



PATIENT

Beatrice Blades

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

16

WEIGHT

7.13

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Cassidy Braverman,
CVT

HOSPITAL NAME

Bush AH

REFERRING VET

Dr. Yeager

INVOICE

20403

DATE

1/5/23

PRESENTING CLINICAL SIGNS

History: Clinical Exam Findings: normal abd palpation, muscle atrophy
Abnormal PE/Chem/CBC/UA Results: Lab Findings: CBC-Lymphopenia 3100- stress Chem- creatinine 2.0 mg/dL (normal <1.5) was 2.0 BUN 24 mg/dL (N 16-37) was 38 specFPL-7.7-high, pancreatitis T4-WNL Current Medications: ^mirtazapine, previous course of Cerenia. Radiographic Findings: ^Lateral chest and abdomen radiograph- mild cardiomegaly, lungs WNL, gassy small intestines, small kidneys, some food material in stomach

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted. Aortic trifurcation was normal.

Both kidneys were low to borderline subnormal in size. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.2 cm in length. The right kidney measured 3.0 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.34 cm.

No overt pathology in the area of the right adrenal gland, although not definitively visualized.

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate variably echogenic ingesta, exhibiting areas of progressive distal acoustic shadowing without evidence of mechanical pyloric outflow obstruction or obstructive mural pyloric pathology.



PATIENT

Beatrice Blades

The small intestine presented intact wall layering with subjective maintained 1:3 muscularis/mucosa ratio noted primarily, with intact mildly prominent wall layering at the level of the ileocolic junction. Small intestinal wall width measured 0.25 cm x 0.26 cm. The ileocolic wall measured 0.46 cm.

SPECIES

Feline

Normal visible colon wall layers were present with potential semi-formed to soft fecal matter in lumen.

Pancreas

The left limb of the pancreas was normal in size and contour with mild uniform hypoechoic to mildly nonhomogenous parenchyma compared to adjacent omentum.

BREED

DSH

Free Abdomen

Mild to variably prominent regional, likely colic lymph nodes were present. These lymph nodes were homogenous, mildly hypoechoic and smoothly marginated. A normal width: length ratio was maintained (<0.5). Regional perilymphatic hyperechoic omentum was evident. An example of lymph node size was 1.0 cm in diameter. No evidence of omental masses or peritoneal free fluid.

SEX

Spayed Female

AGE

16

WEIGHT

7.13

ULTRASONOGRAPHIC FINDINGS

- Low-grade to chronic active pancreatitis pattern
- Overtly normal intact gastrointestinal wall layering with gastric ingesta and subjective mildly prominent yet intact ileocolic walls
- Suspect regional colic lymphadenitis- potentially owing to chronic inflammatory bowel
- Bilateral moderate chronic renal changes

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The presence of gastric ingesta may suggest recent meal ingestion or postprandial presentation, however, if documented NPO, some degree of possible metabolic gastric stasis could be possible without evidence of mechanical obstruction. No evidence of significant gastrointestinal mural pathology or overt neoplastic criteria, however, cats with reported muscle atrophy may have underlying structurally insignificant intestinal disease without evidence of concurrent reported weight loss, gastrointestinal signs, etc.

IMAGING PERFORMED BY

Cassidy Braverman,
CVT

Assessment for evidence of cranial abdominal or subxiphoid discomfort on palpation in the area of the pancreas is suggested. Further assessment of occult or structurally insignificant intestinal disease, as well as further assessment of the pancreas may include a recommended GI panel to include PLI/TLI/Cobalamin/Folate. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered. Sonographic monitoring of the gastrointestinal tract and colic lymph nodes for evidence of progression is suggested if evidence of progressive muscle atrophy or development of gastrointestinal signs or weight loss going forward.

HOSPITAL NAME

Bush AH

REFERRING VET

Dr. Yeager

INVOICE

20403

DATE

1/5/23



PATIENT

Beatrice Blades

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

16

WEIGHT

7.13

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Cassidy Braverman,
CVT

HOSPITAL NAME

Bush AH

REFERRING VET

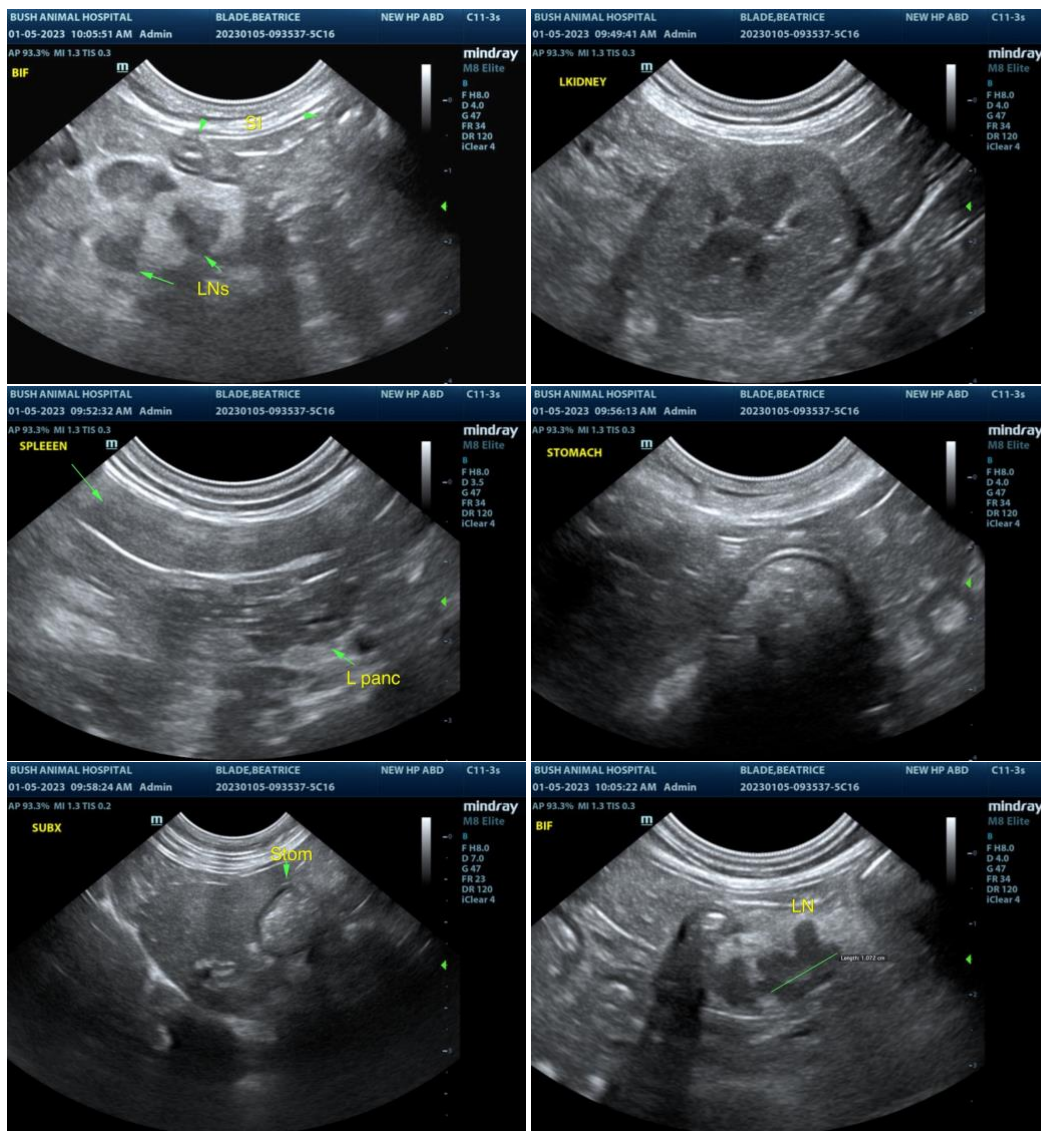
Dr. Yeager

INVOICE

20403

DATE

1/5/23





PATIENT

Beatrice Blades

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

16

WEIGHT

7.13

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Cassidy Braverman,
CVT

HOSPITAL NAME

Bush AH

REFERRING VET

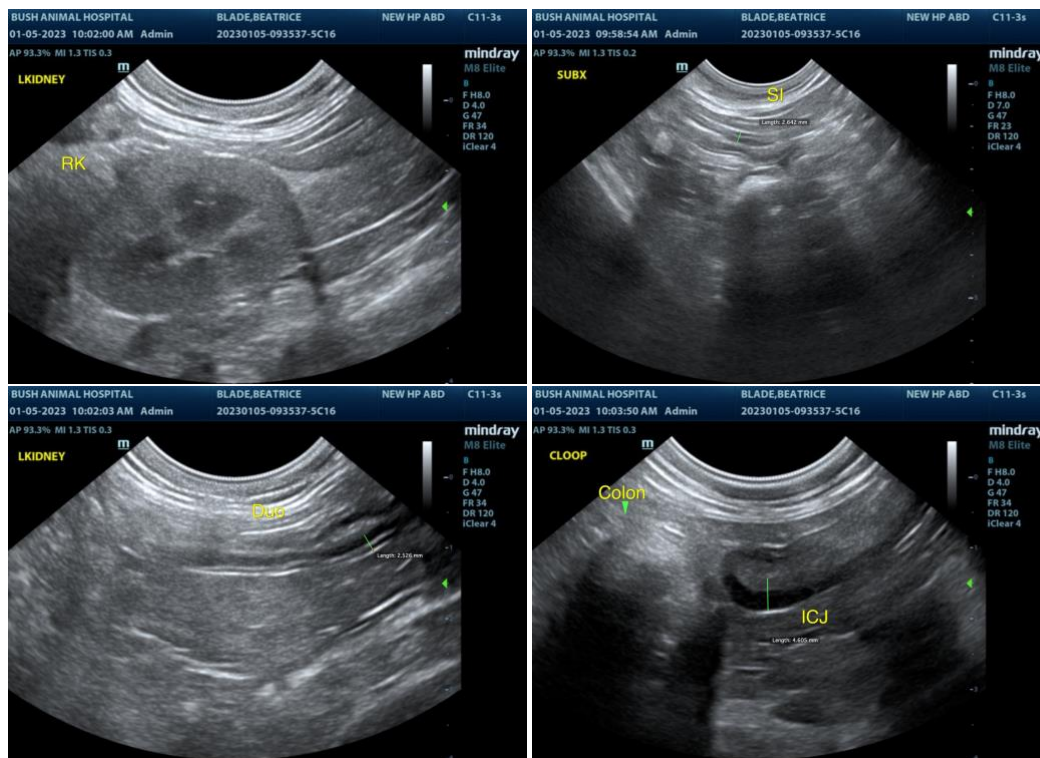
Dr. Yeager

INVOICE

20403

DATE

1/5/23



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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com