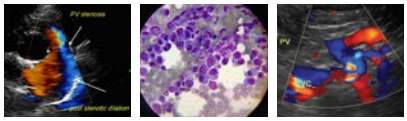
IMAGING PERFORMED BY

IntraPet.com



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

DATE

10/21/21

PATIENT

Paris Grezlik

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

2005

WEIGHT

9.4 Pounds

INTERPRETED BY

Beth Johnson, DVM DACVIM

HOSPITAL NAME

Bay Country VH

REFERRING VET

Dr. McLean

INVOICE

26579

PRESENTING CLINICAL SIGNS

History: Chronic vomiting, responds well to Cerenia.
Current Medications: Cerenia 16mg, 1/2 tablet PO SID as needed
Lab Results: CBC/Chem/T4 10/15/21 WNL. Full labs e-mailed to intrapetstaff@gmail.com
Date of Previous IntraPet Ultrasound: No previous.
Sedation: Isoflurane.
Stat Report: Not requested.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Urinary bladder is moderately 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.

Right kidney is normal in size (3.98 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.

Left kidney is normal in size (3.58 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

Right adrenal gland is normal in size (0.43 cm thick), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

Left adrenal gland is normal in size (0.39 cm thick), shape and contour. Corticomedullary structure is unremarkable. 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. Multifocal, well defined anechoic structures surrounded by thin echogenic walls with some distal acoustic enhancement noted, consistent with incidental benign liver cysts. 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 stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

The visible small intestines are normal in wall thickness (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Marked diffuse muscularis thickening is noted relative to the mucosal layer. Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.

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

Pancreas

Pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

Free Abdomen

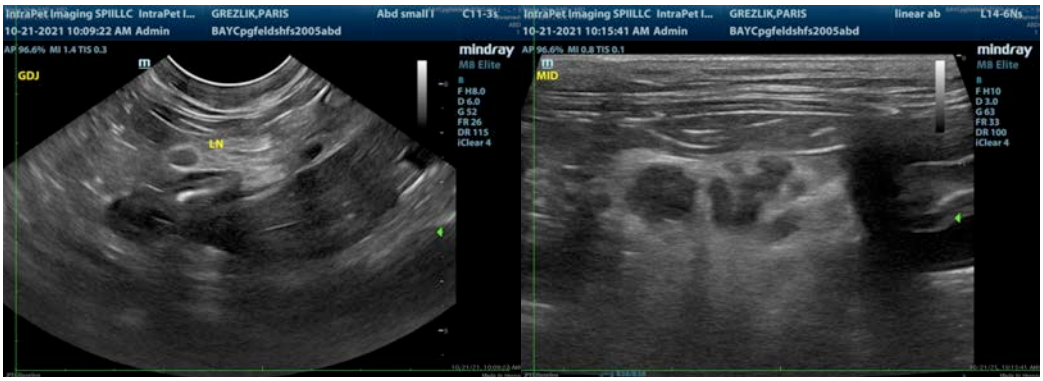
There is no evidence of peritoneal effusion. Diffuse lymphadenopathy of the mesenteric root present, showing evidence of perinodal inflammation characterized by a hyperechoic reactive mesentery.

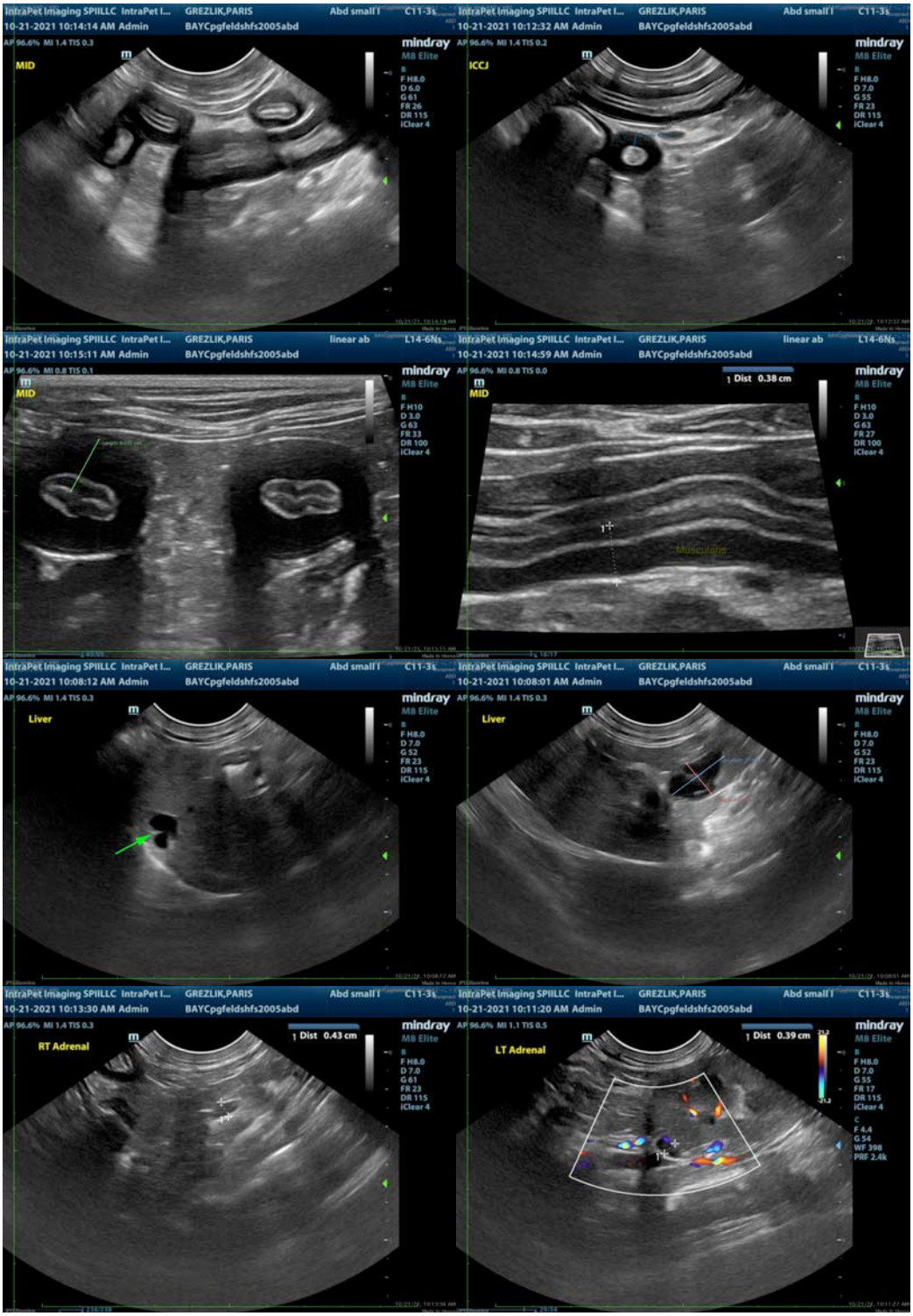
ULTRASONOGRAPHIC FINDINGS

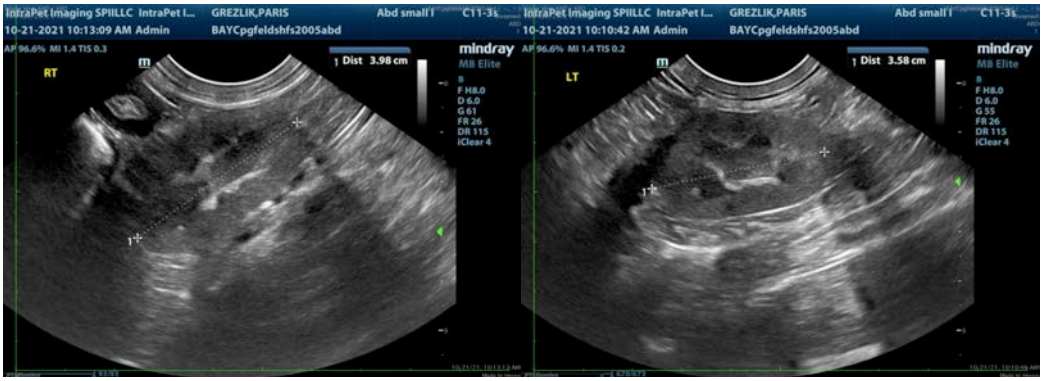
- Incidental benign liver cysts
- Marked diffuse small bowel muscularis thickening and diffuse mesenteric lymphadenopathy – This finding has been reported in cats with infiltrative bowel disease including both benign inflammatory disease as well as infiltrative neoplasia such as lymphoma. These images are most concerning for infiltrative neoplasia such as lymphoma.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommendations include gastrointestinal malabsorption panel including TLI, PLI, folate and cobalamin to Texas A&M GI laboratory as well as fine needle aspirate of the lymph nodes and potentially the small bowel muscularis if it can be reached and if patient's coagulation status is appropriate. If lymphoma is not obtained from fine needle aspirates, then recommendations would include full thickness small bowel biopsies, or endoscopic biopsies could be considered, being sure to include the ileum. If biopsies are not pursued, empirical therapy with a diet change to include novel and/or hydrolyzed protein diet, cobalamin supplementation, and empirical steroids could be considered. If this therapy does not work, additional treatment with Chlorambucil could also be considered.




IntraPet Imaging SPIILLC IntraPet I... GREZLIK,PARIS Abd small I C11-3s
10-21-2021 10:14:14 AM Admin BAYCpgfeldshfs2005abd
mindray MB Elite
MID
IntraPet Imaging SPIILLC IntraPet I... GREZLIK,PARIS Abd small I C11-3s
10-21-2021 10:12:32 AM Admin BAYCpgfeldshfs2005abd
mindray MB Elite
ICCJ
IntraPet Imaging SPIILLC IntraPet I... GREZLIK,PARIS linear ab L14-6Ns
10-21-2021 10:15:11 AM Admin BAYCpgfeldshfs2005abd
mindray MB Elite
MID
IntraPet Imaging SPIILLC IntraPet I... GREZLIK,PARIS linear ab L14-6Ns
10-21-2021 10:14:59 AM Admin BAYCpgfeldshfs2005abd
mindray MB Elite
MID
Dist 0.38 cm
Musculature
IntraPet Imaging SPIILLC IntraPet I... GREZLIK,PARIS Abd small I C11-3s
10-21-2021 10:08:12 AM Admin BAYCpgfeldshfs2005abd
mindray MB Elite
Liver
IntraPet Imaging SPIILLC IntraPet I... GREZLIK,PARIS Abd small I C11-3s
10-21-2021 10:08:01 AM Admin BAYCpgfeldshfs2005abd
mindray MB Elite
Liver
IntraPet Imaging SPIILLC IntraPet I... GREZLIK,PARIS Abd small I C11-3s
10-21-2021 10:13:30 AM Admin BAYCpgfeldshfs2005abd
mindray MB Elite
RT Adrenal
Dist 0.43 cm
IntraPet Imaging SPIILLC IntraPet I... GREZLIK,PARIS Abd small I C11-3s
10-21-2021 10:11:20 AM Admin BAYCpgfeldshfs2005abd
mindray MB Elite
LT Adrenal
Dist 0.39 cm



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