

**DATE PRESENTING CLINICAL SIGNS**

3/24/22 Six week history of sporadic appetite, sporadic vomiting ~1-2x/week, sporadic diarrhea, increased lethargy and not acting himself.

PATIENT

Marty Vaughan

Current Medications: 2/24/22- Cerenia injection and Entyce x 5 days. 2/25/22- Metronidazole 250mg BID x 5 days and Proviabile per label. 3/1/22 Metronidazole 250mg BID x 5 days. 3/4/22 Emergency clinic- Metronidazole, Proviabile, Entyce, Panacur.

SPECIES

Canine

Lab Results: 2/23/22 <T. Protein 5.1, Fecal- neg OPG. 3/2/22 Emergency clinic- repeat BW all normal including Cortisol 7.6. Treated with IVF and meds for Gastroenteritis.

Radiographs: 2/23/22 & 2/24/22- no obvious FBs or signs of obstruction, rest WNLs.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

BREED

Labradoodle

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**SEX**

Neutered Male

Urinary System

The urinary bladder is moderately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

AGE

1/5/20

Prostate (neutered) is normal in size, echotexture and echogenicity for a neutered male.

WEIGHT

44 Pounds

The right kidney is normal in size (4.4 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

INTERPRETED BYBeth Johnson, DVM
DACVIM

The left kidney is normal in size (4.83 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

IMAGING PERFORMED BY

Rachel Brilhart RDMS

Adrenal Glands

The right adrenal gland is normal in size (1.69 cm long x 0.63 cm at the cranial pole and 0.59 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

HOSPITAL NAME

Alexander AH

The left adrenal gland is normal in size (2.29 cm long x 0.51 cm at the cranial pole and 0.54 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

REFERRING VET

Dr. Alexander

Spleen

The spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

INVOICE

36453

Liver

The liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

The gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

Gastrointestinal

The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is mildly distended with echogenic non-shadowing luminal contents and gas consistent with normal ingesta. There is no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

The visible small intestines are normal in wall thickness and layering (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.

The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

Pancreas

The pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

Free Abdomen

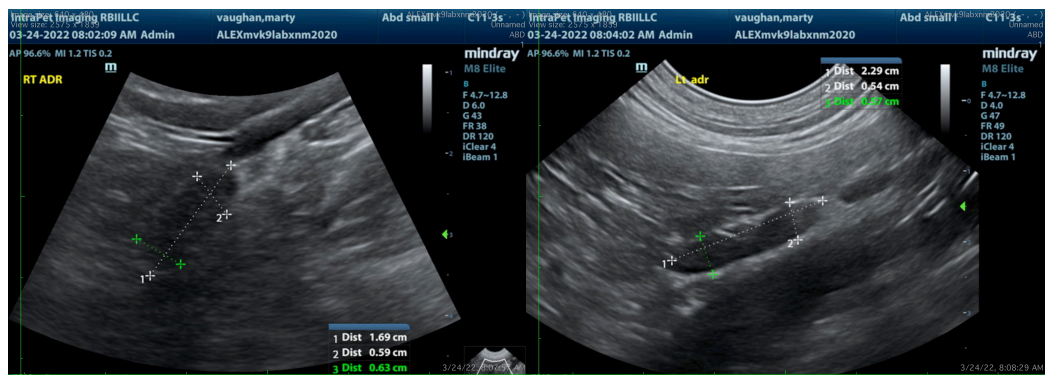
There is no evidence of peritoneal effusion. There is no apparent lymphadenopathy.

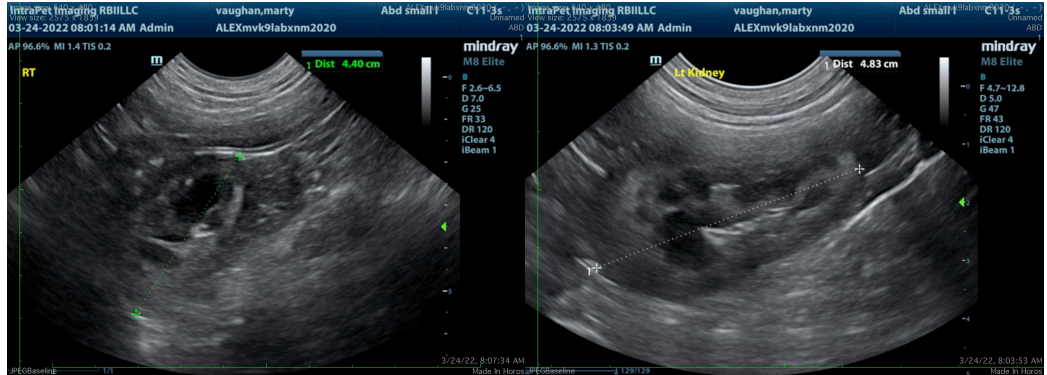
ULTRASONOGRAPHIC FINDINGS

- Unremarkable abdomen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommendations include a gastrointestinal malabsorption panel including TLI, PLI, folate and cobalamin to Texas A&M GI laboratory, as some gastrointestinal and/or pancreatic disease can result in an unremarkable abdomen. A canine enteropathogen PCR panel is also recommended to Texas A&M GI laboratory, given this patient's young age. In the meantime, diet transition could be considered on a trial and error basis, beginning with a novel or hydrolyzed protein diet and/or considering a bland, easy to digest diet followed by a low-fat diet if the previous diets are not successful.





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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