



PATIENT

Sheba Knecht

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

8 Years

WEIGHT

7.6 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Dr. Gudrun Gunther

HOSPITAL NAME

New Frontier Animal
Medical Center

REFERRING VET

Dr. Gudrun Gunther

INVOICE

75396

DATE

5/22/26

PRESENTING CLINICAL SIGNS

Chronic diarrhea for about 2 mo and hyporexia last 48 hours. Has had previous episodes of diarrhea. Diarrhea previously controlled by diet (Hill's GI Biome diet). Mild progressive weight loss

Abnormal PE/Chem/CBC/UA Results: CBC - WNL CHEM - mild hypochloridemia/hyponatremia T4 - euthyroid Fecal = no parasites noted

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 **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. Mineralization noted in both kidneys. Right kidney measured 3.3 cm. Left kidney measured 3.4 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. Left measured 0.40 cm. Right measured 0.48 cm.

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

Minor retention of ingesta noted in the **stomach**. Minor hyperperistalsis noted in the small intestine yet structurally the GI tract was unremarkable.



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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.

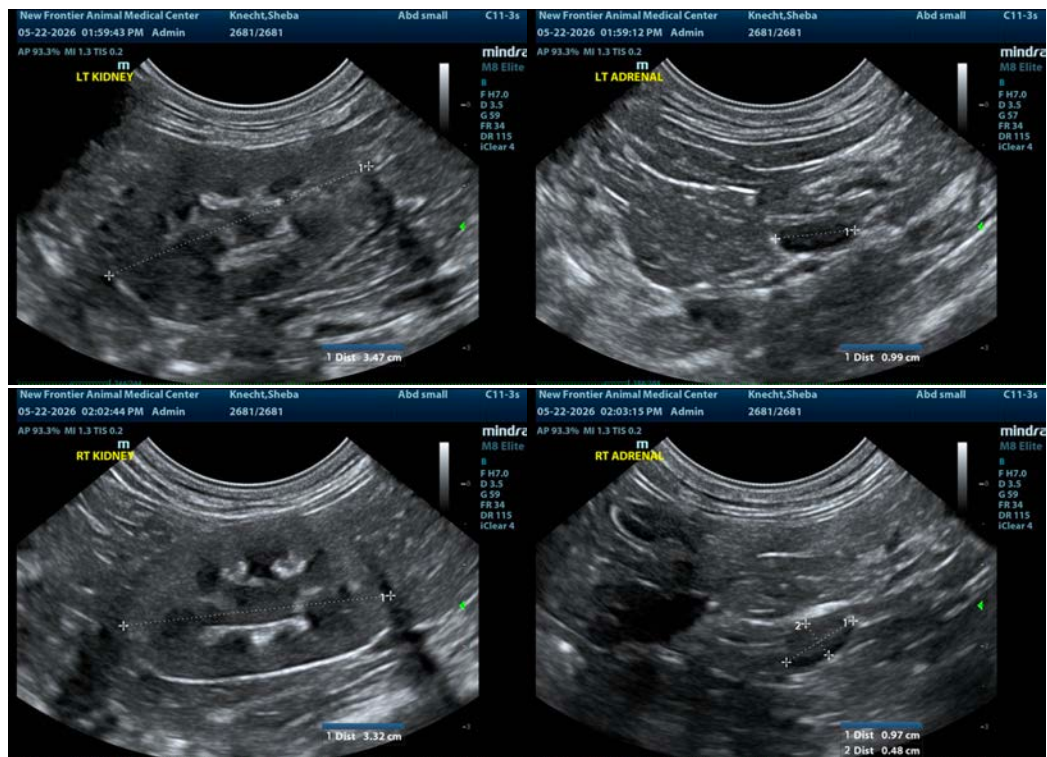
ULTRASONOGRAPHIC FINDINGS

- Irritable bowel presentation.
- Age related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Structurally unremarkable abdomen. No evidence of visceral disease. Maldigestion panel, three view chest radiographs and full CNS examination is recommended to examine for occult disease that could be responsible for the weight loss. Evaluation for competitive eating environments should also be considered.

Differentials for diarrhea include occult parasitism, dietary indiscretion, dietary intolerance, antibiotic responsive colitis, intestinal dysbiosis should all be considered as causes of diarrhea in this patient. A hydrolyzed diet trial may be in this patient's best interest +/- probiotics. 8-12-hour NPO and reintroduction of bland diet indicated. I recommend a fresh fecal smear and fecal floatation analysis if not already performed. Note that recent research has shown that indiscriminate use of antibiotics may actually cause harm. Most acute cases of diarrhea will respond to probiotic therapy, fiber, and gastrointestinal diets over the next 3-5 days. Low dose Prednisolone trial may be necessary in some cases. However, this may be problematic if an occult, non-evident round cell neoplasia or similar is developing.





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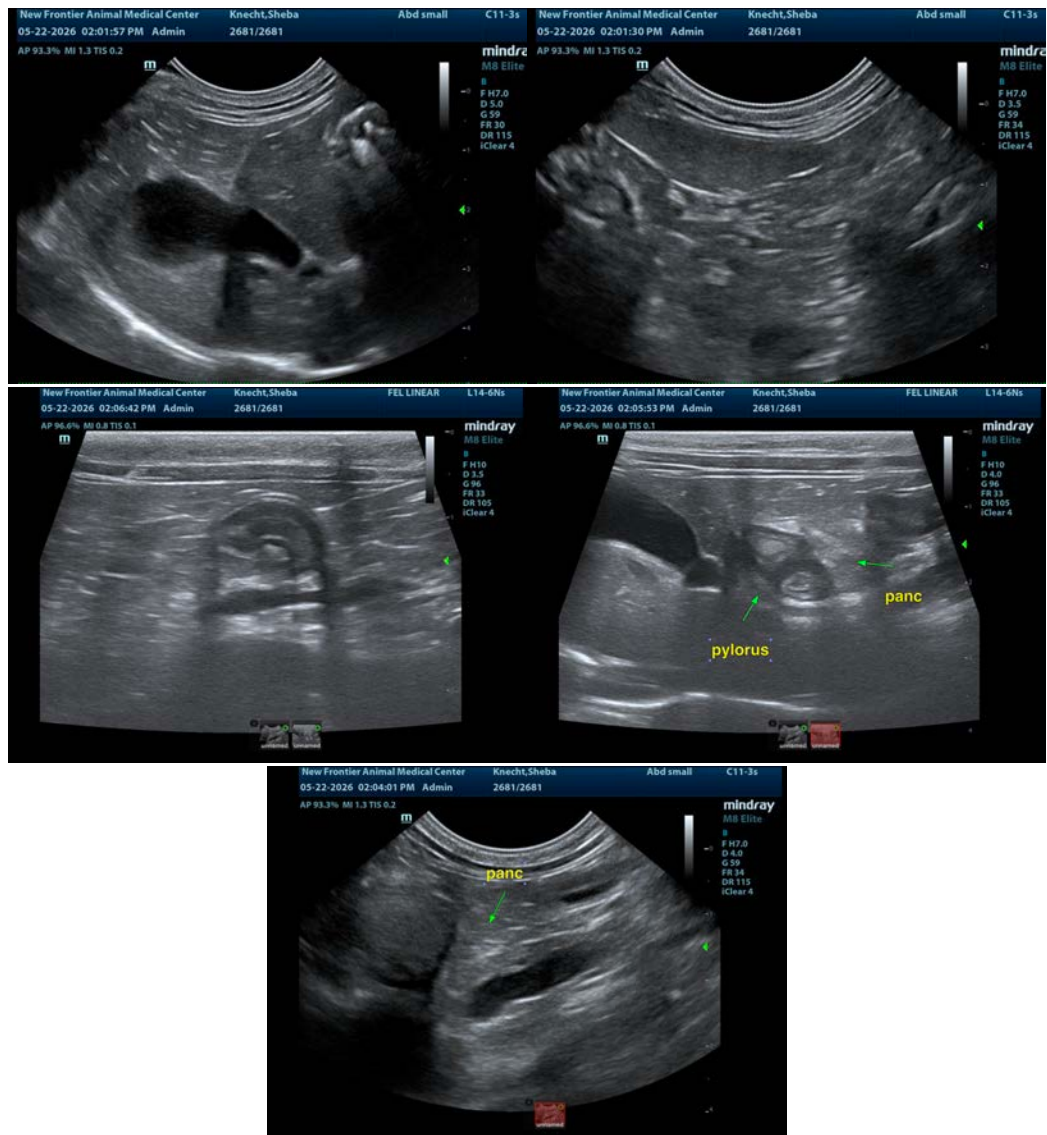
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,
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