



PATIENT

Russell Houston

SPECIES

Canine

BREED

Pit Bull

SEX

Neutered male

AGE

2 years

WEIGHT

56 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Waffle

HOSPITAL NAME

Torch Lake VC

REFERRING VET

Dr. Waffle

INVOICE

96670

DATE

3/8/22

PRESENTING CLINICAL SIGNS

History: Hx of chronic diarrhea (hematochezia) of several months duration. Had been improving since last ultrasound. Has been on Clopidogrel, Sucralfate, metronidazole, iron supplementation for suspected iron deficient anemia. Previously non regenerative microcytic, hypochromic anemia. He also had a history of thrombus in aorta at level of renal artery.

Abnormal PE/Chem/CBC/UA Results: Pale MM. Lethargy. Anorexia. CBC - PCV decreased from previous 22 % to 14%. Now microcytic, hypochromic regenerative anemia with reticulocytes at 8%. Neutrophils at 0.31; Bands suspected; Lymphocytes - 0.49; Mono - 0.2; Eos = 0.03. Platelets - 133

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 was noted. Ureteral papillae were normal.

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 right kidney measured 9.85 cm. The left kidney measured 8.22 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** was volume contracted in this patient.

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 over distended with chyme. Chyme was noted in the upper small intestine. There was no overt obstruction noted; however, delayed outflow is present. Gastric contour should be evaluated radiographically.



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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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Free Abdomen

The visible aorta did not reveal any thrombosis at this time.

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ULTRASONOGRAPHIC FINDINGS

Gastric over distension, consistent with bloating, possible GDV.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Radiographic evaluation is recommended. There is no evidence of hemorrhage. Given the patient's history bone marrow aspirate is warranted before blood transfusion.

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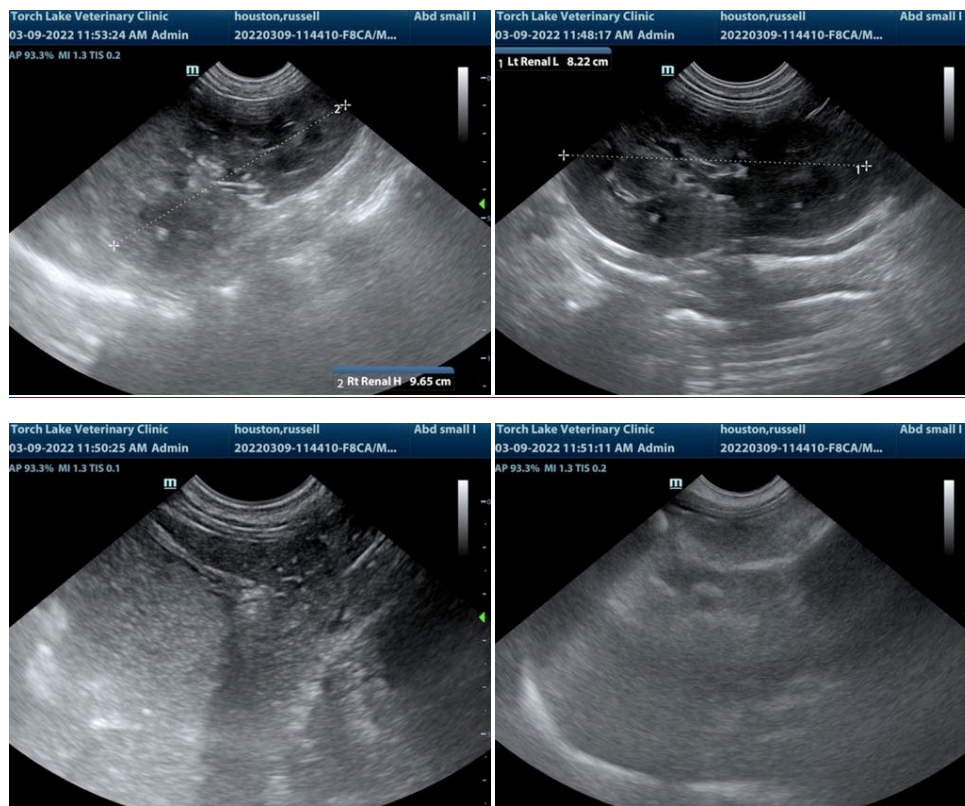
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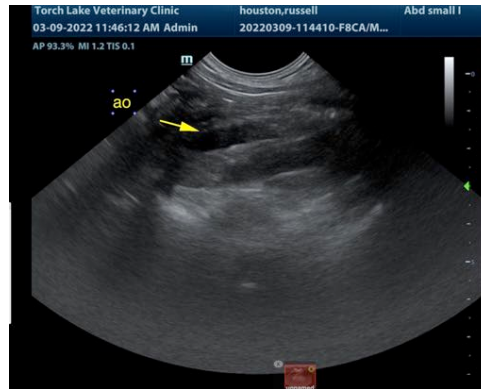
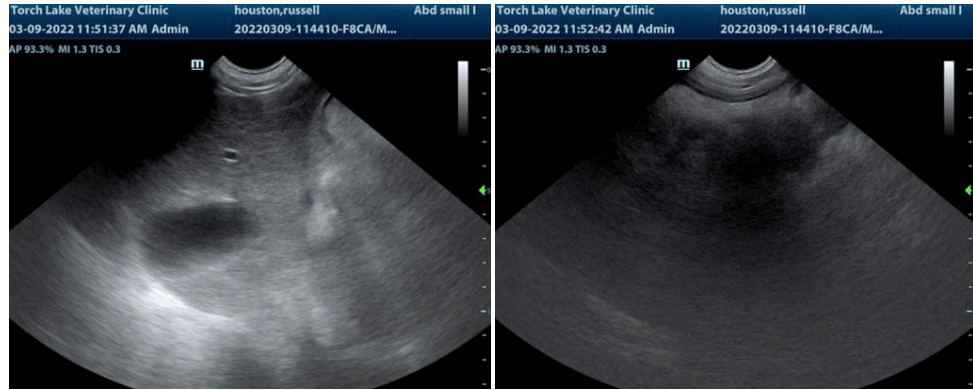
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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