



PATIENT

Jade Needleman

PRESENTING CLINICAL SIGNS

History of chronic vomiting with acute worsening along with mild weight loss and malodorous stool.

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** was slightly thickened (up to 4.0 mm). Anechoic urine was present. This change is most consistent with interstitial hypertrophy or cystitis.

BREED

DSH

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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 3.7 cm. The right kidney measured 3.85 cm.

SEX

Spayed Female

AGE

8 Years

Adrenal Glands

The regions of the **adrenal glands** revealed no evident pathology.

WEIGHT

11 Pounds

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. The spleen measured 1.0 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Dr. Elaina Petrone

Gastrointestinal

HOSPITAL NAME

Long Branch AH

The **stomach** itself was unremarkable. The jejunum revealed a region of approximately 1.5- 2.0 cm of loss of mural detail. The remainder of the intestinal tract revealed diffuse thickening with areas of increased submucosal echogenicity and muscularis hypertrophy. Wall thickness measured up to 0.32 cm. Reactive mesentery was noted around portions of the small intestine.

REFERRING VET

Dr. Elaina Petrone

Pancreas

INVOICE

22436

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.

DATE

5/10/23

ULTRASONOGRAPHIC FINDINGS



PATIENT

Jade Needleman

- Regional jejunal thickening with reactive mesentery and a region of loss of mural detail
- Age-related renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Feline

Surgical approach with intraoperative ultrasound is recommended to delineate the infiltrative pattern and resect the bowel. Resection of approximately 5-6 cm of intestine is recommended based on intraoperative ultrasound results and surgical approach with the resection points where curvilinear patterns are intact. If any urinary issues are present, then bladder wall biopsy is also indicated.

BREED

DSH

Inflammatory bowel with complicating mural disease, dry form FIP, emerging round cell neoplasia or carcinoma are all possible.

SEX

Spayed Female

AGE

8 Years

WEIGHT

11 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Elaina Petrone

HOSPITAL NAME

Long Branch AH

REFERRING VET

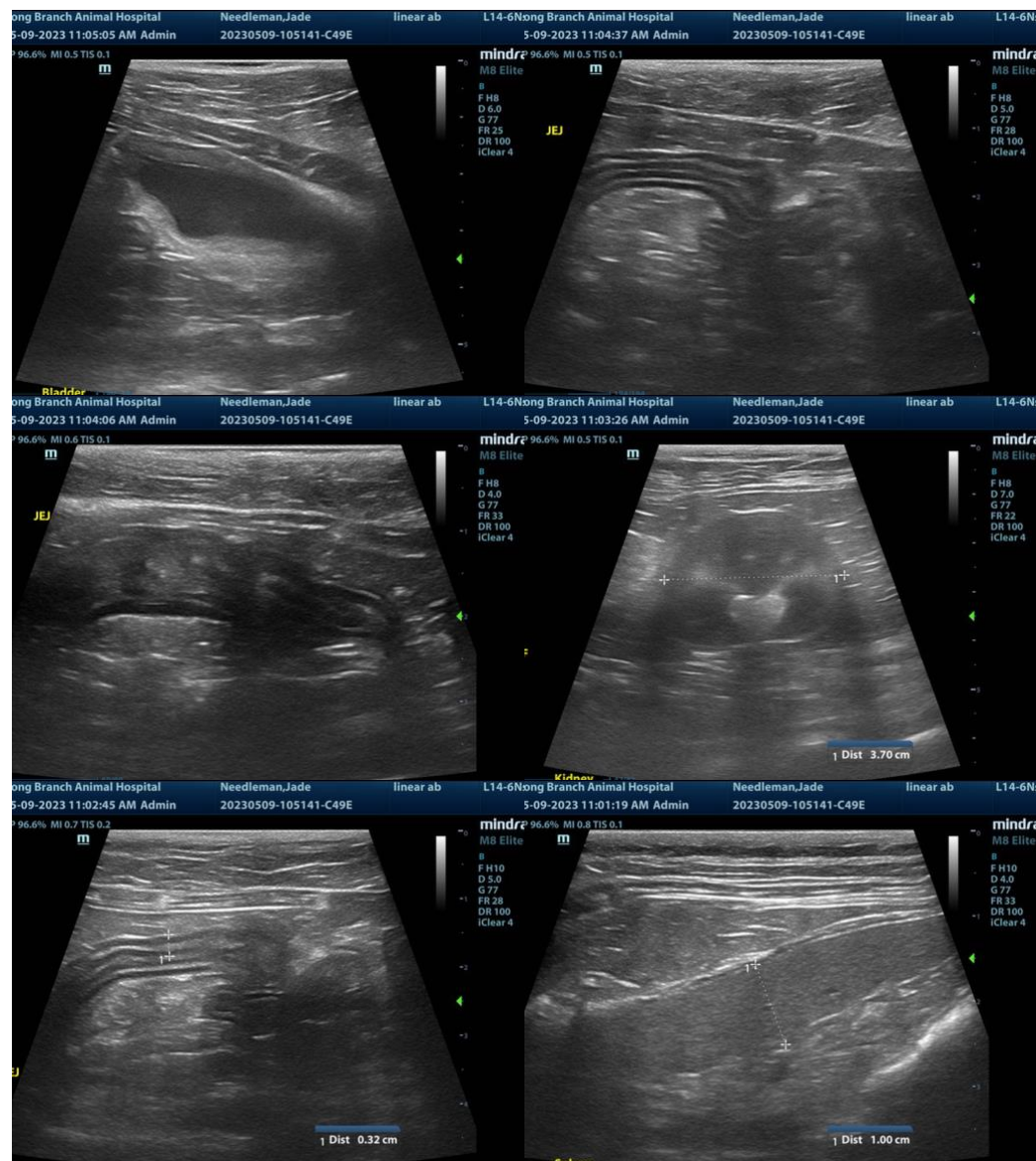
Dr. Elaina Petrone

INVOICE

22436

DATE

5/10/23





PATIENT

Jade Needleman

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

8 Years

WEIGHT

11 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Elaina Petrone

HOSPITAL NAME

Long Branch AH

REFERRING VET

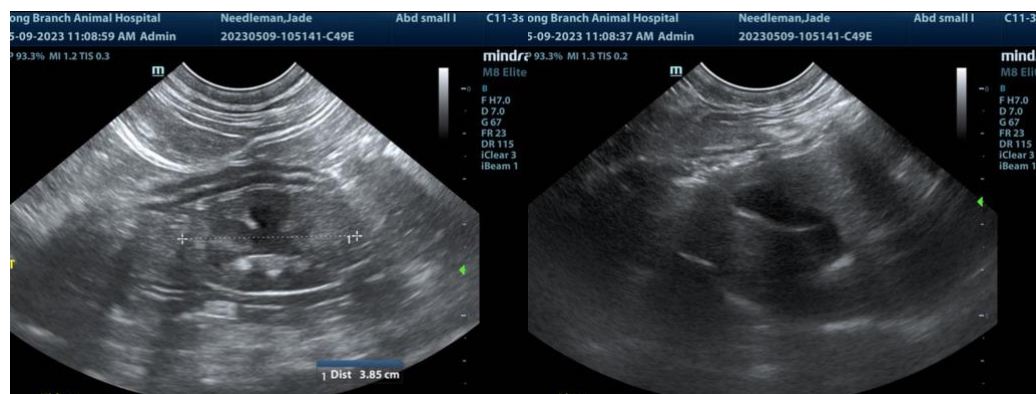
Dr. Elaina Petrone

INVOICE

22436

DATE

5/10/23



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