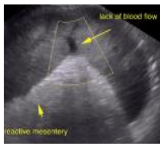
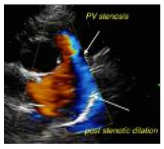
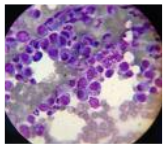
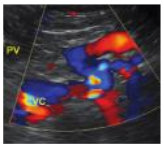
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Merp Pausz

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

10 years

WEIGHT

8.6 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Velasco

HOSPITAL NAME

Bethany Family PC

REFERRING VET

Dr. Velasco

INVOICE

10766

DATE

4/18/22

PRESENTING CLINICAL SIGNS

History: Merp is hungry all the time. She eats, then shortly later yowls and vomits. She has lost 1# in the last 4 months. Activity and attitude are normal. Full body rads are WNL. Indoors only. pt currently having 6-day course of fenbendazole and changing to hypoallergenic diet.
Abnormal PE/Chem/CBC/UA Results: Chem/CBC/T4/UA are WNL. Fecal negative.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is mildly distended. The wall is normal in thickness with a smooth mucosal surface. A moderate amount of echogenic-to-mineralized debris/sand +/- a tiny calculus is observed within the lumen. The region of the trigone and the proximal urethra, visible to a depth of 1 cm, are normal.

The left kidney is normal size (3.88 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. A cortical infarct is suspected at the cranial pole. There is no evidence of pyelectasia, nephroliths, or hydroureter.

The right kidney is normal size (4.24 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 hydroureter. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal in size (0.37 cm width), with a normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.49 cm width), with a normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The spleen is normal in size (0.70 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

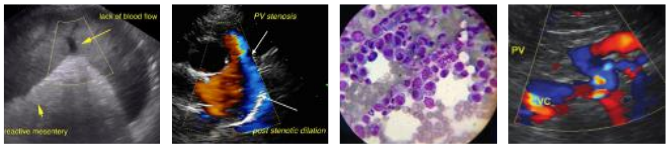
The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

The gall bladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No cholelithsare observed. The cystic and common bile ducts are normal/.

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

SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™
SonoPath.com
1-800-838-4268 info@sonopath.com



PATIENT
Merp Pausz

SPECIES
Feline

BREED
DSH

SEX
Spayed Female

AGE
10 years

WEIGHT
8.6 lbs

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

IMAGING PERFORMED BY
Dr. Velasco

HOSPITAL NAME
Bethany Family PC

REFERRING VET
Dr. Velasco

INVOICE
10766

DATE
4/18/22

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.

Free Abdomen
There is no evidence of free fluid. The abdominal lymph nodes are normal/not visible.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Bowel pattern suggestive of inflammatory bowel disease. There is some potential for emerging lymphoma. However, neoplasia is considered unlikely at this time.

Secondary Findings

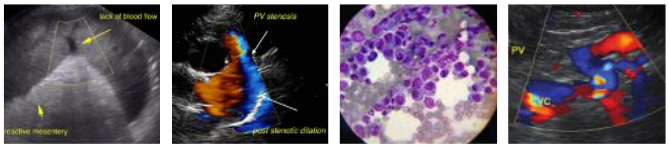
- Bilateral, nonspecific, chronic, age-related renal changes, with a questionable left cortical infarct
- Urinary bladder sand +/- tiny, cystic calculus

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. For patients where chronic vomiting is present but additional diagnostics are not to be performed, consider triple therapy as empirical treatment for Helicobacter gastritis:
    a. Amoxicillin: 10-22 mg/kg PO q 12 hours x 14-21 days
    b. Metronidazole: 10-15 mg/kg PO q 12 hours for 14-21 days
    c. Omeprazole: 0.7 mg/kg PO q 24 hours for 14-21 days
    d. (+/- the addition of Bismuth subsalicylate: 3.85 mg/kg PO q 6-8 hours x 14-21 days)
4. Also consider heartworm antigen and antibody testing as heartworm disease can be a cause of chronic vomiting in cats.
5. Thoracic radiographs (three-view) are recommended to assess for occult esophageal disease.
6. If the above diagnostics/therapeutics are inconclusive, endoscopic, or surgical gastrointestinal biopsies may be warranted.

SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Merp Pausz

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

10 years

WEIGHT

8.6 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Velasco

HOSPITAL NAME

Bethany Family PC

REFERRING VET

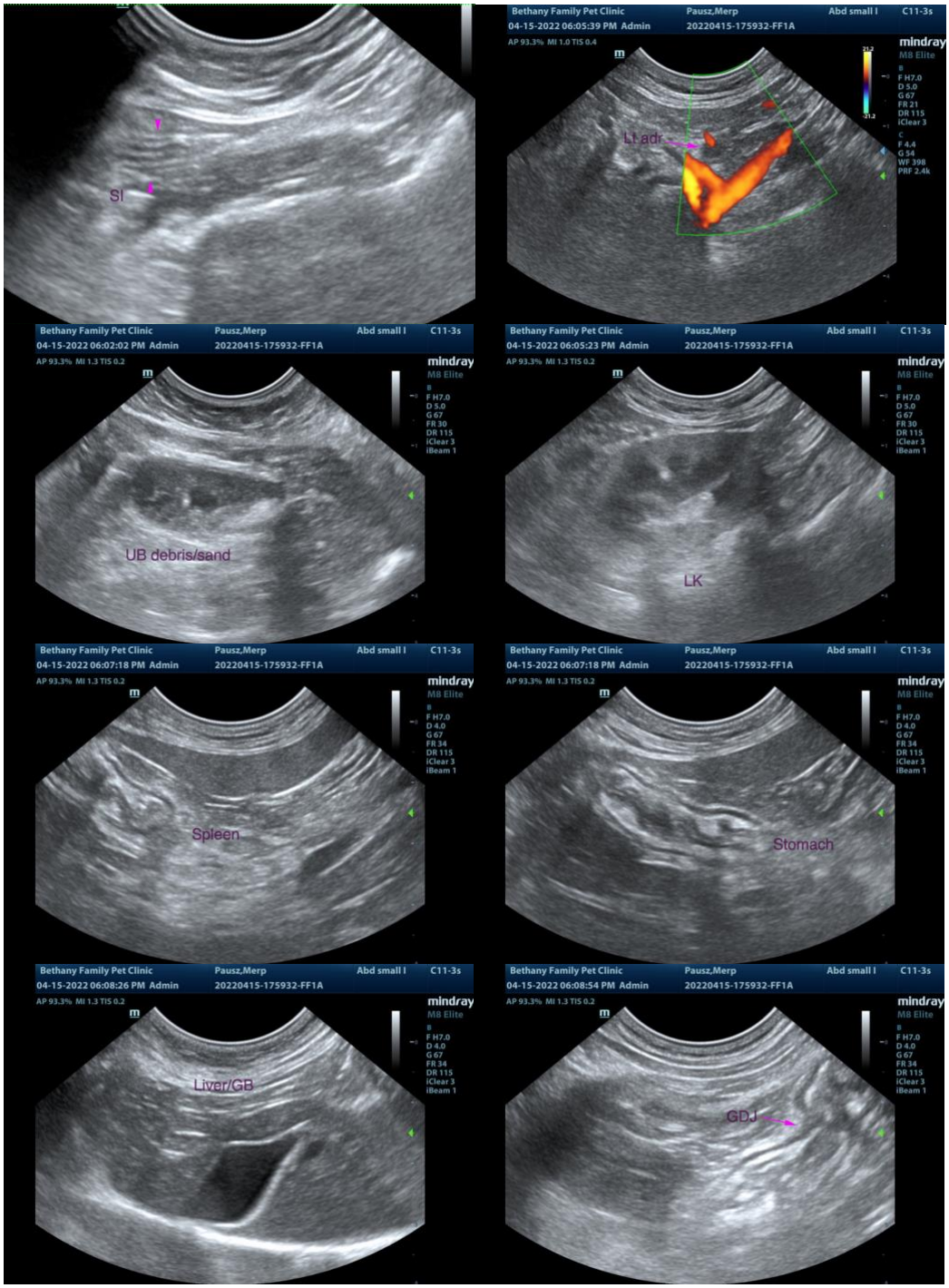
Dr. Velasco

INVOICE

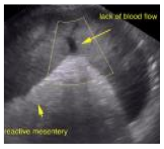
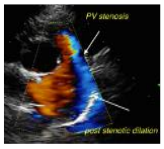
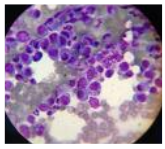
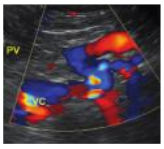
10766

DATE

4/18/22



SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Merp Pausz

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

10 years

WEIGHT

8.6 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Velasco

HOSPITAL NAME

Bethany Family PC

REFERRING VET

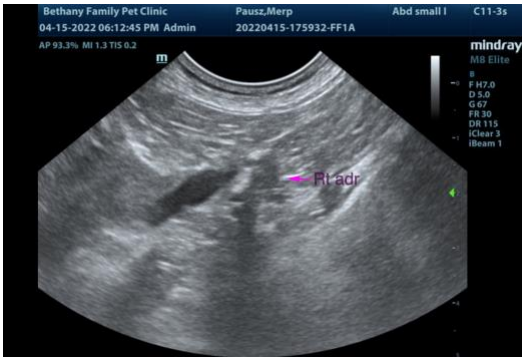
Dr. Velasco

INVOICE

10766

DATE

4/18/22



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.

Andrea Nicastro, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com