

PATIENT

Julie Astone

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

13 years

WEIGHT

14.8 #

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Lara Wiseman, DVM

HOSPITAL NAME

Boca Midtowne
Animal Hospital

REFERRING VET

Dr Boazman

INVOICE

303105

DATE

7/6/22

PRESENTING CLINICAL SIGNS

History: Diarrhea past 4 days.

Physical Examination: Grade 2/6 heart murmur.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: Abnormal fPL, elevated ALP activity.

Radiographic Findings: Mild hepatomegaly.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and echogenic appearance of the wall. Small amount of floating hyperechogenic sediment. No uroliths evident.

Normal trigone area, proximal urethra (0.2 cm), and iliac blood vessels.

Normal iliac lymph nodes (2 cm). Ureters not visualized.

Normal renal size (left 4 cm, right 4.2 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule

Reproductive System

N/A.

Adrenal Glands

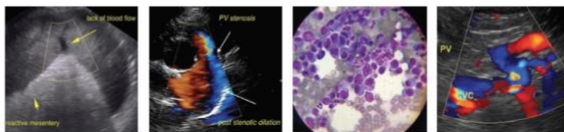
Normal shape, echogenic appearance, position, and size. Left 0.5 cm, right 0.44 cm.

Spleen

Normal size (0.9 cm) and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size with a diffuse increased echogenic appearance and some loss of portal markings. Two focal parenchymal cysts (0.4 and 1 cm). No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct (0.2 cm).



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Gastrointestinal

Normal appearance of the stomach, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen. Thickening of the duodenum (0.37 cm) and small intestine (0.47 cm) with no loss of layering or distension of the lumen.

Pancreas

Enlarged (1.1 cm) and irregular with a hypoechogenic appearance, especially the left lobe. Mild hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Mesenteric lymphadenomegaly (0.5 x 2.4 cm) with normal shape and echogenic appearance.

No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Pancreatitis.
- Hepatopathy.
- Enteropathy.
- Mesenteric lymphadenomegaly.

Secondary findings:

- Urinary bladder sediment.
- Hepatic cysts.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the pancreas is consisted with chronic pancreatitis.

Etiologies for the hepatopathy would be reactive, hyperplasia, vacuolar, cholangio-hepatitis complex, lipidosis, granulomatous disease, and infiltrative neoplasia.

Etiologies for the enteropathy would be inflammatory bowel disease, parasitic enteritis, granulomatous enteritis, and dietary hypersensitivity.

The most likely etiology for the mesenteric lymph nodes would be reactive with lymphadenitis and infiltrative neoplasia, less likely differential diagnoses.

Further assessment would be urine and fecal analysis, serum cobalamin assay, FNA cytology of the liver and mesenteric lymph nodes, and endoscopy of the upper GI tract with biopsies.

Specific therapy would be dependent on an etiological diagnosis. Supportive management would be feeding a novel protein/hypoallergenic diet, cobalamin supplementation, course of fenbendazole and/or metronidazole, ursodiol, and possibly prednisolone. be liver would be ursodiol.



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IMAGES

Pancreas



Liver



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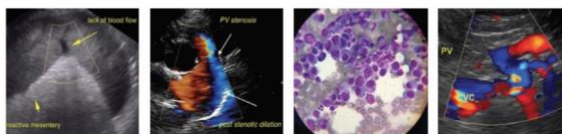
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Small intestine



Mesenteric lymph node



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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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
 rlobetti@mweb.co.za