



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Annie Dieker	History: Chronically ALP 369 vs 284
<b>SPECIES</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Canine	<b>Urinary System</b>
<b>BREED</b>	The urinary bladder is full with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.
Yorkshire Terrier Mix	Normal appearance of the trigone area, proximal urethra (measuring 0.50 cm), and iliac blood vessels.
<b>SEX</b>	Normal appearance and size of the iliac lymph nodes (one of which measures 1.20 cm). Ureters not visualized, which can be considered a normal finding.
Female Spayed	
<b>AGE</b>	Normal renal size (left kidney 4.30 cm) (right kidney 4.60 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. Small renoliths or mineralizations present in both kidneys (measuring up to 0.20 cm). No infarcts present.
11 years	
<b>WEIGHT</b>	<b>Adrenal Glands</b>
17 lbs	Normal shape, echogenic appearance, size (left 0.58 x 0.54 cm) (right, 0.59 x 0.54 cm), position, and appearance of the visible peri-renal vasculature.
<b>INTERPRETED BY</b>	<b>Spleen</b>
Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM	Normal size (measuring 1.20 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.
<b>IMAGING PERFORMED BY</b>	<b>Liver</b>
Sonya Myers DVM	Enlarged with rounded edges, diffuse increased echogenic appearance, some loss of portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature. FNA taken with no obvious post-aspirate hemorrhage evident.
<b>HOSPITAL NAME</b>	<b>Gallbladder</b>
Lake Emma AH	The gallbladder is full containing moderate amount of adhered and non-adhered hyperechoic sediment. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct (measuring 0.20 cm).
<b>REFERRING VET</b>	<b>Gastrointestinal</b>
Groberg	Normal appearance of the stomach (measuring 0.45 cm), duodenum (measuring 0.41 cm), jejunum (measuring 0.35 cm) small intestine, ileo-cecal junction, and colon (measuring 1.80 cm) with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.
<b>INVOICE</b>	<b>Pancreas</b>
14072	Normal size (left measuring 1.10 cm / right measuring 1.10 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.
<b>DATE</b>	<b>Free Abdomen</b>
8.12.23	Normal mesenteric lymph nodes (one of which measures 0.90 cm).  No ascites evident.



**PATIENT**      **ULTRASONOGRAPHIC FINDINGS**

Annie Dieker

- Hepatopathy

**SPECIES**

- Gall bladder sediment

Canine

- Renal mineralization

**BREED**

Yorkshire Terrier Mix

**SEX**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Etiologies for the hepatopathy would be reactive, hyperplasia, vacuolar, metabolic, and chronic hepatitis with infiltrative neoplasia a less likely differential diagnosis.

Female Spayed

Further assessment needs to be based on the pending cytology results. However, a Tru-cut or wedge biopsy of the liver may be required for a final etiological diagnosis.

**AGE**

11 years

Specific therapy would be dependent on an etiological diagnosis.

**WEIGHT**

17 lbs

Symptomatic management of the liver and gallbladder would be Ursodiol.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Sonya Myers DVM

**HOSPITAL NAME**

Lake Emma AH

**REFERRING VET**

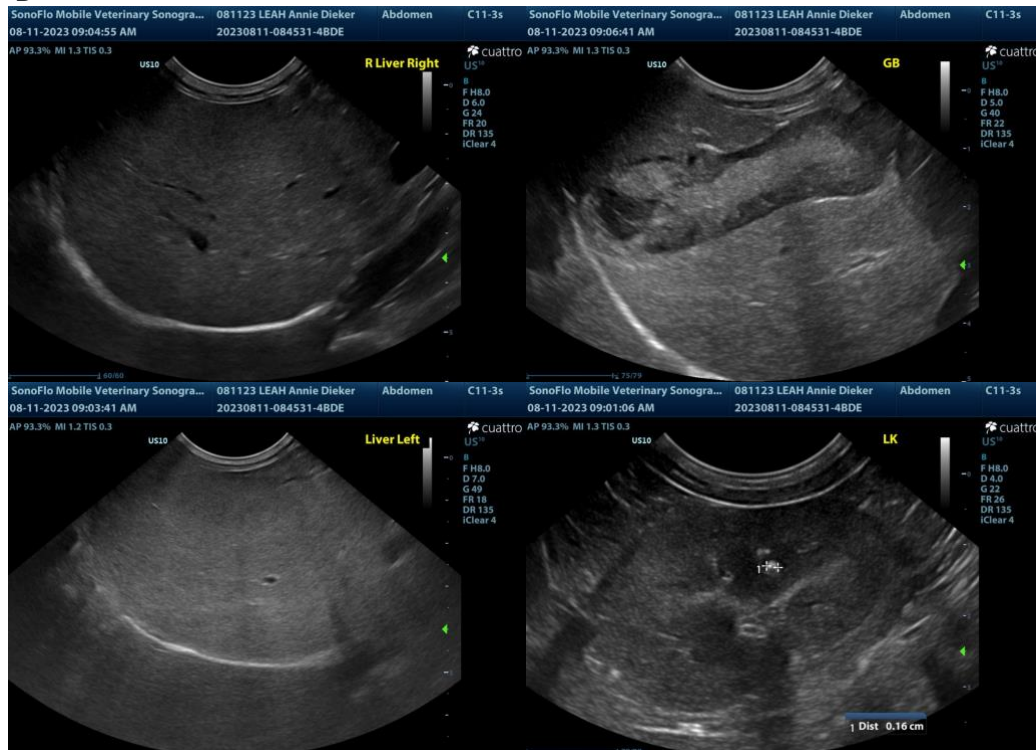
Groberg

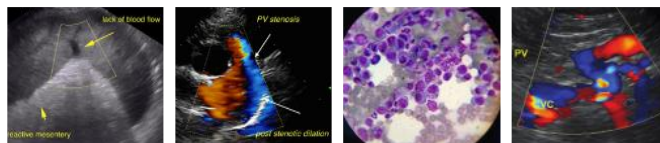
**INVOICE**

14072

**DATE**

8.12.23





**PATIENT**

Annie Dieker

**SPECIES**

Canine

**BREED**

Yorkshire Terrier Mix

**SEX**

Female Spayed

**AGE**

11 years

**WEIGHT**

17 lbs

**INTERPRETED BY**

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**IMAGING PERFORMED BY**

Sonya Myers DVM

**HOSPITAL NAME**

Lake Emma AH

**REFERRING VET**

Groberg

**INVOICE**

14072

**DATE**

8.12.23



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)  
info@sonopath.com