



**PATIENT PRESENTING CLINICAL SIGNS**

Lily Witten History: Renal disease, pancreatitis, diabetes. On prednisolone for a year.

**SPECIES** Physical Examination: N/A.

Feline Urinalysis: N/A.

CBC: N/A.

**BREED** Serum Biochemistry: N/A.

DSH 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.

14 years Normal trigone area, proximal urethra (0.4 cm), and iliac blood vessels.

**WEIGHT** Normal iliac lymph nodes. Ureters not visualized.

10 # Normal renal size (left 3.8 cm, right 4 cm) with increased echogenic appearance, some loss cortico-medullary differentiation, and normal capsule. Normal right pelvis, left pyelectasia (0.2 cm). Bilateral cortical cysts up to 1.3 cm in size with some containing mineralized sediment.

**INTERPRETED BY**

Remo Lobetti, BVSc,  
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ECVIM

**Reproductive System**

N/A.

**IMAGING PERFORMED BY**

Sonya Myers, DVM

**Adrenal Glands**

Normal position, echogenic appearance, shape, and size. Left 0.34 cm, right 0.26 cm.

**HOSPITAL NAME**

**Spleen**

Lake Emma Animal Hospital

Enlarged (1.1 cm) with normal echogenic appearance. FNA taken with no obvious post aspirate hemorrhage evident. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**REFERRING VET**

Dr Groberg

**Liver**

**INVOICE** Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. Multiple hyperechogenic parenchymal cystic nodules up to 1.7 cm in size. FNA taken with no obvious post aspirate hemorrhage evident. No masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Thickened and hyperechogenic appearance of the gall bladder wall. Normal bile duct (0.1 cm).

303958

**DATE**

3/2/23



**PATIENT** *Gastrointestinal*

Lily Witten Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.38 cm, duodenum 0.25 cm, jejunum 0.2 cm, colon 0.15 cm) and peristaltic activity, and no distension of the lumen.

**SPECIES**

Feline

*Pancreas*

**BREED**

DSH

Enlarged (left 0.6 cm, right 1 cm) with a hyperechogenic appearance and irregular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SEX**

FS

Normal mesenteric lymph nodes (1.3 cm).  
No ascites evident.

**Age**

14 years

**ULTRASONOGRAPHIC FINDINGS**

**WEIGHT**

10 #

Primary Findings:

- Renal disease.
- Splenomegaly.
- Chronic pancreatitis.
- Hepatic cystic nodules.

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Secondary Findings:

- Gall and urinary bladder sediment.
- Previous cholecystitis.

**IMAGING PERFORMED BY**

Sonya Myers, DVM

**HOSPITAL NAME**

Lake Emma Animal Hospital

**REFERRING VET**

Dr Groberg

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The appearance of the kidneys is consistent with chronic kidney disease with bacterial nephritis and pyelonephritis, differential diagnoses.

Although the splenomegaly may be an incidental finding, reactive hyperplasia, splenitis, and infiltrative neoplasia needs to be considered.

The appearance of the pancreas is consistent with chronic pancreatitis with fibrosis a differential diagnosis.

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The hepatic nodules are most likely benign cystadenomas.

Further assessment needs to be based pending cytology results but could include urine analysis, urine culture, fPL/PSL assay, CBC, and renal function (SDMA, urea, creatinine).

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Specific therapy would be dependent on an etiological diagnosis.



**PATIENT**      **IMAGES**  
 Lily Witten      **Left kidney**

**SPECIES**

Feline

**BREED**

DSH

**SEX**

FS

**Age**

14 years

**WEIGHT**

10 #

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**PATIENT** Pancreas

Lily Witten

**SPECIES**

Feline

**BREED**

DSH

**SEX**

FS

**Age**

14 years

**WEIGHT**

10 #



**Liver**

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**PATIENT** Gall bladder

Lily Witten

**SPECIES**

Feline

**BREED**

DSH

**SEX**

FS

**Age**

14 years

**WEIGHT**

10 #



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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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