



PATIENT PRESENTING CLINICAL SIGNS

Cooper Detmer History: Polydipsia with no polyuria. Elevated liver enzyme on wellness assessment – progressive mild elevation in liver enzyme activity. Difficult to medicate. Progressive PuPd.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: N/A.

Rat terrier Serum Biochemistry: Mildly elevated ALT and ALP activity.

Radiographic Findings: N/A.

SEX

MN

AGE

8 years

WEIGHT

19 #

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.6 cm), echogenic appearance, cortico-medullary differentiation, capsule, and pelvis.

Reproductive System

Small hypoechogenic prostate.

Adrenal Glands

Normal size, shape, position, and echogenic appearance.

Spleen

Normal size 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. No nodules or masses evident. Full gall bladder containing both adherent and non-adherent hyperechogenic sediment. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen. Ingesta within the small intestine.

IMAGING PERFORMED BY

Dr Jo Goodman

HOSPITAL NAME

Evendale Blue Ash Pet
Hospital

REFERRING VET

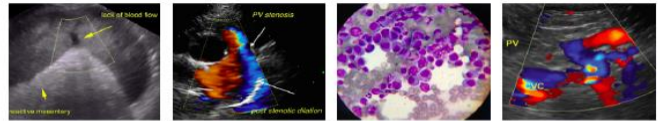
Dr Gogluizza

INVOICE

302639

DATE

11/16/21



PATIENT *Pancreas*

Cooper Detmer Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED

Rat terrier

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

SEX

- Hepatopathy.
- Gall bladder sediment

MN

AGE

Secondary Findings:

8 years

- None.

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be reactive, vacuolar, metabolic, chronic hepatitis, early cirrhosis, and early nodular regeneration, with infiltrative neoplasia a far less likely differential diagnosis.

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The appearance of the gall bladder is indicative of an emerging mucocele.

Further assessment would be urinalysis, possible urinary culture, and FNA cytology of the liver. Even though there is no adrenomegaly, with the history adrenal function testing (ACTH/low dose dexamethasone suppression test) should be considered.

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Specific therapy would be dependent on an etiological diagnosis. Ideal supportive therapy for the liver and gall bladder would be ursodiol.

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IMAGES

Liver



Gall bladder



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