



PATIENT

Molly Herbert

SPECIES

Canine

BREED

Basset

SEX

FS

AGE

13 years

WEIGHT

50 #

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Lara Wiseman, DVM

HOSPITAL NAME

Coral Breeze Animal
Hospital

REFERRING VET

Dr Faith

INVOICE

302893

DATE

4/8/22

PRESENTING CLINICAL SIGNS

History: Splenic mass.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: Splenomegaly.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal appearance and thickness of the wall. Normal anechoic urine with no sediment evident. Small urolith (0.4 cm).

Normal trigone area, proximal urethra (0.6 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 5.8, right 6.2 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule. No pyelectasia but mineralization of the pelvis – left 0.23 cm, right 0.36 cm.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 0.57 cm, right 0.51 cm.

Spleen

Normal size (1.6 cm) and echogenic appearance. Smooth homogenous parenchyma, curvi-linear capsule, and normal vasculature. Hyperechogenic solid parenchymal mass (2.6 x 2.7 cm) in the head of the spleen with resultant bulging of the overlying capsule. Small hypoechoic parenchymal nodule (0.6 cm) in the body of the spleen.

Liver

Normal size, echogenic appearance and portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.2 cm).



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Gastrointestinal

Normal appearance of the gastro-esophageal junction, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.22 cm, duodenum 0.51 cm, jejunum 0.3 cm) and peristalsis, and no distension of the lumen.

Pancreas

Normal size (right 1.3 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

Thorax

Normal appearance of the heart.
No pericardial or pleural effusion

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ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Splenic mass and nodule.

Secondary findings:

- Urolith.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the splenic mass and nodule would be neoplasia (sarcoma) with granulomas and organized hematomas, differential diagnoses.

Further assessment would be urinalysis, 3-view thoracic radiographs, and FNA cytology of the splenic mass. Laparotomy should be considered, as it could be both diagnostic and therapeutic for the splenic pathology as well as allowing for removal of the urolith.

Specific therapy would be dependent on an etiological diagnosis.

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IMAGES

Spleen





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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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