



## PATIENT

Jade Bruno

## SPECIES

Feline

## BREED

DSH

## SEX

Neutered Male

## AGE

11

## WEIGHT

7

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Jenn

## HOSPITAL NAME

Rockaway Animal  
Hospital

## REFERRING VET

Dr. Maniar

## INVOICE

15824

## DATE

05/06/26

## PRESENTING CLINICAL SIGNS

Decreased appetite not himself Hx of bladder stones On SO diet , vomiting

Abnormal PE/Chem/CBC/UA Results: ALT 875 ALP 4.6 GGT 26 T bili 3.0 Chol 287

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The **urinary bladder**, trigone, and pelvic urethra to a depth of 3.0 cm 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 mild 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 3.4 cm in length. The right kidney measured 3.5 cm in length.

### Adrenal Glands

Both **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 from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented with over distention and an apical polyp. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

### Gastrointestinal

Examination of the **gastrointestinal tract** revealed variable areas of wall thickening.

### Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some mild parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related



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changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

### Free Abdomen

The mesenteric **lymph node** presented abnormal length to width ratio with distorted, swollen, irregular contour. Parenchymal detail was indiscernible. This is most consistent with lymphoproliferative disease such as lymphoma/round cell neoplasia, metastatic disease, or an aggressive inflammatory process.

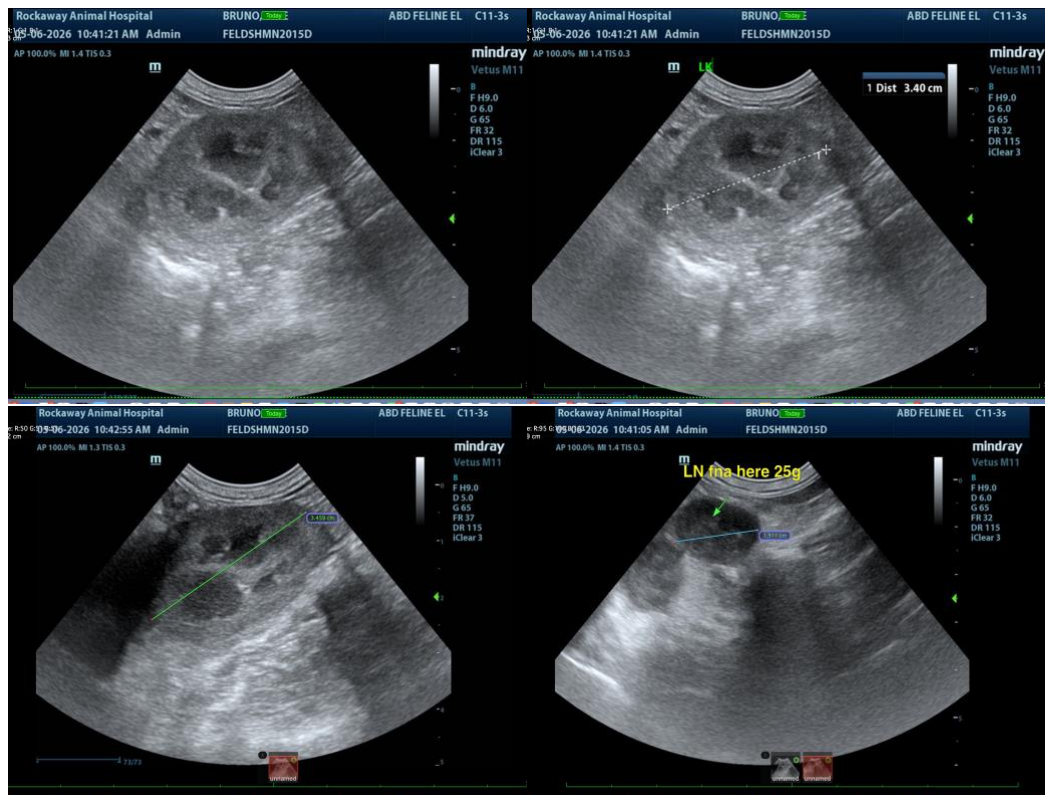
FNA, cytology and culture are warranted. The lymph nodes measured up to 2.0 cm. Some of the lymph nodes appeared to overly the pancreas. An undifferentiated mass was noted measuring 3.0 cm x 2.0 cm in the mesenteric root.

### ULTRASONOGRAPHIC FINDINGS

- Chronic GI changes with multifocal lymphadenopathy and undifferentiated mass.
- Age-related abdominal changes.
- Gallbladder over distention and apical polyp.

### INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the accessible pathology is recommended. Lymphoma is suspected involving the lymph nodes and likely the intestinal tract.





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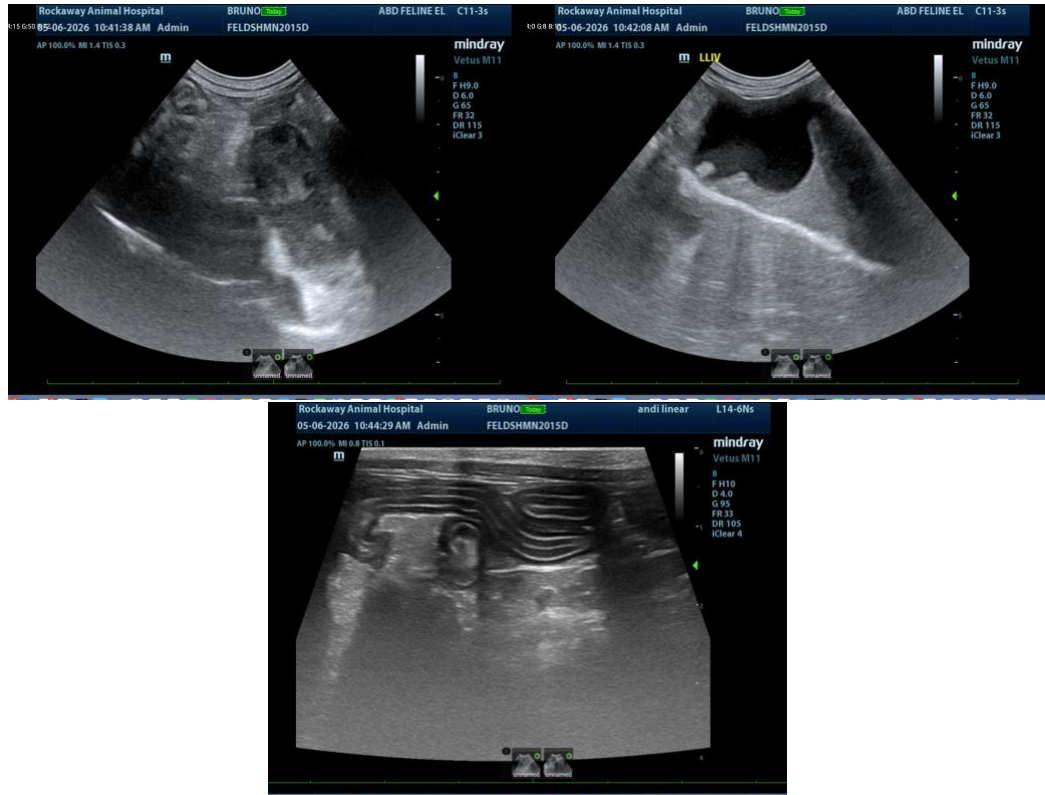
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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