

**PATIENT**

Lady Shulman

**SPECIES**

Feline

**BREED**

DSH

**SEX**

FS

**AGE**

13 years

**WEIGHT**

#

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Lara Wiseman, DVM

**HOSPITAL NAME**

Calusa Veterinary  
Center

**REFERRING VET**

**INVOICE**

302597

**DATE**

10/11/21

**PRESENTING CLINICAL SIGNS**

History: Acute onset anorexia.

Physical Examination: Dehydrated.

Urinalysis: N/A.

CBC: Initially lymphocytosis which seems to have resolved.

Serum Biochemistry: Elevated ALP activity.

Radiographic Findings: Pulmonary nodule.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

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

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

Enlarged iliac lymph nodes (1.6 x 0.4 cm) with normal shape and echogenic appearance. Ureters not visualized.

Normal renal size (left 3.9 cm, right 4 cm) with increased echogenic appearance, loss of cortico-medullary differentiation, and normal capsule and pelvis.

**Reproductive System**

N/A.

**Adrenal Glands**

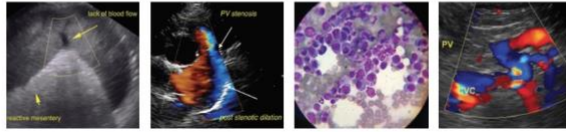
Normal shape, echogenic appearance, size, and position. Left 0.43 cm, right 0.49 cm.

**Spleen**

Enlarged (1.1 cm) with a diffuse increased 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, echogenic appearance, and portal markings. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct (0.11 cm).



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**Gastrointestinal**

Normal appearance of the stomach, pylorus, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering and normal wall thickness (duodenum 0.25 cm, jejunum 0.22 cm) and peristalsis, and no distension of the lumen.

**Pancreas**

Normal size (right 0.6 and 0.7 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**Free Abdomen**

No mesenteric lymphadenomegaly.  
No ascites.

**ULTRASONOGRAPHIC FINDINGS**

Primary findings:

- Splenomegaly.
- Iliac lymphadenomegaly.

Secondary findings:

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

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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

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

Although the appearance of the kidneys may merely be age-related changes, chronic kidney disease and nephritis should be considered.

Further assessment would be urinalysis, renal function (urea, creatinine, SDMA) and FNA cytology of the spleen and lymph nodes.

Specific therapy would be dependent on an etiological diagnosis.



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**IMAGES**

**Spleen**



**Iliac lymph node**



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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)  
 rlobetti@mweb.co.za