



PATIENT PRESENTING CLINICAL SIGNS

Sammie Keiner History: Renal disease with improving azotemia.

SPECIES Physical Examination: N/A.

Feline Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: Azotemia, elevated albumin.

Maine Coon Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

FS **Urinary System**

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

2 years

WEIGHT Normal trigone area, proximal urethra (0.3 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 3.9 cm, right 4.5 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

INTERPRETED BY **Reproductive System**

N/A.

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Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.35 cm, right 0.31 cm.

Spleen

Enlarged (1.4 cm) with normal echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident.

Gall bladder

Full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal bile duct (0.2 cm).

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304054

DATE

3/30/23

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Lake Emma Animal Hospital

REFERRING VET

Dr Hecker



PATIENT *Gastrointestinal*

Sammie Keiner Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.24 cm, duodenum 0.25 cm, jejunum 0.19 cm, colon 0.15 cm) and peristaltic activity, and no distension of the lumen.

SPECIES

Feline

Pancreas

Normal size (right 0.4 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

BREED

Maine Coon

Free Abdomen

Normal mesenteric lymph node (1.8 cm).
No ascites evident.

SEX

FS

Age

2 years

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Splenomegaly.

WEIGHT

Secondary Findings:

- Urinary bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the splenomegaly would be reactive, hyperplasia, splenitis, and infiltrative neoplasia.

Although the kidneys appear normal, resolving acute kidney injury, hypertensive nephropathy, and bacterial nephritis needs to be considered.

Further assessment would be urinalysis, urine culture, blood pressure, and FNA cytology of the spleen.

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Sammie Keiner

Spleen

SPECIES

Feline

BREED

Maine Coon

SEX

FS

Age

2 years

WEIGHT



Urinary bladder

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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.

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