



PATIENT

Buddy Sundra

SPECIES

Canine

BREED

Labrador Retriever
Mix

SEX

Neutered Male

AGE

10 years

WEIGHT

57.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Potomac Mobile
Veterinary
Ultrasound

HOSPITAL NAME

Banfield Sterling
Cascades

REFERRING VET

Dr. Jarrett

INVOICE

13175

DATE

9/20/21

PRESENTING CLINICAL SIGNS

History: For the past 10 days has had vomiting and diarrhea. The diarrhea has started to get better, but the vomiting is not. Has been getting SQ fluids, Cerenia, famotidine for the past 24 hours, Still vomiting and nauseaus. Sedated with torb for the exam.

Abnormal PE/Chem/CBC/UA Results: CBC- HCT 62%, HGB 20.6, RBC 8.9 Chem- CI 105, CHol 108. cPL positive.

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. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. The prostate was normal, measuring 1.5 cm.

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 6.41 cm. The left kidney measured 6.45 cm.

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 right adrenal gland measured 2.1 cm x 0.69 cm at the caudal pole and 0.57 cm at the cranial pole. The left adrenal gland measured 1.87 cm x 0.49 cm at the caudal pole and 0.45 cm at the cranial pole.

Spleen

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.

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

Some minor shadowing material was noted in the **stomach**, measuring up to 1.4 cm. The shadowing material in the stomach appears to be within the pyloric outflow is likely causing some level of obstruction or delayed outflow. Some mild mucosal remodeling was noted in the pyloric outflow. The material would be consistent with bones or wood chips or similar material. Some stasis was also



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present. A large amount of gas accumulation was noted in the stomach. Minor upper duodenal thickening also present. No loss of detail.

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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Labrador Retriever
Mix

ULTRASONOGRAPHIC FINDINGS

- Gastritis/duodenitis pattern with small shadowing material

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Endoscopy is likely the best interest of this patient. The delayed outflow is likely playing a role. Depending on the nature of this material, examination of pyloric radiographs recommended to assess for radiodense material such as bones or similar. Otherwise, exploratory gastrotomy warranted for evacuation of the material as well as more importantly obtain gastric and upper duodenal biopsies.

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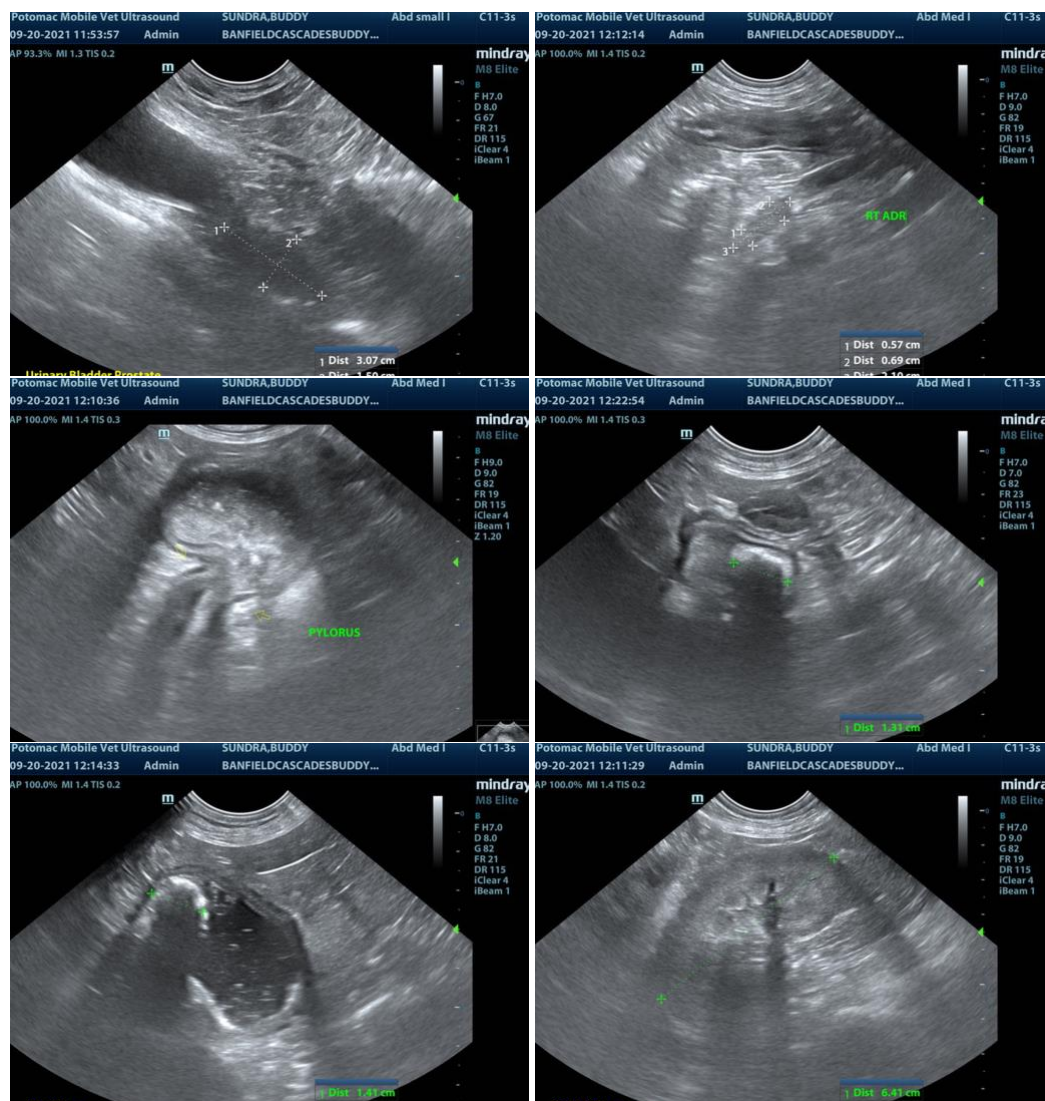
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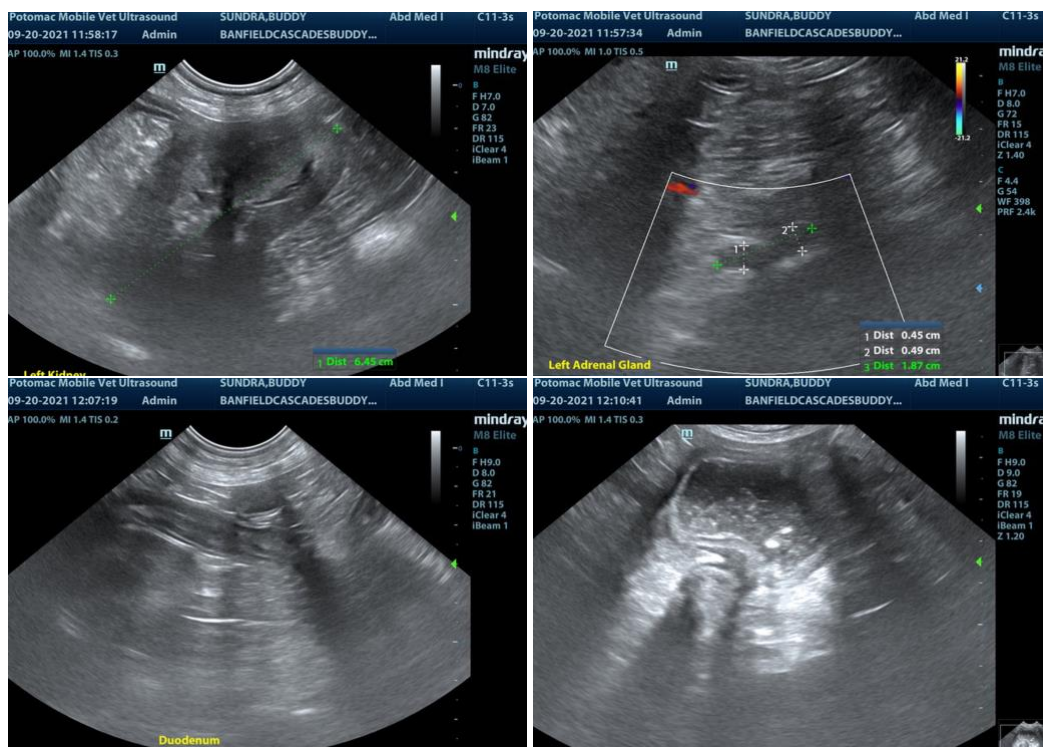
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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