



PATIENT PRESENTING CLINICAL SIGNS

Ramses Gidlund History: Kidney disease, new heart murmur

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline Urinary System

The urinary bladder is full, with a normal thickness and smooth appearance of the wall (measuring 0.20 cm). Normal anechoic urine with no sediment or uroliths evident.

BREED Normal appearance of the trigone area, proximal urethra (0.20 cm), and iliac blood vessels.

DSH Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

SEX Normal renal size (left kidney 3.70 cm) (right kidney 3.40 cm), with increased echogenic appearance, loss of cortico-medullary differentiation, and normal capsule. No infarcts or renoliths evident. Bilateral pyelectasia and pinpoint mineralization. The right renal pelvis measured 0.70 cm. The left renal pelvis measures 0.70 cm.

AGE Adrenal Glands

13 years Normal shape, echogenic appearance, size (left: 0.38 cm) (right 0.33 cm), position, and appearance of the visible peri-renal vasculature.

WEIGHT Spleen

9.7 lbs Normal size (0.50 cm) and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

INTERPRETED BY Liver

Lisa Bancroft Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

IMAGING Gallbladder

PERFORMED BY The gallbladder is small containing normal anechoic bile. Normal thickness and echogenic appearance of the wall (measuring 0.10 cm). Normal size and appearance of the cystic and common bile duct (0.30 cm).

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HOSPITAL NAME Gastrointestinal

Normal appearance of the stomach, ileo-cecal junction, and colon (0.16 cm) with no loss of layering, maintaining a 1:3 muscularis to mucosa ratio, with normal wall thickness and peristaltic activity. Ingesta within the stomach. Normal wall thickness and layering of the duodenum (0.21 cm), with a mild, corrugated appearance. Mild thickening of the small intestine, with no loss of layering, and still maintaining a 1:3 muscularis to mucosa ration, and no distension of the lumen. The wall of the stomach measured 0.23 cm. The jejunum measured 0.32 cm.

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REFERRING VET Pancreas

Cail Normal size (0.50 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

INVOICE Free Abdomen

Normal mesenteric lymph nodes.

13413 Small amount of ascites evident.

DATE

6.20.23



PATIENT

Ramses Gidlund

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- SPECIES**
- Renal disease. Small amount of perirenal fluid accumulation.
- Feline**
- Enteropathy
 - Ascites
- BREED**

DSH

Secondary Findings

- None

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the appearance of the kidneys would be chronic kidney disease, and in line with the history; with differential diagnoses being pyelonephritis, bacterial nephritis, and hypertensive nephropathy.

AGE

13 years

The enteropathy may have been an incidental finding, with differential diagnoses being nonspecific enteritis, emerging inflammatory bowel disease, dietary hypersensitivity and parasitic enteritis.

WEIGHT

9.7 lbs

The ascites can be ascribed to secondary to the cardiac disease, renal disease, or the enteropathy, and most likely an incidental finding.

INTERPRETED BY

Lisa Bancroft

Further assessment would be urinalysis, urine culture, UPC (if culture and sediment negative), and blood pressure. If there are compatible clinical signs of GIT disease, then fecal analysis and cobalamin assay should be considered, as well as a possible endoscopy of the upper GI tract, with biopsies.

Management of the renal disease would be feeding a renal diet, either an ACE inhibitor or ACE receptor blocker, and enteric phosphate binders, as needed.

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SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

13 years

WEIGHT

9.7 lbs



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.

INTERPRETED BY

Lisa Bancroft

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.

IMAGING PERFORMED BY

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