


**PATIENT PRESENTING CLINICAL SIGNS**

Lily Stone History: Asymptomatic elevated ALP activity.

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

Canine Urinalysis: N/A.

CBC: N/A.

**BREED** Serum Biochemistry: Elevated ALP activity.

Yorkshire terrier 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.

8 years

**WEIGHT** Normal trigone area, proximal urethra (0.4 cm) and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4 cm, right 4.7 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

**INTERPRETED BY**
**Reproductive System**

N/A.

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**Adrenal Glands**

Normal position, echogenic appearance, shape, and size. Left 0.62/0.47 cm, right 0.55/0.5 cm.

**Spleen**

Normal size (2.1 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

**Liver**

Normal size with a hyperechogenic and nodular appearance, some loss of portal markings, and regular curvilinear capsule. Nodules are hypoechogenic, parenchymal, and up to 0.8 x 1 cm in size. No masses evident. FNA taken with no obvious post aspirate hemorrhage.

**Gall bladder**

Full containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal bile duct (0.2 cm).

**IMAGING PERFORMED BY**

Sonya Myers, DVM

**HOSPITAL NAME**

Banfield Altamonte Springs

**REFERRING VET**

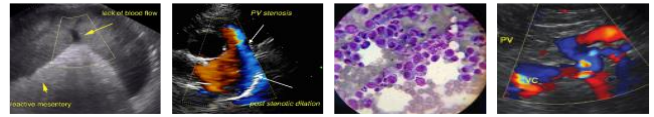
Dr Martinez

**INVOICE**

304096

**DATE**

4/8/23



**PATIENT** *Gastrointestinal*

Lily Stone Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.38 cm, jejunum 0.38 cm, colon 0.14 cm) and peristalsis, and no distension of the lumen.

**SPECIES**

Canine *Pancreas*

Normal size (left 1 cm, right 1 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**BREED**

Yorkshire terrier *Free Abdomen*

**SEX** Mesenteric lymphadenomegaly (0.6 x 2.1 cm) with normal shape and echogenic appearance. No ascites evident.

FS

**Age**

8 years

**WEIGHT**

**ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

- Nodular hepatopathy.
- Mesenteric lymphadenomegaly.

Secondary Findings:

- Gall and urinary bladder sediment.
- Age-related renal changes.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Etiologies for the hepatopathy would be reactive, nodular hyperplasia, vacuolar, chronic hepatitis, granulomatous hepatitis, and infiltrative neoplasia.

The most likely etiology for the lymph nodes would be reactive.

Further assessment needs to be based on the pending cytology results but may require a Tru-Cut/wedge biopsy of the liver for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic therapy would be ursodiol.

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**PATIENT IMAGES**

Lily Stone **Liver**

**SPECIES**

Canine

**BREED**

Yorkshire terrier

**SEX**

FS

**Age**

8 years

**WEIGHT**

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**PATIENT**

**Mesenteric lymph node**

Lily Stone

**SPECIES**

Canine

**BREED**

Yorkshire terrier

**SEX**

FS

**Age**

8 years

**WEIGHT**



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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)**  
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