



PATIENT

Lucy Rescue

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

13

WEIGHT

3.17

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Charlie Rodriguez

HOSPITAL NAME

Bethany Family PC

REFERRING VET

Dr. Mark Norman

INVOICE

43766

DATE

7/5/23

PRESENTING CLINICAL SIGNS

Not eaten much since Monday, soft stool, Vomited once either Sunday or Monday. O gave appetite stimulant that she had at home on Monday, was eating a small amount of baby food after that. This morning p is not doing well, did not want to come downstairs, no interest in food, is very lethargic. Abnormal PE/Chem/CBC/UA Results: Temp 102.9 at arrival, bg was 40, thin small dog, April 2023: albumin 2.4, ast 113, BUN 40, SDMA 23.5, calcium 7.7, glucose 25, hospitalized and placed on low fat food and did better at this time.

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 3.0 cm. The right kidney measured 3.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

Liver

The visible **liver** was unremarkable. The gallbladder was not visualized.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid 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. The colon was fluid filled.

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.

Free Abdomen

Mild amount of free fluid and reactive mesentery noted throughout the mid abdomen. Some areas of spastic bowel noted.



PATIENT

Lucy Rescue

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

13

WEIGHT

3.17

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Charlie Rodriguez

HOSPITAL NAME

Bethany Family PC

REFERRING VET

Dr. Mark Norman

INVOICE

43766

DATE

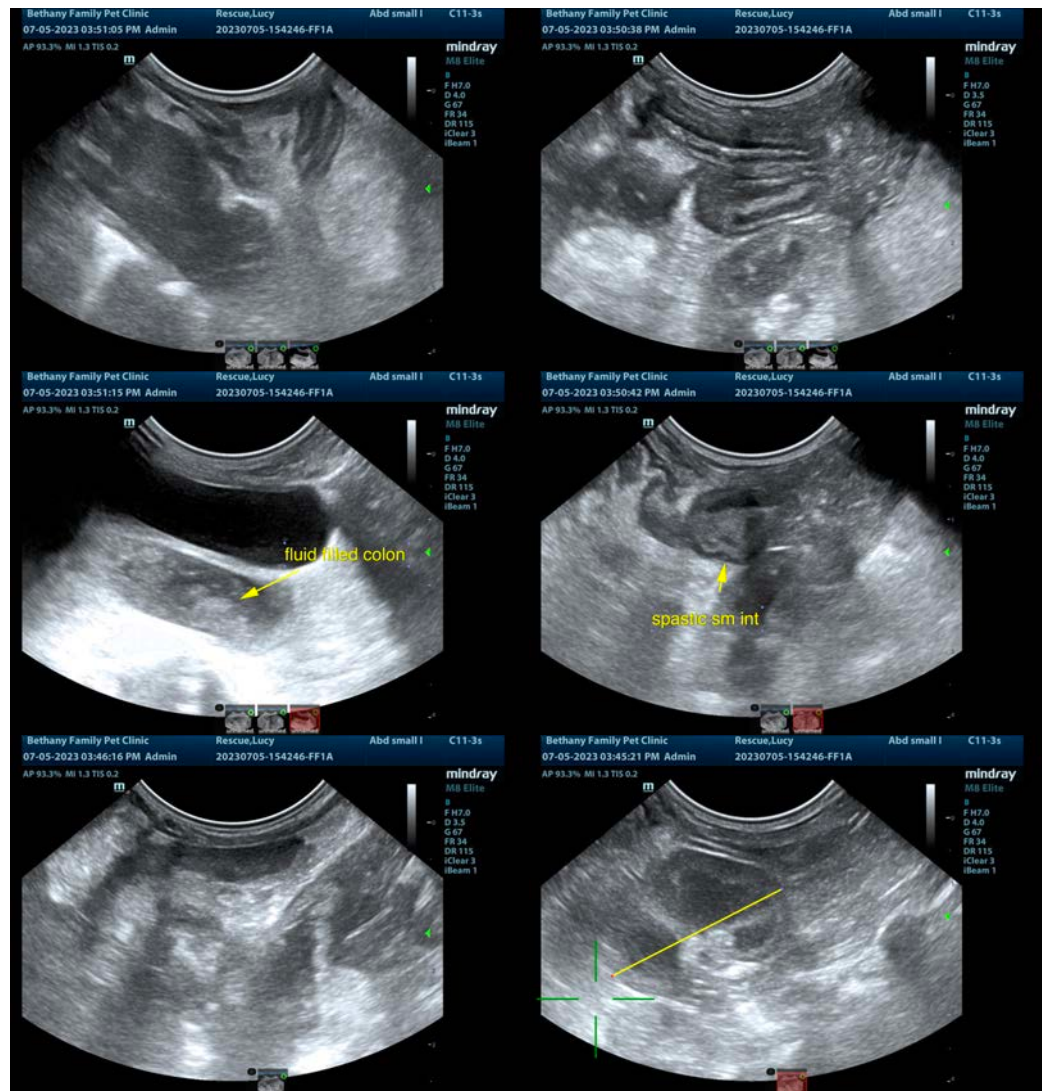
7/5/23

ULTRASONOGRAPHIC FINDINGS

- Enterocolitis pattern with reactive mesentery and minor amount of free fluid
- Age related renal changes
- Volume contracted spleen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Protein losing enteropathy likely, given the albumin level. Screening for Addison's warranted. Given the hypoglycemia, sepsis should be considered as a potential. IV fluid support, plasma expanders, broad-spectrum antibiotics, GI protectants, and fecal test with anti-parasitic protocol all indicated. No obvious evidence of neoplasia. However, an emerging lymphomatosis/carcinomatosis scenario cannot completely be ruled out. Recheck sonogram in 24-48 hours depending upon clinical progression.





PATIENT

Lucy Rescue

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

13

WEIGHT

3.17

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Charlie Rodriguez

HOSPITAL NAME

Bethany Family PC

REFERRING VET

Dr. Mark Norman

INVOICE

43766

DATE

7/5/23



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