

**PATIENT PRESENTING CLINICAL SIGNS**

Molly Carringer

History: Elevated liver enzyme activity. Cushing's disease ruled out.

SPECIES

Physical Examination: N/A.

Canine

Urinalysis: N/A.

BREED

CBC: N/A.

Beagle

Serum Biochemistry: Elevated liver enzyme activity.

Radiographic Findings: N/A.

SEX**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

FS

Urinary System**Age**

12 years

Full urinary bladder with a normal thickness and appearance of the wall. Focal hypoechogenic mural mass (0.6 x 1.3 cm) on the dorsal wall. Normal anechoic urine with no sediment or uroliths evident.

WEIGHT

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

Normal iliac lymph nodes (1.4 cm). Ureters not visualized.

INTERPRETED BY

Normal renal size (left 5.1 cm, right 5.3 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

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

N/A.

IMAGING PERFORMED BY**Adrenal Glands**

Sonya Myers, DVM

Normal position, echogenic appearance, shape, and size. Left 0.56/0.6 cm, right 0.53/0.44 cm.

HOSPITAL NAME**Spleen**Lake Emma Animal
Hospital

Enlarged size (2.3 cm) with a mottled echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

REFERRING VET**Liver**

Dr Hecker

Enlarged with rounded edges, mottled echogenic and nodular appearance, some loss of portal markings, and regular curvilinear capsule. Nodules are hypoechogenic, parenchymal, and up to 0.6 cm in size. No masses evident. Full gall bladder containing moderate amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.2 cm).

INVOICE

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DATE

11/3/22


PATIENT *Gastrointestinal*

Molly Carringer

Normal appearance of the stomach, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.45 cm) and peristaltic activity, and no distension of the lumen. Segmental thickening of the duodenum (0.53 cm) and small intestine (0.53 cm) with a prominent hypoechogenic appearance of the submucosal layer but with no loss of layering or distension of the lumen. Moderate amount of ingesta within the stomach.

SPECIES

Canine

BREED *Pancreas*

Beagle

Normal size and (right 1.3 cm) with a diffuse hyperechogenic appearance and an irregular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SEX *Free Abdomen*

FS

Normal mesenteric lymph nodes (1.1 cm).

Age

No ascites.

12 years

ULTRASONOGRAPHIC FINDINGS
WEIGHT

Primary Findings:

- Nodular hepatopathy.
- Enteropathy.
- Chronic pancreatitis.
- Splenic pathology.

INTERPRETED BY

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Secondary Findings:

- Urinary bladder nodule.
- Gall bladder sediment.

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Lake Emma Animal
Hospital

REFERRING VET

Dr Hecker

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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

Etiologies for the enteropathy would be non-specific enteritis, parasitic, inflammatory bowel disease, and dietary hypersensitivity with emerging neoplasia a less likely diagnosis.

The appearance of the pancreas is consistent with pancreatitis.

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

INVOICE

Etiologies for the urinary bladder nodule would be granuloma, hematoma and neoplasia.

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Further assessment would be fecal analysis, cPL/PSL assay, FNA cytology of the liver and spleen, and endoscopy of the upper GI tract with biopsies.

DATE

Specific therapy would be dependent on an etiological diagnosis. Systematic management of the liver and gall bladder would be ursodiol.

11/3/22



PATIENT

Molly Carringer

SPECIES

Canine

BREED

Beagle

SEX

FS

Age

12 years

WEIGHT

IMAGES

Liver



Gall bladder



INTERPRETED BY

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IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

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PATIENT Spleen

Molly Carringer

SPECIES

Canine

BREED

Beagle

SEX

FS

Age

12 years

WEIGHT



Pancreas

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PATIENT Small intestine

Molly Carringer

SPECIES

Canine

BREED

Beagle

SEX

FS

Age

12 years

WEIGHT



Urinary bladder

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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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