

PATIENT

Riley Bloom

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

18 years

WEIGHT

11 #

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Lara Wiseman, DVM

HOSPITAL NAME

Heron Lakes Animal
Hospital

REFERRING VET

INVOICE

302588

DATE

10/7/21

PRESENTING CLINICAL SIGNS

History: Vomiting, hyporexia.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Normal trigone area, proximal urethra (0.18 cm) and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left kidney 3.5 cm, right 3.2 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule and pelvis.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.46 cm, right 0.43 cm.

Spleen

Normal size (0.8 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

Enlarged as a result of parenchymal masses with normal echogenic appearance and portal markings. Large mottled echogenic cystic masses (up to 4.1 x 3.1 cm). Small gall bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct (0.14 cm).



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Gastrointestinal

Normal appearance of the gastro-esophageal junction, stomach, pylorus, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering and normal wall thickness (duodenum 0.16 cm, jejunum 0.18 cm) and peristalsis, and no distension of the lumen.

Pancreas

Enlarged (right 1.1 cm) with an irregular and hypoechogenic appearance. Multiple parenchymal nodules with both hypo- and hyperechogenic appearance. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Focal mesenteric lymphadenomegaly (1 cm) with normal shape and echogenic appearance.

No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Nodular pancreatitis.
- Hepatic masses.
- Lymphadenomegaly

Secondary findings:

- Urinary bladder sediment.
- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the pancreas would be pancreatitis, neoplasia, and granulomatous disease.

Etiologies for the hepatic masses would be cystadenomas, primary neoplasia, granulomas, and abscessation.

Etiologies for the lymphadenomegaly would be reactive, lymphadenitis, and infiltrative neoplasia.

Although the urinary bladder sediment may be an incidental finding, cystitis (sterile, bacterial), crystalluria, and hemorrhage needs to be considered.

Further assessment would be urinalysis, CBC, serum biochemistry, fPL/PSL assay, and FNA cytology of the liver and pancreas.

Specific therapy would be dependent on an etiological diagnosis. Initial management would be fluid therapy as needed, anti-emetics (maropitant, metoclopramide), and opioid analgesics.



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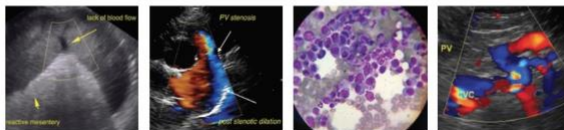
IMAGES

Urinary bladder



Liver





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Pancreas



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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)
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