



PATIENT

Ryder Zapata

SPECIES

Canine

BREED

Shih Tzu

SEX

Male

AGE

3 Years

WEIGHT

13 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Ray Caughman

HOSPITAL NAME

Dogwood AH

REFERRING VET

Ray Caughman

INVOICE

14132

DATE

11/1/21

PRESENTING CLINICAL SIGNS

History: 48-hour duration of vomiting and diarrhea. The last 12 hours the diarrhea turned bloody.

Abnormal PE/Chem/CBC/UA Results: Patient is depressed and painful in cranial abdomen . Especially in the area of the Right kidney, pancreas, and stomach. Hct 63, Chloride low.

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. Iliac trifurcation was unremarkable.

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 kidneys measured 3.5 cm each.

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 0.3 cm. The right adrenal gland measured 0.4 cm.

Spleen

The **spleen** was mildly enlarged, measuring 1.0 cm.

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 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.

Gastrointestinal

The **stomach** was fluid filled with mildly edematous wall with no loss of detail noted. No evidence of foreign bodies. The colon was empty yet mildly thickened without loss of mural detail.

Pancreas

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.

ULTRASONOGRAPHIC FINDINGS



PATIENT

Ryder Zapata

- Gastroenteritis/colitis pattern
- Spleen, mildly enlarged

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

No evidence of foreign body. Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials. Pancreatitis may be present yet is not overtly evident sonographically. Structurally the kidneys look normal, however, a urinalysis is warranted to assess for any inflammatory sediment given the pain noted in the area of the right kidney.

BREED

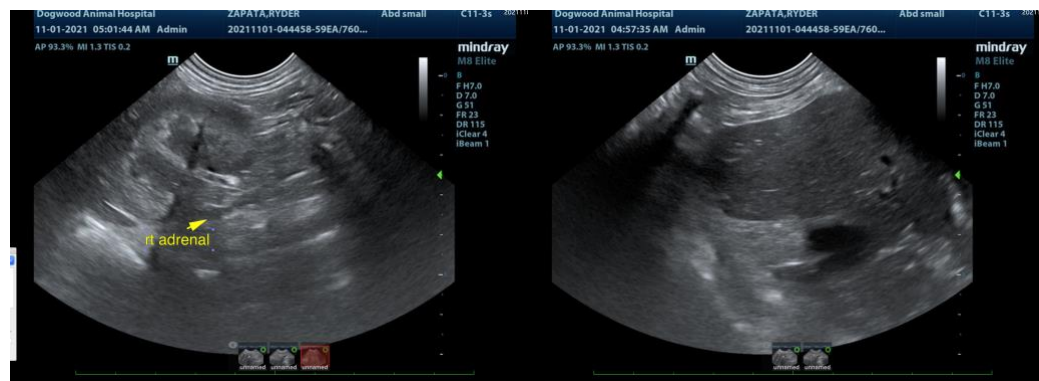
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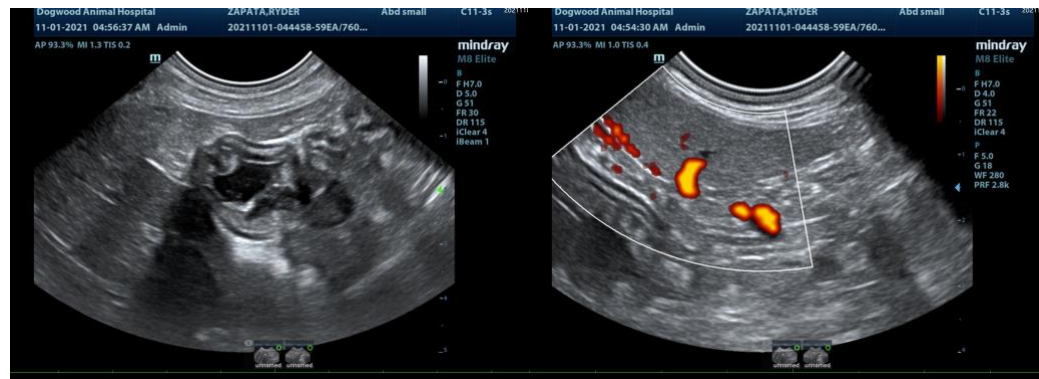


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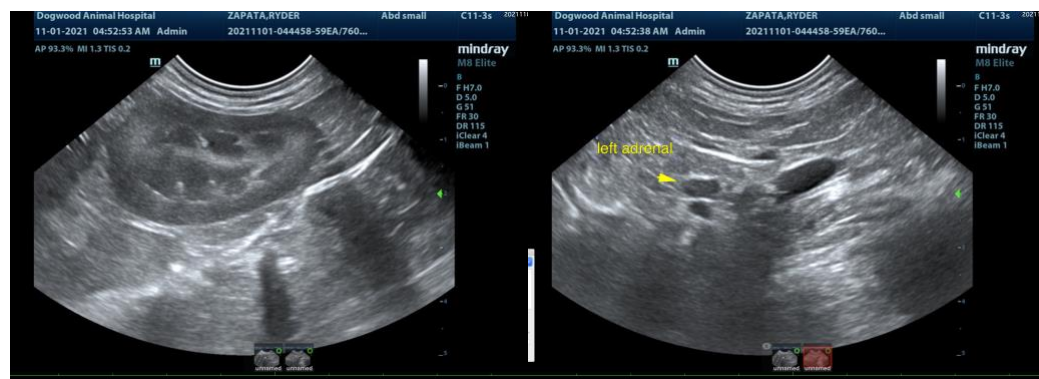


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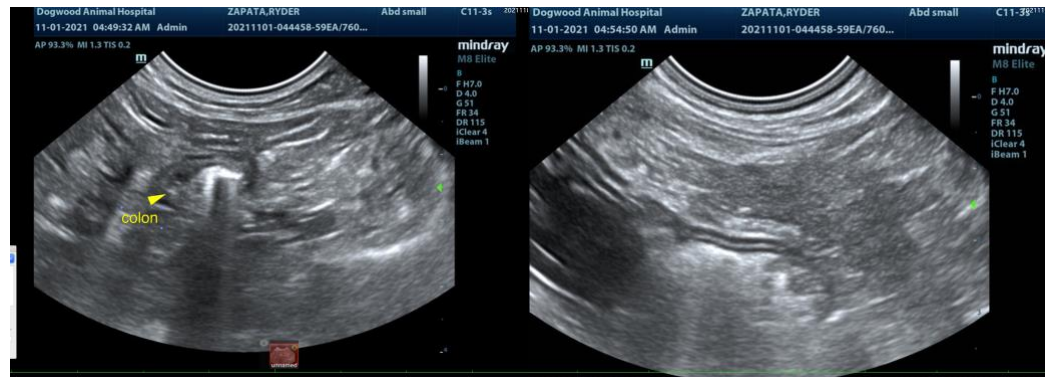
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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