



PATIENT

Mia Hayward

PRESENTING CLINICAL SIGNS

Got into the trash this am and has been vomiting since noon. Also drank some contaminated water Friday

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Mixed

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

Spayed 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 5.5 cm. the right kidney measured 6.37 cm.

AGE

5 Months

Adrenal Glands

WEIGHT

29 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 2.0 cm x 0.46 cm. The right adrenal gland measured 1.97 cm x 0.45 cm.

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

36511

Hyperperistalsis noted in the **gastrointestinal tract** with transit of chyme. Minor amount of anechoic fluid noted in the stomach with edematous wall. Some soft chyme was noted in the small intestine followed by empty small intestine. This is considered a partial obstructive pattern. However, no overt foreign matter noted. Regional intestinal dysfunction suspected. Only minor dilation of the intestine noted in the regions that are chyme filled. The colon revealed soft stool accumulation.

Pancreas

DATE

3/28/22

Minor heterogeneous **pancreatic** changes noted. Low-grade pancreatitis suspected.



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ULTRASONOGRAPHIC FINDINGS

- Possible partial obstruction in the small intestine

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Medical management warranted with IV fluid support, broad-spectrum antiparasitic protocol, and recheck sonogram in 24 hours if the patient is not responding to therapy.

BREED

Mixed

SEX

Spayed Female

AGE

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WEIGHT

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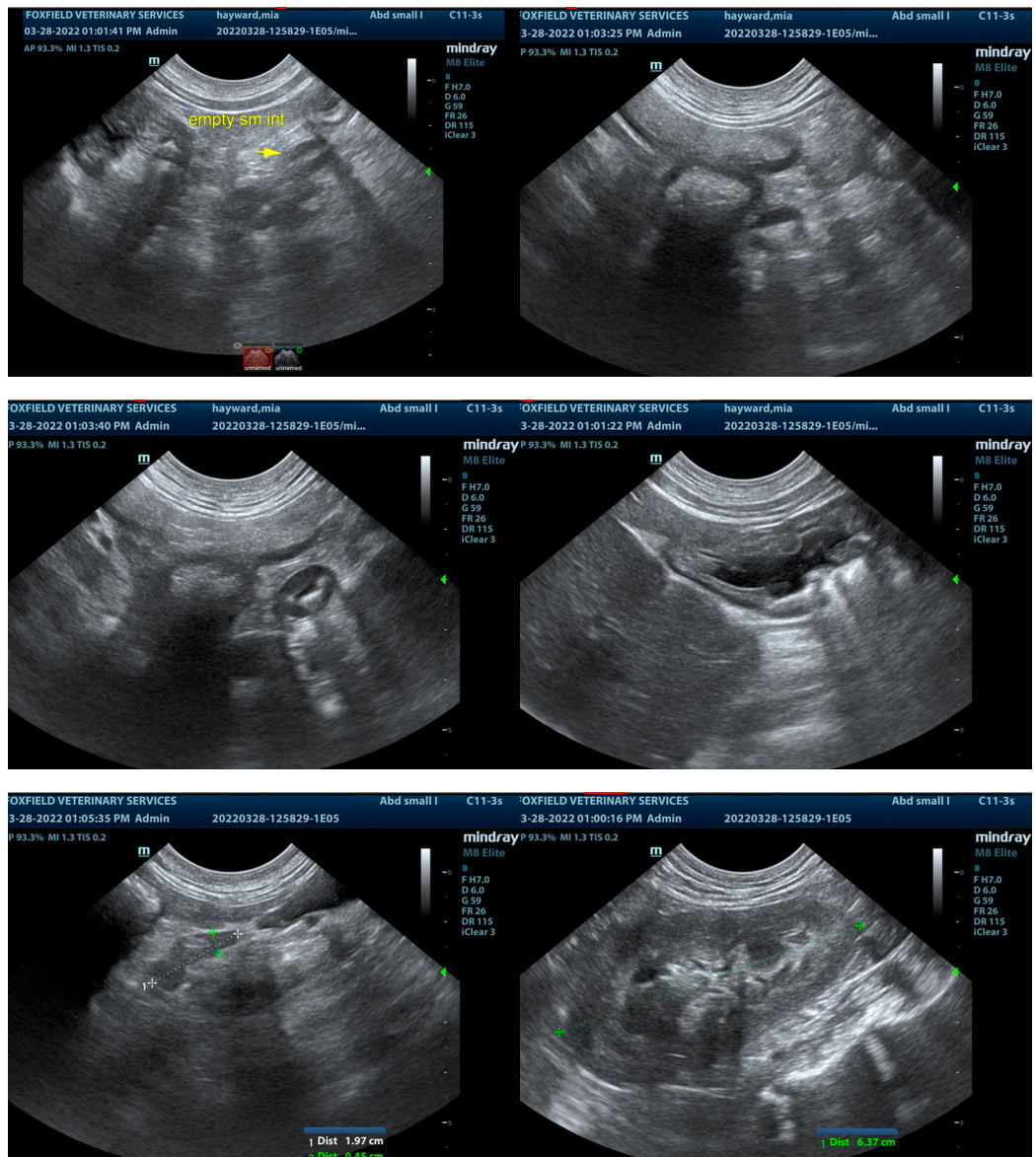
Dr. Rodriguez

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36511

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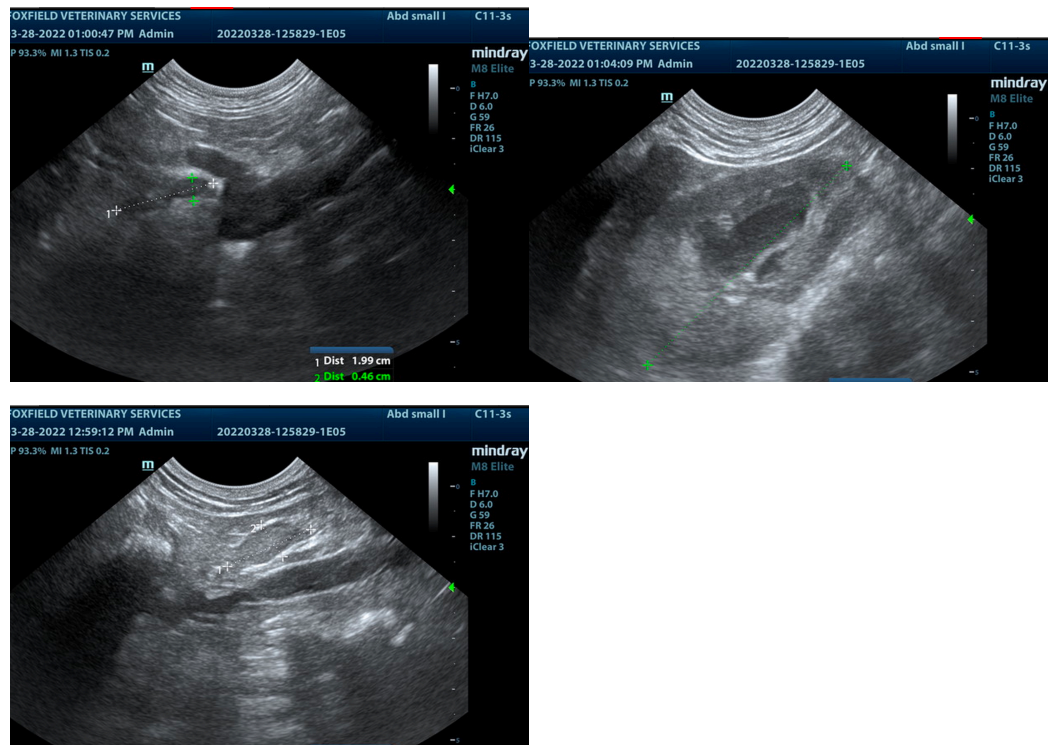
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DATE

3/28/22



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

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