

PATIENT

Gracie Smith

SPECIES

Canine

BREED

Havanese

SEX

FS

AGE

12 years

WEIGHT

11.4 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Lara Wiseman, DVM

HOSPITAL NAME

Heron Lakes Animal
Hospital

REFERRING VET

Dr Lera

INVOICE

304130

DATE

4/17/23

PRESENTING CLINICAL SIGNS

History: Previous ultrasound (2/16) showed nodular hepatopathy. Diagnosed with GI lymphoma.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 3.3 cm, right 3.9 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

N/A.

Adrenal Glands

Normal echogenic appearance and position. Mildly flattened shape and size at the lower end of normal. Left 0.32 cm, right 0.36 cm.

Spleen

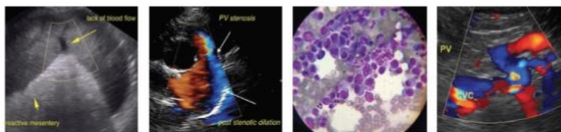
Normal size (0.7 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

Liver

Enlarged with rounded edges, hyperechogenic and nodular appearance, some loss of portal markings, and regular curvilinear capsule. Nodules are small, hypoechogenic, and parenchymal. No masses evident. FNA taken.

Gall bladder

Full containing moderate amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal bile duct.



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Gastrointestinal

Normal appearance of the gastro-esophageal junction, stomach, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen. Mild thickening of the duodenum (0.36 cm, jejunum 0.38cm) with no loss of layering, segmental mucosal stippling, and segmental mild fluid dilation with ileus.

Pancreas

Normal size (1.2 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.
Hyperechogenic appearance of the mesentery.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Nodular hepatopathy.
- Enteropathy.
- Hyperechogenic mesentery.
- Small adrenal glands.

Secondary findings:

- Gall bladder sediment.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS IMAGES

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

The appearance of the small intestine would be in line with diagnosis of lymphoma and could account for the mesenteric inflammation.

The appearance of the adrenal glands is most likely an incidental finding.

Further assessment/therapy needs to be based on the pending cytology results and current management.



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IMAGES

Liver



Small intestine



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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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