



PATIENT

Liberty McDonald

SPECIES

Canine

BREED

German Shepherd

SEX

Spayed female

AGE

8 years

WEIGHT

67 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. Shemanski, DVM,
MA

INVOICE

73714

DATE

3/23/26

PRESENTING CLINICAL SIGNS

- RDVM REASON FOR REFERRAL: Liberty has been intermittently lethargic with a poor appetite. She will have a few days of feeling bad and then feel good for a few weeks, and then a few days of feeling bad and then feeling good for a few weeks. She has a history of being Anaplasma positive but is negative today. She has been treated in the past with doxycycline for that.
- CLINICAL SIGNS: Intermittently lethargic with poor appetite. Weight loss
- MEDICATIONS: Denamarin Tablets (425 mg/35 mg) not on currently. Apoquel 16mg 1 tab SID not on currently
- CBC: - Hematocrit: 19.8% - MCV: 50.2 fL - Reticulocytes: 73.1 thousand/uL (non-regenerative anemia) - Reticulocyte HGB: 18.4 pg (low) - Neutrophils: 13.86 thousand/uL (slightly elevated) - Lymphocytes: 0.96 thousand/uL (low) - Monocytes: 1.71 thousand/uL (high) - Nucleated Red Blood Cells: Present - Platelets: 48,000/uL (low) Chemistry panel: Within normal range. Two-view chest x-rays show metastatic lesions in the chest (several small nodules).

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is small 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.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal left renal size (7.6 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.

Enlarged right kidney measuring 10.1 cm as a result of early hydronephrosis.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 2.62 cm in length x 0.72 cm and 0.71 cm in width. The right adrenal gland measured 2.86 cm in length x 0.6 cm and 0.56 cm in width.

Spleen

The spleen revealed multiple, mottled echogenic, irregular masses with the largest measuring up to 9.0 x 10.0 cm in size.



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Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. Few, irregular, mottled echogenic parenchymal nodules measuring up to 1.4 x 2.4 cm in size. No masses evident.

Normal appearance of the hepatic and portal vasculature.

Gallbladder

The gallbladder is full containing a small amount of non-adhered, hyperechogenic sediment. 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

Lymphadenomegaly in the caudal abdomen measuring 2.1 x 2.8 cm in size with a rounded shape and hypoechogenic appearance.

The rest of the mesenteric lymph nodes appear to be of normal size and shape.

A moderate amount of cellular ascites is present.

Thorax

Normal appearance of the heart with no obvious right atrial or right auricle masses. No pericardial or pleural effusion evident.

ULTRASONOGRAPHIC FINDINGS

- Splenic masses.
- Hepatic nodules.
- Ascites.
- Lymphadenomegaly.



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- Right-sided hydronephrosis.
- Gallbladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the splenic masses, hepatic nodules, and lymphadenomegaly would be metastatic neoplasia such as hemangiosarcoma.

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Although the right-sided hydronephrosis may be an incidental finding, metastatic involvement of the right ureter or compression of the right ureter is highly likely.

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The ascites would be compatible with hemoabdomen.

The gallbladder sediment can be considered an incidental finding.

At this point in time palliative therapy would be indicated.

AGE

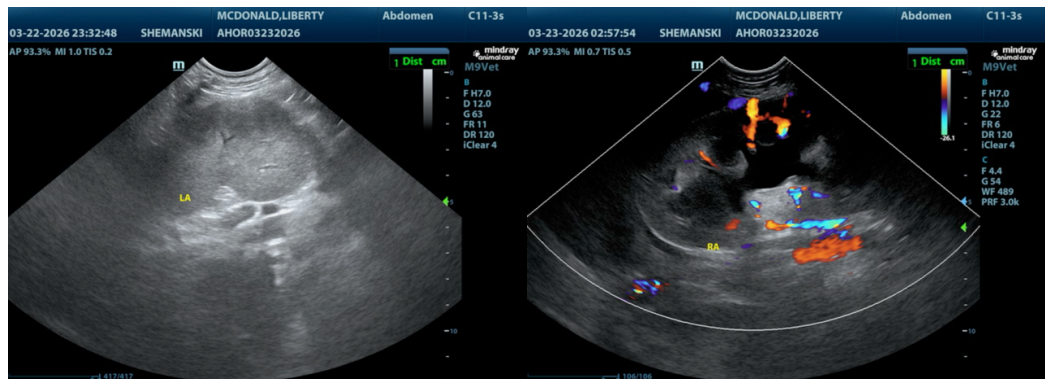
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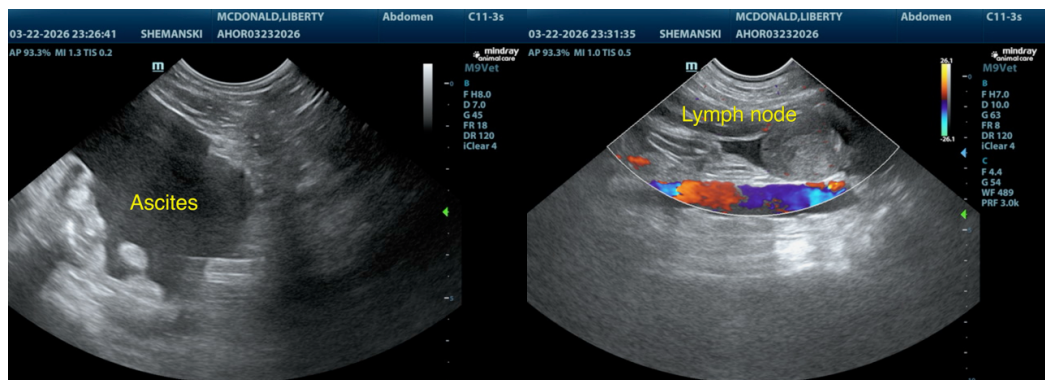
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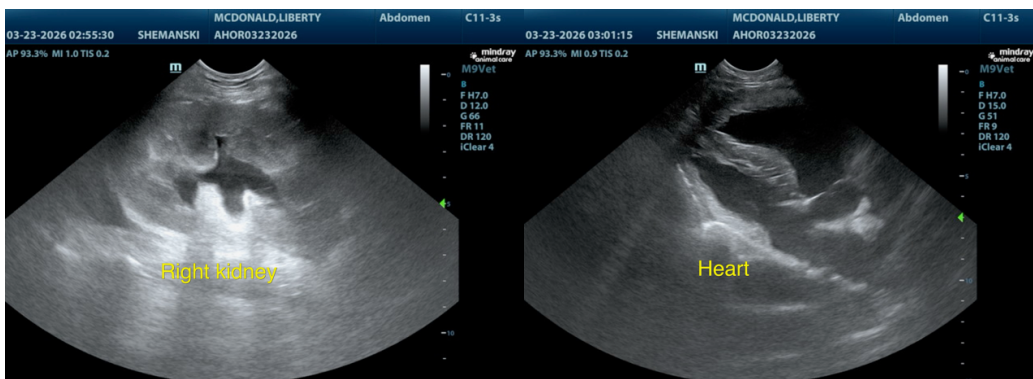
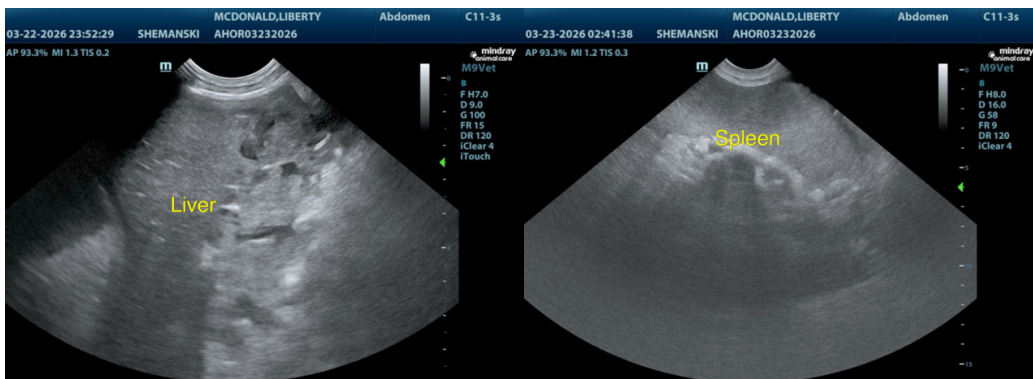
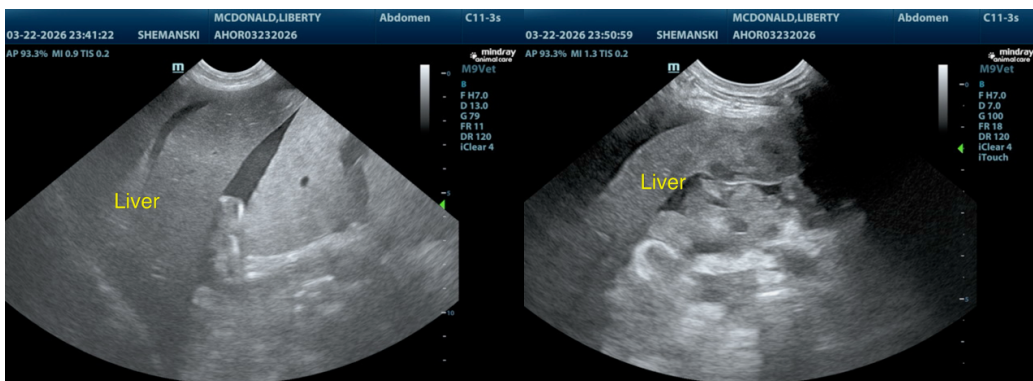
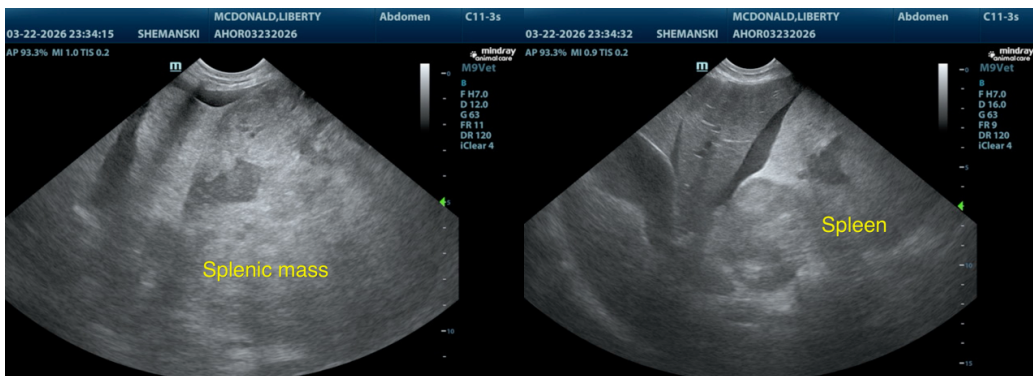
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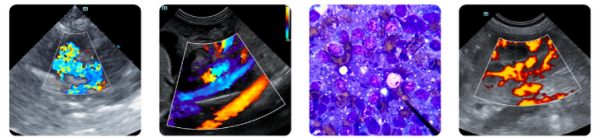
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

info@sonopath.com

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