



**PATIENT**

Scarlett Seifer

**SPECIES**

Canine

**BREED**

Standard Poodle

**SEX**

Spayed female

**AGE**

5 years

**WEIGHT**

25.5 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Dr. DeCordon

**HOSPITAL NAME**

Mason Dixon Animal  
Emergency Hospital

**REFERRING VET**

Dr. DeCordon

**INVOICE**

31619

**DATE**

7/12/22

**PRESENTING CLINICAL SIGNS**

History: Lost 9 lbs per O last 2 weeks lethargic at home, laying around a lot. appetite is decreased, no v/d+ drinking very little water. Blood work from rDVM Mon--azotemia and elevated ALT and ALP 4dx--negative per owner

Abnormal PE/Chem/CBC/UA Results: elevated ALT and ALP Negative 4DX

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.65 cm. The right kidney measured 7.42 cm.

**Adrenal Glands**

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.6 cm.

**Spleen**

The **spleen** revealed hypoechoic masses that measured 2.5 cm at the cranial body. A separate mass measured 5.0 cm at the caudal body. Other nodular changes were also noted. The masses are parenchymal suggestive for round cell neoplasia.

**Liver**

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.



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**Gastrointestinal**

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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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**Pancreas**

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**SEX**

Spayed female

**ULTRASONOGRAPHIC FINDINGS**

Splenic masses, appear isolated.

**AGE**

5 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The splenic masses are suggestive for round cell neoplasia. Chest radiographs and exploratory surgery with splenectomy, liver inspection and biopsy are recommended to rule out micrometastasis.

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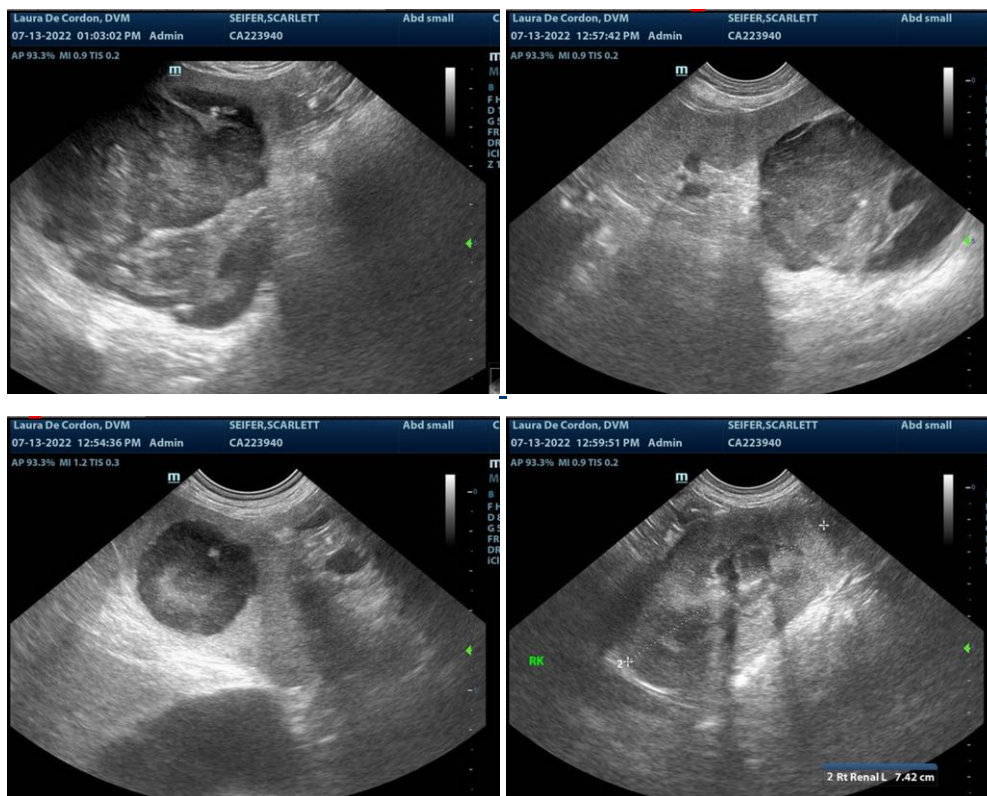
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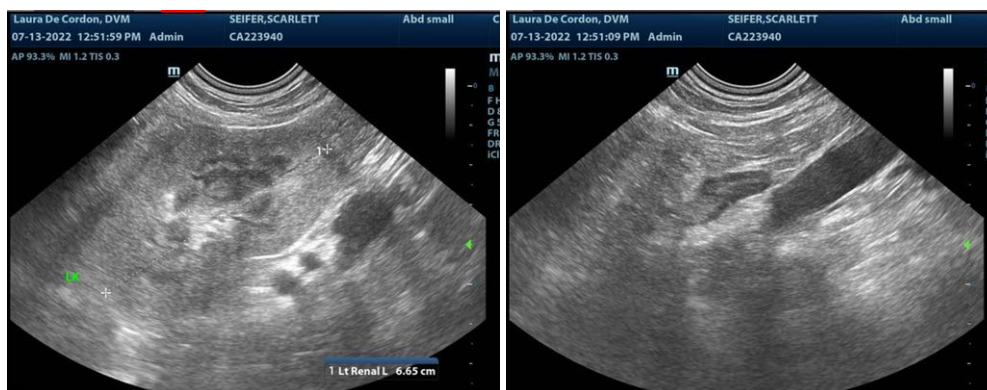
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Eric Lindquist**, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
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