



PATIENT PRESENTING CLINICAL SIGNS

Molly Colaneri History: AUS in June 2025 as workup for FUO found incidental splenic mass (6 cm) hepatomegaly, intestines mildly thickened.

SPECIES Abnormal PE/Chem/CBC/UA Results: WBC 20.2 bun-34 alt-145 UA ph-5.5 sg-1.024

Canine **ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

BREED *Urinary System*

W Highland Terrier The urinary bladder and visible portion of the pelvic urethra are normal for the degree of luminal distension. The urine is anechoic with no evidence of debris. Cystic calculi and discrete masses are not observed. The region of the trigone is normal.

SEX

Female Spayed The left kidney is normal in size (4.40 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. Trace pyelectasia is present (0.13 cm in the transverse plane). There is no evidence of nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE

12

The right kidney is normal in size (4.09 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

15.5 lbs

Adrenal Glands

INTERPRETED BY

Andrea Nicastro DVM
 Diplomate ACVIM
 (Sm Animal Internal Med)

The left adrenal gland is normal in size (0.47 cm at cranial pole) (0.57 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal in size (0.61 cm at cranial pole) (0.33 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Kerri Becker

Spleen

An approximately 4.1 cm heterogenous, slightly-cavitated, expansile mass is arising from the parenchyma. In the remainder of the spleen, margins are curvilinear, and the parenchyma is homogenous. Splenic vasculature apps normal, with no obvious evidence of thrombosis. no obvious evidence of thrombosis.

HOSPITAL NAME

Millburn VH

Liver

The liver is normal to prominent-in-size with smooth peripheral contours. The parenchyma is hypoechoic relative to the spleen and subtly mottled in appearance. No distinct focal lesions are observed. Hepatic vasculature and intrahepatic biliary tracts are of normal volume with no evidence of congestion

REFERRING VET

Dr. Mosquera

The gallbladder lumen is moderately distended. The wall is thin and smooth. A small-to-moderate amount of aggregated, gravity-dependent, debris/sludge is observed within the lumen. The cystic and common bile ducts are normal/not seen.

INVOICE

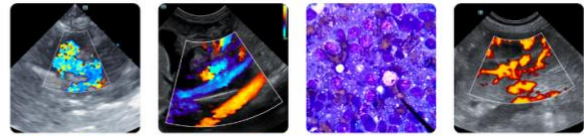
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Gastrointestinal

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12-4-25

The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.



PATIENT *Pancreas*

Molly Colaneri

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

SPECIES *Lymph Nodes*

Canine

The abdominal lymph nodes are normal/not visible.

BREED

Free Abdomen

There is no obvious evidence of free fluid.

W Highland Terrier

Other

A brief echocardiogram reveals no obvious evidence of right atrial or auricular mass. There is no obvious evidence of pericardial effusion.

SEX

Female Spayed

ULTRASONOGRAPHIC FINDINGS

AGE

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Primary Findings

- Splenic mass (previously observed). Neoplasia (i.e., round cell tumor, sarcoma) is suspected, with a lower possibility of a benign process (i.e., lymphoid hyperplasia or similar). The mass seems to be similar compared to previously described size.
- Equivocal hepatomegaly

WEIGHT

15.5 lbs

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 Diplomate ACVIM
 (Sm Animal Internal Med)

Secondary Findings

- Mild bilateral nonspecific age-related renal changes with trace left pyelectasia

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Kerri Becker

- Three-view thoracic radiographs are recommended to assess for pulmonary metastases.
- Consider fine-needle aspiration of the splenic mass (assuming normal clotting status). A 25-gauge needle should be used. Alternatively, consider a splenectomy with submission of the spleen for histopathology. If surgery is pursued, liver biopsies should also be obtained to assess for micrometastatic disease. If surgery is not pursued, consider serial sonographic monitoring (i.e., every 3 months) of the spleen to assess for growth of the mass.

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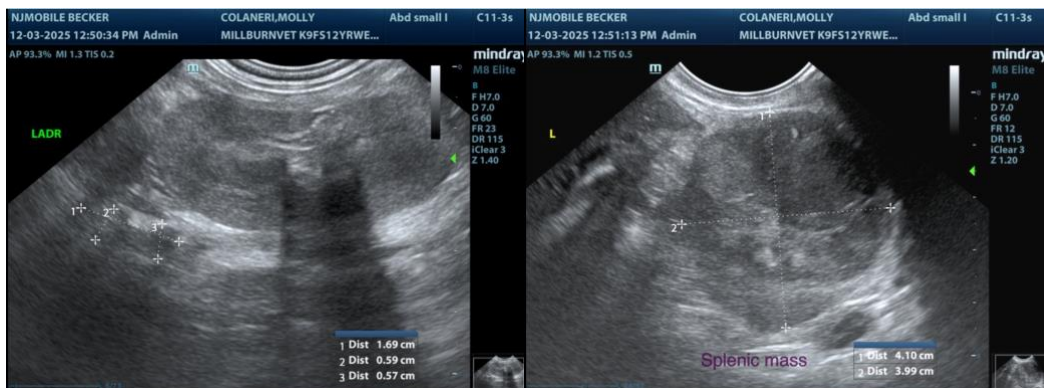
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PATIENT

Molly Colaneri

SPECIES

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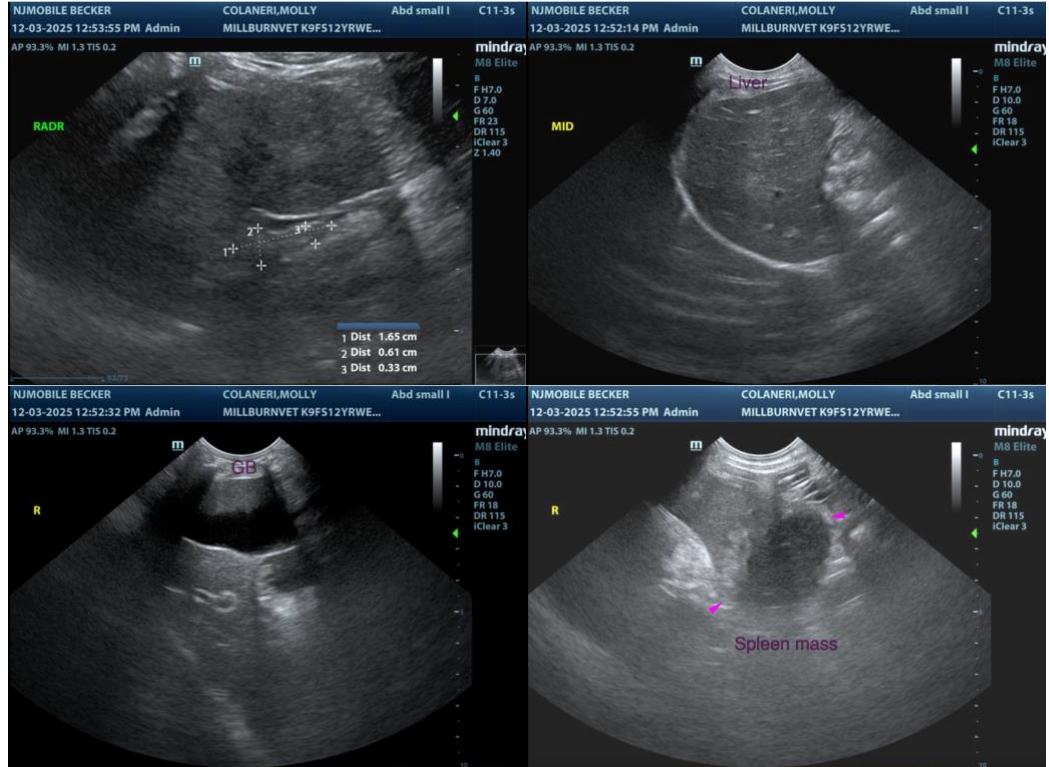
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com