

## PATIENT

Alice Scannelli

## SPECIES

Feline

## BREED

DSH

## SEX

Spayed Female

## AGE

13

## WEIGHT

9.6

## INTERPRETED BY

Beth Johnson, DVM  
DACVIM

## IMAGING PERFORMED BY

Jenn

## HOSPITAL NAME

Rockaway Animal  
Hospital

## REFERRING VET

Dr. Maniar

## INVOICE

13141

## DATE

01/14/26

## PRESENTING CLINICAL SIGNS

Hx of diabetes presents for pacing, licking air, had a small seizure over the weekend, increased appetite

Abnormal PE/Chem/CBC/UA Results: ALP 122 Lipase 8.2

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

Urinary bladder is adequately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

Left kidney is normal in size (3.85 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

Right kidney is normal in size (3.96 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

### Adrenal Glands

The adrenal glands are unable to be well visualized in these images.

### Spleen

Spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

### Liver

Liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

Gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

### Gastrointestinal

The visible stomach wall is normal in thickness and layering. The lumen of the stomach is mildly distended with primarily fluid as well as some echogenic non-shadowing luminal contents and gas consistent with normal chyme. There is no evidence of obstruction, foreign material, or infiltrative disease. Pyloric outflow tract appears patent.

The visible small intestine demonstrates areas of moderately thick muscularis layer relative to mucosa (disruption of the normal 1:3 muscularis:mucosa ratio). Small intestinal submucosa is slightly irregular, thick and hyperechoic, without evident loss of layering appreciated. The lumen of the small intestine is diffusely, very mildly fluid distended without evidence of an obstructive pattern, plication, and/or



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visible foreign material, but some small intestinal hyperperistalsis is noted. Some subtly enhanced hyperechoic fat is also present adjacent to these areas.

The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

**Pancreas**

The pancreas that is observed appears appropriately isoechoic to surrounding omental fat. Visible capsule is smooth and normal in contour. Visible pancreatic parenchyma is homogenous and unremarkable. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

**Free Abdomen**

The mesenteric lymphadenopathy is prominent in size with swollen capsular contour. Normal elongated shape (length to width ratio) is maintained. There is no loss of parenchymal detail.

**ULTRASONOGRAPHIC FINDINGS**

- Moderate inflammatory bowel disease pattern- Thick muscularis has been reported with infiltrative bowel disease including both benign inflammatory disease as well as infiltrative neoplasia such as lymphoma. No loss of layering or distinct characteristics of malignancy are present. Therefore, differentials cannot be further ranked without tissue sampling.
- Some hyperperistalsis and subtly enhanced hyperechoic mesenteric fat adjacent to the bowel is consistent with irritation, secondary to underlying gastrointestinal disease +/- dietary indiscretion or intolerance, infectious, parasitic or protozoal disease, etc.
- Mesenteric lymphadenopathy- infiltrative neoplastic disease cannot be ruled out but is considered less likely.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- There's not a definitive ultrasonographically visible intra-abdominal explanation for patient's reported presenting complaint clinical signs, i.e. neurologic signs, seizure, etc. and further extra abdominal workup for these signs, including a blood pressure, may be indicated.
- There is some evidence, however, of possible concurrent gastrointestinal disease that should be interpreted in combination with clinical history, weight, etc. And if indicated, a gastrointestinal malabsorption panel (including cobalamin, folate, TLI and PLI) to Texas A&M GI Laboratory is recommended for further evaluation of GI and pancreatic function +/- a fecal enteropathogen PCR panel to Texas A&M GI Laboratory could be considered for further evaluation of possible infectious disease. Contact lab for recommendations on how long to discontinue antibiotics (if indicated) prior to obtaining a stool sample for submission.
- Other than supportive/symptomatic medical management of clinical signs, further treatment recommendations are largely dependent on results of the above.



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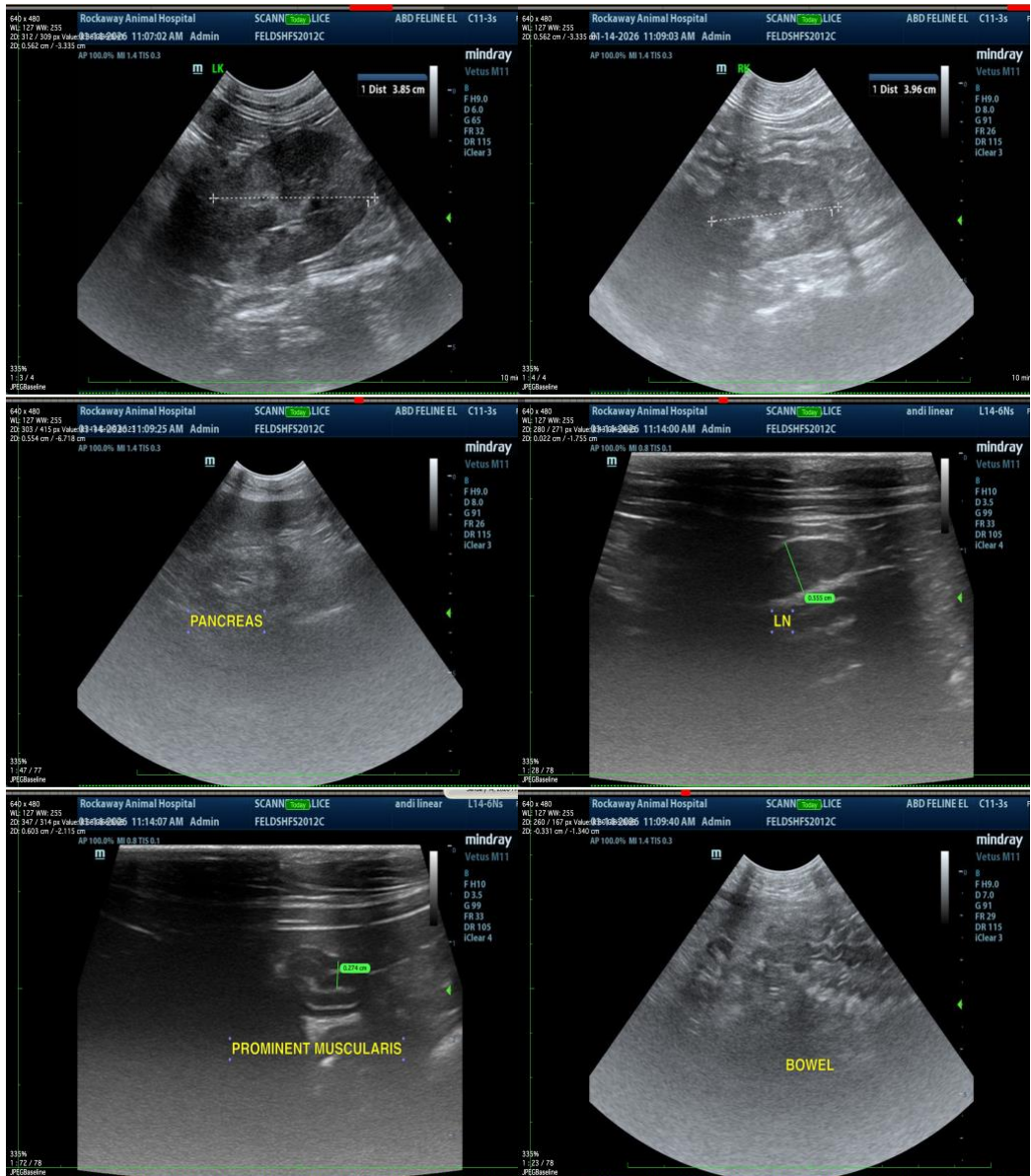
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Beth Johnson, DVM DACVIM

info@sonopath.com