



PATIENT

Cooper Maddison

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Male Neutered

AGE

10 Years

WEIGHT

5.3 kgs.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Kelly Reshny, RVT

HOSPITAL NAME

Beattie Pet Hospital
Burlington

REFERRING VET

Dr. William

INVOICE

11976kk

DATE

10/8/21

PRESENTING CLINICAL SIGNS

History: Vomiting a few times each week, abdomen looks enlarged and tense.

Abnormal PE/Chem/CBC/UA Results: ALT 244 (12-130) rest of BW is WNL

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. A small to moderate amount of aggregated echogenic debris is suspended within the lumen. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

The left kidney is normal size (4.28 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

The right kidney is normal size (4.30 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.57 cm length; 0.28 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.66 cm length; 0.46 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

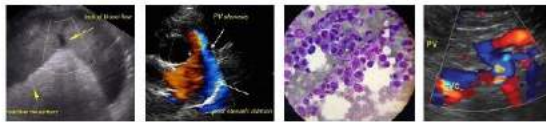
The spleen is normal in size (0.66 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. There is disruption in



PATIENT

Cooper Maddison

the normal 1:3 muscularis: mucosal ratio in most segments. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

SPECIES

Feline

Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

BREED

Domestic Shorthair

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. A few prominent lymph nodes are observed in the caudal abdomen adjacent to the descending colon. Surrounding mesentery is hyperechoic.

SEX

Male Neutered

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Bowel pattern consistent with inflammatory bowel disease with potential for emerging lymphoma.
- The prominent abdominal lymph nodes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. Neoplastic infiltration is considered less likely.

AGE

10 Years

Secondary Findings:

- Bilateral, non-specific, age-related renal changes.

WEIGHT

5.3 kgs.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The following diagnostic/treatment recommendations can be considered:

1. Serum cobalamin, folate, PLI and TLI
2. A fecal evaluation for ova/Giardia
3. A 6-week limited antigen diet trial to assess for food allergies
4. Also consider heartworm antigen and antibody testing as heartworm disease can be a cause of chronic vomiting in cats.
5. Three-view thoracic radiographs are recommended to assess for occult esophageal disease.
6. If the above diagnostics/therapeutics are inconclusive, endoscopic or surgical gastrointestinal biopsies may be warranted.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

**IMAGING
PERFORMED BY**

Kelly Reshny, RVT

HOSPITAL NAME

Beattie Pet Hospital
Burlington

REFERRING VET

Dr. William

INVOICE
11976kk

DATE
10/8/21



PATIENT

Cooper Maddison

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Male Neutered

AGE

10 Years

WEIGHT

5.3 kgs.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

**IMAGING
PERFORMED BY**

Kelly Reshny, RVT

HOSPITAL NAME

Beattie Pet Hospital
Burlington

REFERRING VET

Dr. William

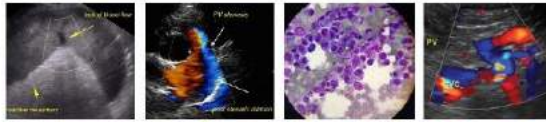
INVOICE
11976kk

DATE
10/8/21



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.



PATIENT

Cooper Maddison
Andrea Nicastro, DVM, Diplomate ACVIM (*Small Animal Internal Medicine*)
Andrea.nicastro@sonopath.com

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Male Neutered

AGE

10 Years

WEIGHT

5.3 kgs.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

**IMAGING
PERFORMED BY**

Kelly Reshny, RVT

HOSPITAL NAME

Beattie Pet Hospital
Burlington

REFERRING VET

Dr. William

**INVOICE
11976kk**

DATE
10/8/21