



PATIENT PRESENTING CLINICAL SIGNS

Beasley Mileo History: ADR, severe weight loss, lost 5 lbs in ~6 weeks, but still eating until 2 days ago. In the last 48 hours, poor appetite and urinated on owner's bed
SPECIES Abnormal PE/Chem/CBC/UA Results: 10/27/25 WNL

Canine **ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

BREED *Urinary System*

Rottweiler The urinary bladder wall is normal in thickness. The mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and visible portion of the proximal urethra are normal.

SEX

Female Spayed The left kidney is normal in size (5.70 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.

AGE

8 years 10 mos The right kidney is normal in size (5.76 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

43 lbs

Adrenal Glands

INTERPRETED BY

Andrea Nicastro DVM
 Diplomate ACVIM
 (Sm Animal Internal Med)

The left adrenal gland is normal in size (0.54 cm at cranial pole) (0.62 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 (0.98 cm at cranial pole) (0.69 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

Rebecca Hamilton

Spleen

A 4.8 x 3.3 cm ill-defined, heterogenous, cavitated, expansile mass is arising from the mid-to caudal aspect. Surrounding mesentery is hyperechoic. Some free fluid is observed adjacent to the mass. In the remainder of the spleen, the margins are curvilinear, and the parenchyma is relatively homogenous. Splenic vasculature is normal with no evidence of thrombosis.

HOSPITAL NAME

Ramapo Valley AH

REFERRING VET

Dr. Katara

Liver

The liver is subjectively normal in size with normal peripheral contours. The parenchyma is hypoechoic relative to the spleen. A 1.2 cm cavitated nodule is observed approximately mid-liver. The remaining parenchyma is homogenous. Splenic vasculature and intrahepatic biliary tracts are of normal volume with no evidence of congestion.

INVOICE

22240

The gallbladder is moderately distended. The wall is mildly thickened (up to 0.26 cm) and hypoechoic, with a double-walled effect. Luminal contents are mostly anechoic. The cystic and common bile ducts are normal/not seen.

DATE

12-11-25

Gastrointestinal

The lumen is mildly distended with ingesta. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal



PATIENT

layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

Beasley Mileo

Pancreas

SPECIES

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.

Canine

Lymph Nodes

BREED

Two-to-three prominent mesenteric lymph nodes are visualized (one measuring 3.2 x 0.45 cm).

Rottweiler

Free Abdomen

A small amount of free fluid is present.

SEX

Other

Female Spayed

In the visualized portion of the thorax, B-lines are suspected.

AGE

A brief visualization of the heart reveals pericardial effusion, along with a 3.9 x 3.0 cm irregular, heterogenous mass in the region of the right atrium/right auricle.

8 years 10 mos

ULTRASONOGRAPHIC FINDINGS

WEIGHT

Primary Findings

43 lbs

- Splenic mass (i.e., hemangioma, hemangiosarcoma) is considered likely, with a lower possibility of a non-neoplastic process. Adjacent peritonitis is present.
- The cavitated hepatic nodule could be consistent with a metastatic lesion, benign cyst, other.
- Right atrial/auricular mass with pericardial effusion. This likely represents the same disease process (neoplasia) as seen in the spleen.
- The B-lines seen within the thoracic cavity likely represent pulmonary parenchymal disease.

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Secondary Findings

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- Gallbladder wall edema, likely secondary to increased hydrostatic pressure resulting from pericardial effusion/cardiac tamponade.
- Minor bilateral age-related renal changes
- The prominent abdominal lymph nodes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. Neoplastic infiltration is considered less likely.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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- Consultation with a board-certified oncologist can be considered. However, given the likelihood of bicavitary neoplasia, palliative care is recommended in lieu of aggressive diagnostics and treatments.

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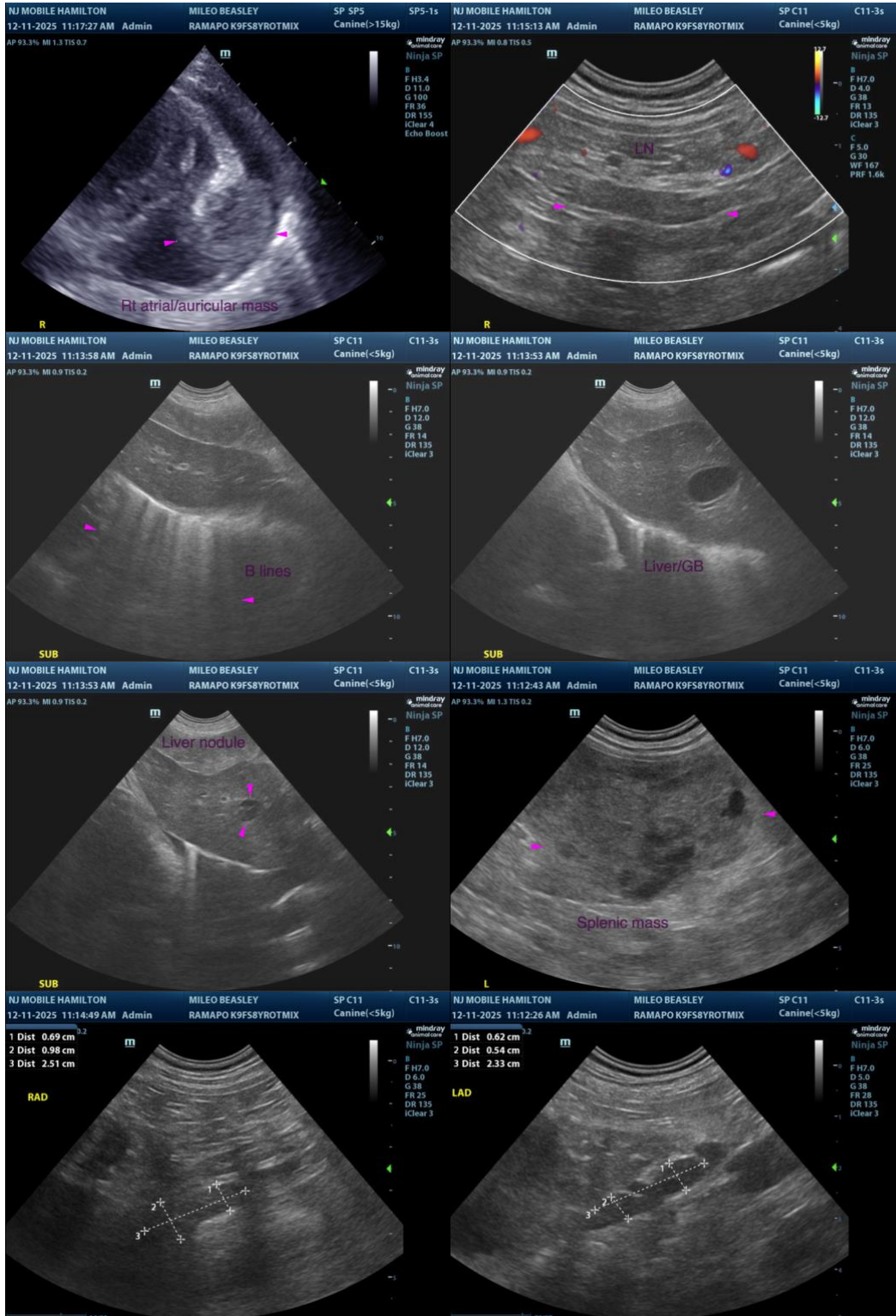
Dr. Katara

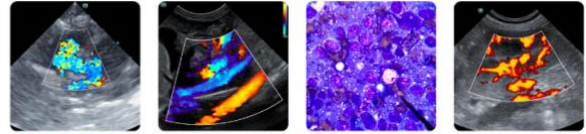
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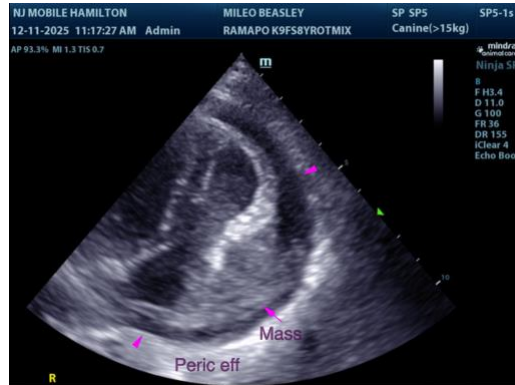
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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