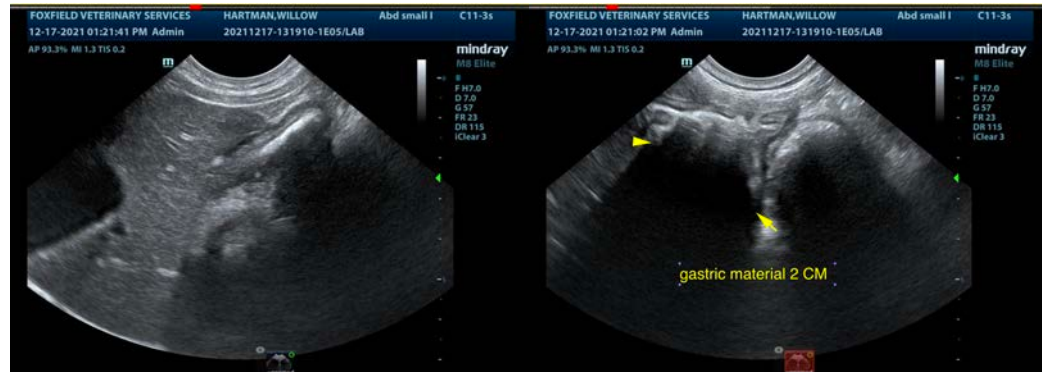
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**SPECIES**

Canine

**BREED**

Lab



**SEX**

Female

**AGE**

6 Months

**WEIGHT**

40 Pounds

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](mailto:info@SonoPath.com)

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