



PATIENT

Remi Campbell

SPECIES

Canine

BREED

Lab Retriever

SEX

Spayed Female

AGE

9 Years 5 Months

WEIGHT

64.7 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Sarah Green

HOSPITAL NAME

Healing Spirit

REFERRING VET

Dr. Sarah Green

INVOICE

45508

DATE

2/26/23

PRESENTING CLINICAL SIGNS

Presented on emergency due to anorexia, vomiting and diarrhea 2 days duration, trembling noticed today.

Abnormal PE/Chem/CBC/UA Results: P.E. tachycardia, gastric distention, abdomen slightly tense on palpation, CBC, chemistry, T4: hemoconcentration, hyponatremia, cPL WNL

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 **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 6.5 cm. The right kidney measured 7.1 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

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

Examination of the **gastrointestinal tract** revealed an unremarkable stomach and small intestine regarding structure. The upper gastrointestinal tract was empty with a large amount of gas noted. There was no evidence of obstructive pattern. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with response to irritation. Fluid filled colon noted from the ileocecal junction to the deep descending colon.



PATIENT

Remi Campbell

SPECIES

Canine

BREED

Lab Retriever

SEX

Spayed Female

AGE

9 Years 5 Months

WEIGHT

64.7 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Sarah Green

HOSPITAL NAME

Healing Spirit

REFERRING VET

Dr. Sarah Green

INVOICE

45508

DATE

2/26/23

Pancreas

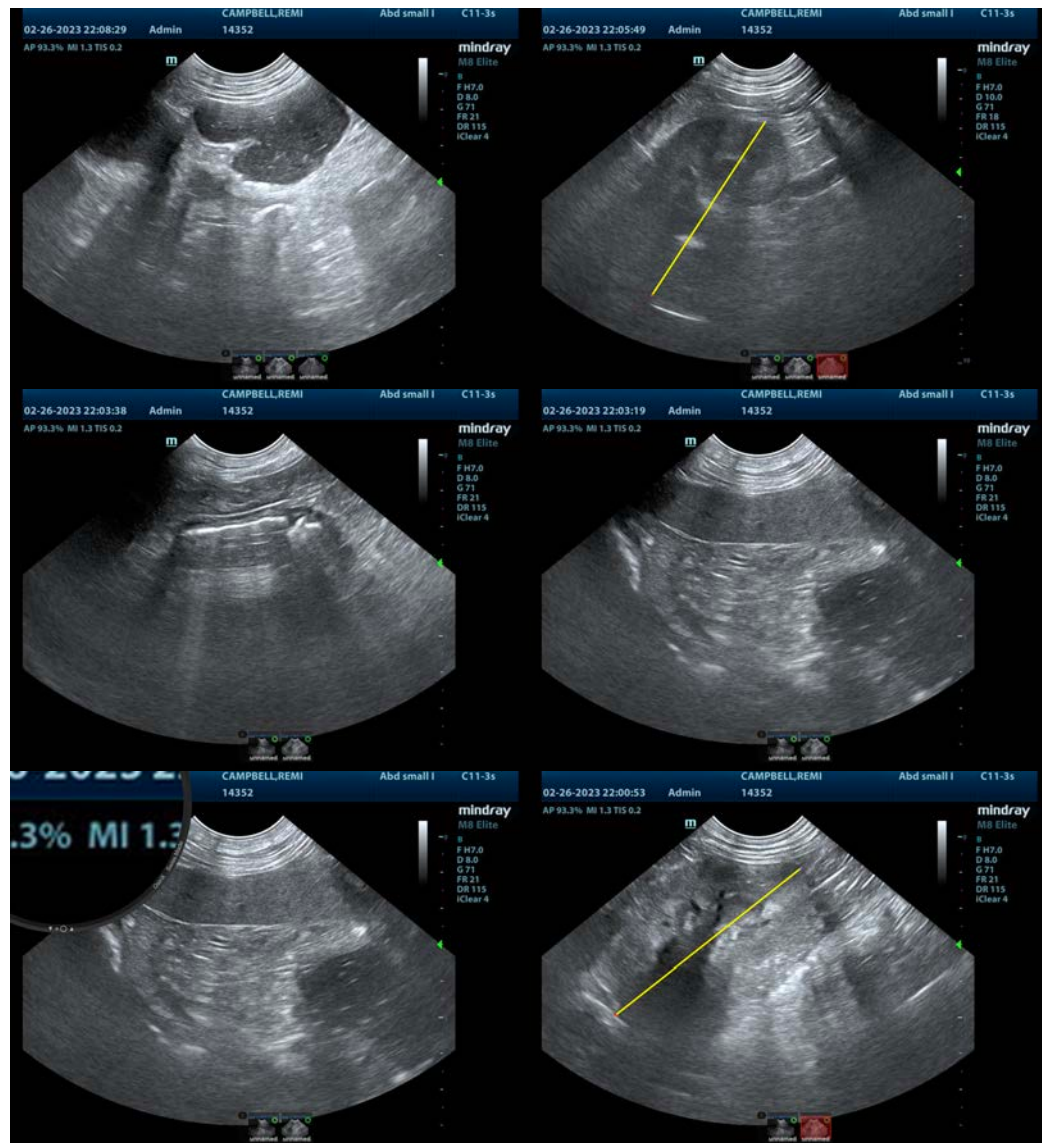
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Enterotoxin type gastroenteritis/colitis

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Fecal test, IV fluid support, plasma expansion, and treatment for enterotoxins all indicated. Unremarkable abdomen otherwise. Recheck sonogram in 24-48 hours if clinical signs are not resolving.





PATIENT

Remi Campbell

SPECIES

Canine

BREED

Lab Retriever

SEX

Spayed Female

AGE

9 Years 5 Months

WEIGHT

64.7 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Sarah Green

HOSPITAL NAME

Healing Spirit

REFERRING VET

Dr. Sarah Green

INVOICE

45508

DATE

2/26/23



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com