



PATIENT

Boudicca Carter

SPECIES

Feline

BREED

Maine Coon

SEX

Spayed Female

AGE

7 Years

WEIGHT

9.1 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Sorbo

HOSPITAL NAME

Millbrook AC

REFERRING VET

Sorbo

INVOICE

17392

DATE

9/19/22

PRESENTING CLINICAL SIGNS

History: Ongoing weight loss (15.3lbs in 2021, 10.9lbs less than two months ago, 9.1lbs today). Reduced appetite, grooming self less. Occasional wheezing per O. On Gabapentin for vet visits (did not get any today) and tacrolimus for the eyes (lipid kertopathy).

Abnormal PE/Chem/CBC/UA Results: Mild visible dnt dz. Sensitive abd palpation in general - nothing new. Labs from mid-September: Normal chem (incl normal AST, ALT, AlkP, GGT, tBil, Crea), normal CBC, normal lytes. USG 1.063, UPC 0.1. Antech precision PSL 16 (normal), TLI 55.4 (normal), B12 533 (normal), folate 20.7 (normal).

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 is size (3.8 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 is size (3.7 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

Left adrenal gland is normal in size (0.27 cm), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

Right adrenal gland is normal in size (0.29 cm), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

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



| | |
|-----------------------------|---|
| PATIENT | The visible stomach wall is normal in thickness and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent. |
| Boudicca Carter | |
| SPECIES | |
| Feline | The visible small intestine demonstrates areas of very mildly 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 empty with no evidence of obstruction or foreign material. |
| BREED | |
| Maine Coon | The visible colon is normal in wall thickness and layering. Contents are consistent with normal formed feces and gas. |
| SEX | <i>Pancreas</i> |
| Spayed Female | The observed pancreas 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. |
| AGE | <i>Free Abdomen</i> |
| 7 Years | No free fluid noted. |
| WEIGHT | The mesenteric lymph nodes are prominent in size with swollen capsular contour. Normal elongated shape (length to width ratio) is maintained. There is no loss of parenchymal detail. |
| 9.1 Pounds | |
| INTERPRETED BY | ULTRASONOGRAPHIC FINDINGS |
| Beth Johnson, DVM DACVIM | <ul style="list-style-type: none"> Inflammatory bowel disease (IBD) pattern – Thick muscularis has been reported with infiltrative bowel disease including both benign inflammatory disease as well as infiltrative neoplasia such as lymphoma. No aggressive lymphadenopathy, loss of layering, etc. is noted to make lymphoma more probable, but lymphoma cannot be definitively ruled out without tissue sampling. Reactive mesenteric lymph nodes – infiltrative neoplastic disease cannot be ruled out but is considered less likely |
| IMAGING PERFORMED BY | INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS |
| Sorbo | The ultrasound findings in this study are suggestive of possible infiltrative bowel disease, possibly inflammatory bowel disease as a possible cause for this patients weight loss. Given the reportedly normal GI panel results, the disease may be mild or early/progressing. |
| HOSPITAL NAME | |
| Millbrook AC | |
| REFERRING VET | Recommendations include evaluating other causes of decreased appetite, such as dental pain, neurologic disease, upper respiratory disease, behavioral conflict with other pets in the house, etc. and supportively/symptomatically managing gastrointestinal signs with antiemetics, gastroprotectants could be considered, empirical deworming with a 5-day course of Panacur and appetite stimulants to try to transition this patient to a hydrolyzed protein diet if another cause for decreased appetite is not discovered. |
| Sorbo | |
| INVOICE | Ultimately, biopsies of the gastrointestinal tract, being sure to include ileum, if possible, may be necessary to definitively diagnose and therefore manage this patients disease. |
| 17392 | |
| DATE | |
| 9/19/22 | |



PATIENT

Boudicca Carter

SPECIES

Feline

BREED

Maine Coon

SEX

Spayed Female

AGE

7 Years

WEIGHT

9.1 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Sorbo

HOSPITAL NAME

Millbrook AC

REFERRING VET

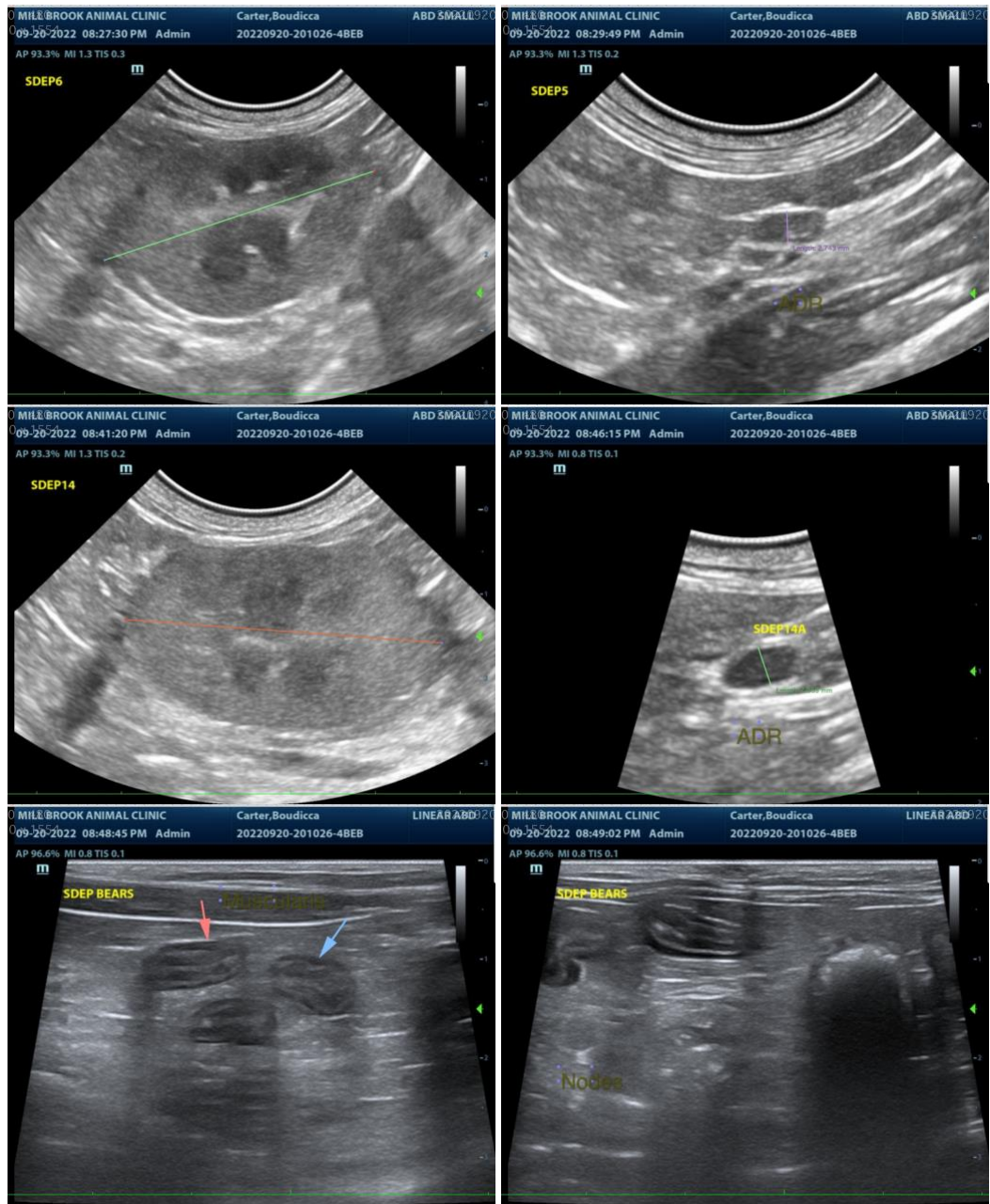
Sorbo

INVOICE

17392

DATE

9/19/22



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.

Beth Johnson, DVM DACVIM

Beth.Johnson@SonoPath.com



PATIENT

Boudicca Carter

SPECIES

Feline

BREED

Maine Coon

SEX

Spayed Female

AGE

7 Years

WEIGHT

9.1 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

**IMAGING
PERFORMED BY**

Sorbo

HOSPITAL NAME

Millbrook AC

REFERRING VET

Sorbo

INVOICE

17392

DATE

9/19/22