



PATIENT

Mollie Barker

SPECIES

Canine

BREED

Border Collie

SEX

Spayed female

AGE

12 years

WEIGHT

42 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Danielle Shemanski,
DVM, MA

HOSPITAL NAME

Western New York
Veterinary Service

REFERRING VET

Dr. Brenda Lefler

INVOICE

71536

DATE

2/12/26

PRESENTING CLINICAL SIGNS

- RDVM REASON FOR REFERRAL: Recheck to investigate dilute urine, recent history of urinary tract infections (UTIs), and kidney issues.
- Hx: Mollie is a nearly 13-year-old Border Collie. O is very data-driven and provided extensive records. The current issues seem to have started or worsened around January with two UTIs.
- Diet: Hill's k/d, blueberries, a tablespoon of pumpkin, and Nordic Naturals Omega-3 supplement.
- Recent hx of UTIs:
- 11/1/25: Dx'ed with a bladder infection based on blood and >50 WBCs in urine. No casts detected.
- 1/9/26: Dx'ed with another UTI. Urinalysis showed blood/hemoglobin 3+, WBCs at 16. Hyaline casts were not detected, but non-hyaline casts had "suspect presence".
- After the first UTI in January, owner did not bring her back for a recheck as she had in the past.
- About 3 weeks later, signs of UTI returned.
- During the second course of antibiotics, owner noted a couple of episodes of incontinence while eating. Owner also felt the second antibiotic was not as effective and was very bitter, making it difficult to administer.
- 2/4/26: UA showed hyaline casts >1.
- 2/10/26: Urine protein was 1+. O reports no history of urinary stones.
- No vomiting or diarrhea. Appetite is excellent. She is active, jumping, and running around.
- RECTAL EXAM was performed by Dr. Shemanski in exam room based on image findings of suspicious lymph nodes and a firm 1.5-2cm irregular mass was palpated at the right anal gland.
- MEDICATIONS: Nordic Naturals, Omega 3 supplement
- Urinalysis Blood/ Hemoglobin 3+ Ery/uL White Blood Cells 16 / HPF Bacteria, Rods present MCV 61.4 fL Plateletcrit 0.54 % Amylase 2,474 U/L Lipase 2,753 U/L

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Enlarged iliac lymph nodes measuring up to 1.2 x 1.7 cm in size with a rounded shape and hypoechoic appearance. FNA was taken of the lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left measured 5.3 cm, right measured 5.8 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident. Normal color flow pattern is evident in both kidneys.



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Adrenal Glands

The adrenal glands are normal in shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 2.6 cm in length x 0.56 cm and 0.59 cm in width. Right adrenal gland measured 2.7 cm in length 0.48 cm and 0.51 cm in width

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident. The spleen measured 2.4 cm in width.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

Gallbladder

The gallbladder is full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

Pancreas

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.



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Thorax

Mollie Barker

Normal appearance of the heart. No pericardial or pleural effusion evident.

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ULTRASONOGRAPHIC FINDINGS

- Iliac lymphadenomegaly.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

With the presence of an anal sac mass the most likely diagnosis for the iliac lymphadenomegaly would be metastatic neoplasia.

Spayed female

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

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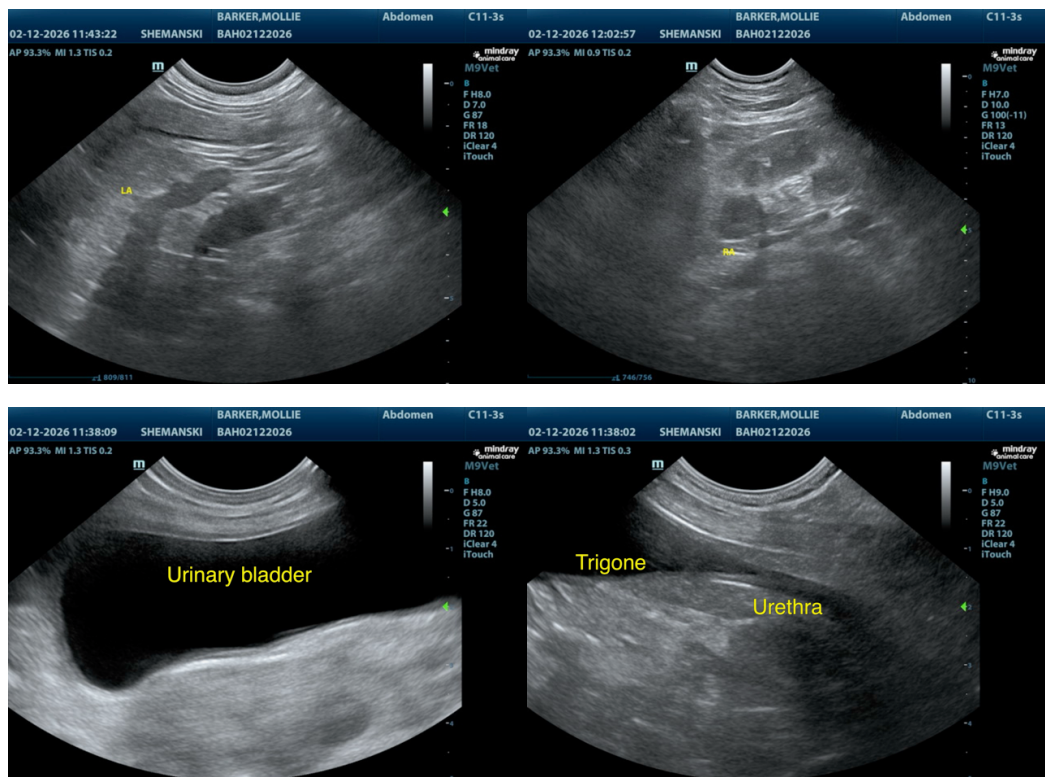
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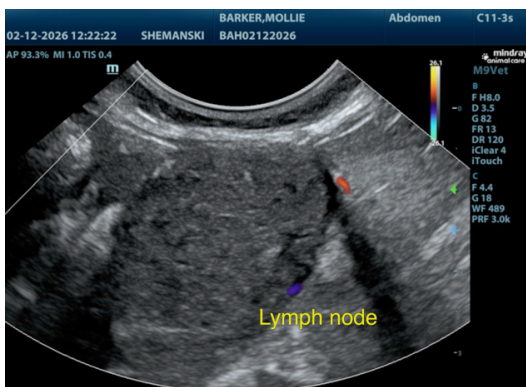
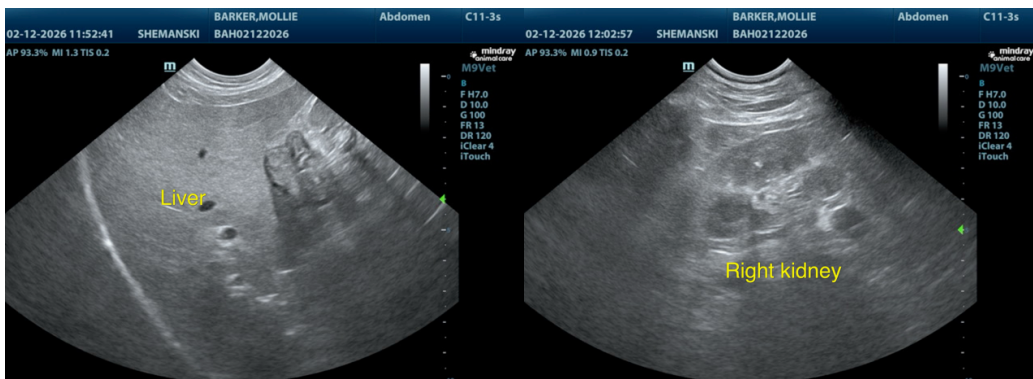
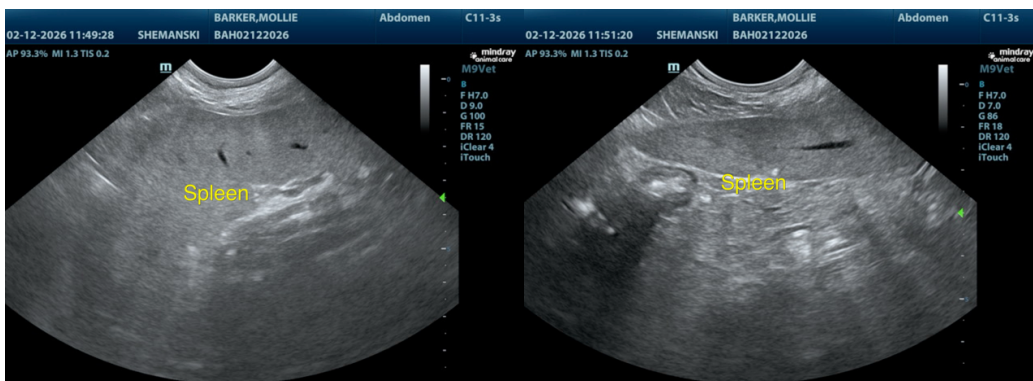
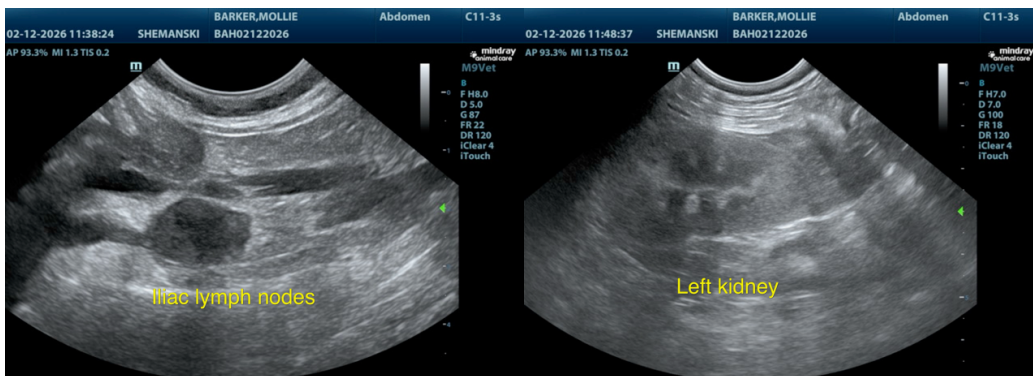
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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