



PATIENT

Rue Beshears

SPECIES

Canine

BREED

Bull Mastiff

SEX

Intact Female

AGE

12 Months

WEIGHT

100 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Carolina Veterinary
Mobile

HOSPITAL NAME

AMC of the High
Country

REFERRING VET

Dr. Sparks

INVOICE

23380

DATE

7/15/23

PRESENTING CLINICAL SIGNS

History: P presented on 7/14 fo inappetence of several days. P vomited a few times and pieces of a toy were present. P ate a some kibble this morning. Ultrasound done in afternoon. P sedated with ZenAlpha and butorphanol

Abnormal PE/Chem/CBC/UA Results: No bloodwork

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 3.0 cm beyond the cystourethral junction.

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 7.73 cm. The right kidney measured 8.06 cm.

Adrenal Glands

Both **adrenal glands** were subnormal in size and flattened. The left adrenal gland measured 1.46 cm x 0.35 cm at the caudal pole and 0.37 cm at the cranial pole. The right adrenal gland measured 2.01 cm x 0.32 cm at the caudal pole and 0.34 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

The **stomach** was filled with progressively shadowing material/ingesta. Some transit of chyme into the small intestine was occurring. No overt obstructive pattern was noted. The colon was unremarkable.

Pancreas



PATIENT

Rue Beshears

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Retention of ingesta or possible soft foreign matter in the stomach
- Flattened adrenal glands

BREED

Bull Mastiff

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No overt obstructive pattern, as transit of chyme was noted in the small intestine. I recommend screening for Addisons with baseline cortisol or ACTH stimulation in this patient. 24hr NPO and recheck sonogram would be ideal, however, given the patient history of eating, delayed outflow is likely the issue. Strong concern for Addisons in this patient. Full CBC/chemistry pane and UA are warranted. No other evidence of visceral disease.

AGE

12 Months

WEIGHT

100 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Carolina Veterinary
Mobile

HOSPITAL NAME

AMC of the High
Country

REFERRING VET

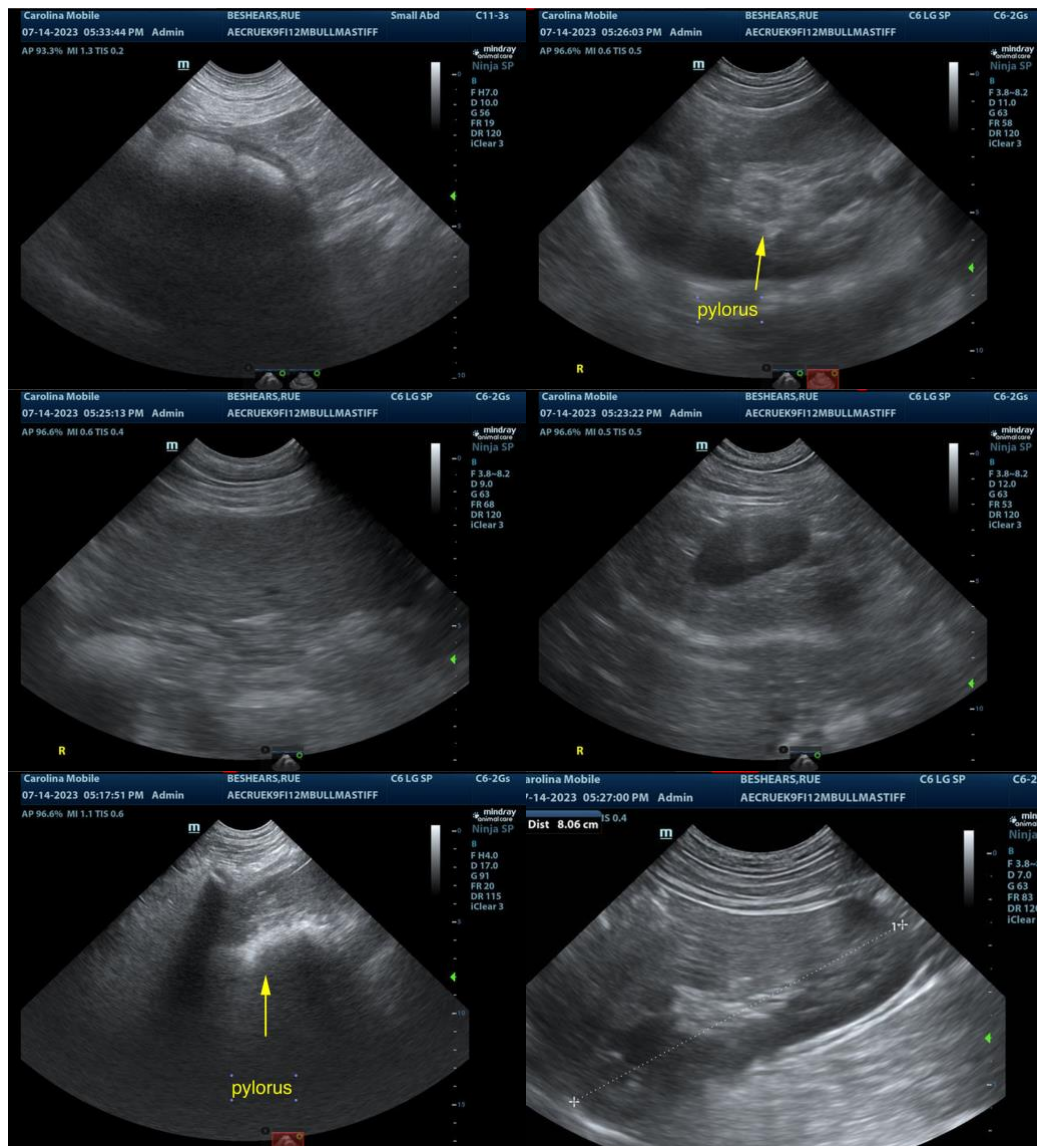
Dr. Sparks

INVOICE

23380

DATE

7/15/23





PATIENT

Rue Beshears

SPECIES

Canine

BREED

Bull Mastiff

SEX

Intact Female

AGE

12 Months

WEIGHT

100 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Carolina Veterinary
Mobile

HOSPITAL NAME

AMC of the High
Country

REFERRING VET

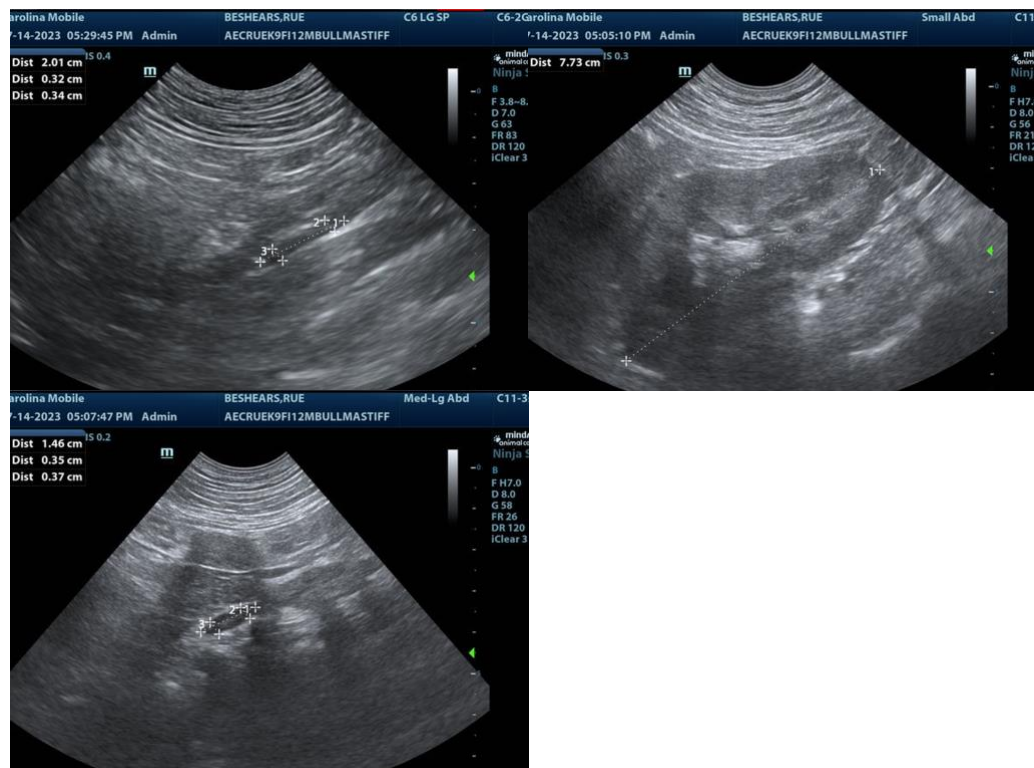
Dr. Sparks

INVOICE

23380

DATE

7/15/23



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
info@SonoPath.com