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Clinical Sonography & Telecytology
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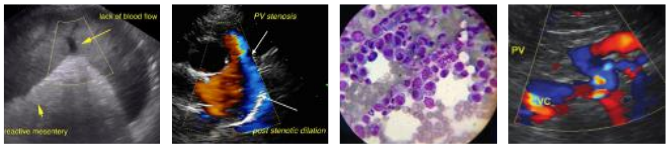


SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT
Maggie Rosenbaum

SPECIES
Canine

BREED
Rough Coat Collie

SEX
Female Spayed

AGE
5 Years

WEIGHT
41.6 lbs.

INTERPRETED BY
Andrea Nicastro, DVM, Diplomate ACVIM (*Small Animal Internal Medicine*)

IMAGING PERFORMED BY
Potomac Mobile Veterinary Ultrasound

HOSPITAL NAME
Shenandoah Animal Hospital

REFERRING VET
Dr. Jarrett

INVOICE
12974

DATE
9/10/21

PRESENTING CLINICAL SIGNS

History: Lethargic and inappetent. Spayed 2-3 weeks ago due to pyometra. Getting Prilosec and Proviable. No vaginal discharge reported.

Abnormal PE/Chem/CBC/UA Results: 8/11/21- USG 1.040, pH 7.0 protein 1+, RBC 1-7 phpf

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2.0 cm, are normal.

The left kidney is normal size (4.74 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal. A hyperechoic medullary band is observed adjacent to the corticomedullary junction.

The right kidney is normal size (5.66 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.44 cm at cranial pole) (0.37 cm at caudal pole) (2.09 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

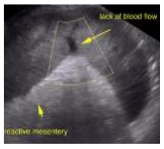
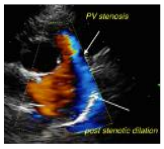
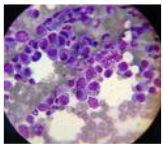
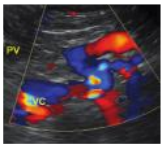
The right adrenal gland is normal size (0.40 cm at cranial pole) (0.47 cm at caudal pole) (1.97 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The spleen is normal in size (1.24 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is

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moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal.

Gastrointestinal

The gastric lumen is mildly distended with ingesta and soft shadowing material. The gastric wall and pylorus are 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 layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

Pancreas

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.

Free Abdomen

A prominent uterine stump, measuring 0.77 cm in diameter, is visible and is slightly heterogeneous in appearance. Surrounding mesentery is mildly hyperechoic. No free fluid is observed. 1-2 visible/prominent lymph nodes were observed in the mid to caudal abdomen, the largest measuring 1.47 cm in length.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- The uterine stump changes are most consistent with recent ovariohysterectomy. There is no obvious evidence of a stump pyometra

Secondary Findings

- The gastric luminal contents may represent ingesta and/or foreign material (i.e., grass). Correlation with clinical findings is recommended
- The bilateral renal changes may be a normal variant/incidental finding. Alternatively, subclinical renal disease may be present

* An obvious cause for the patients' clinical signs is not identified in the study. Considerations include microscopic gastrointestinal or pancreatic disease, underlying metabolic issue, other

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Consider 3-view thoracic radiographs to assess for occult disease in the chest.
- Other diagnostic considerations include the following:

1. Malabsorption panel
2. Resting cortisol level
3. Fecal evaluation for ova/giardia
4. Urine culture and sensitivity

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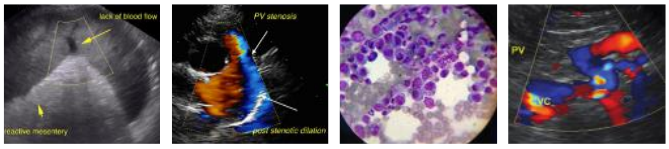

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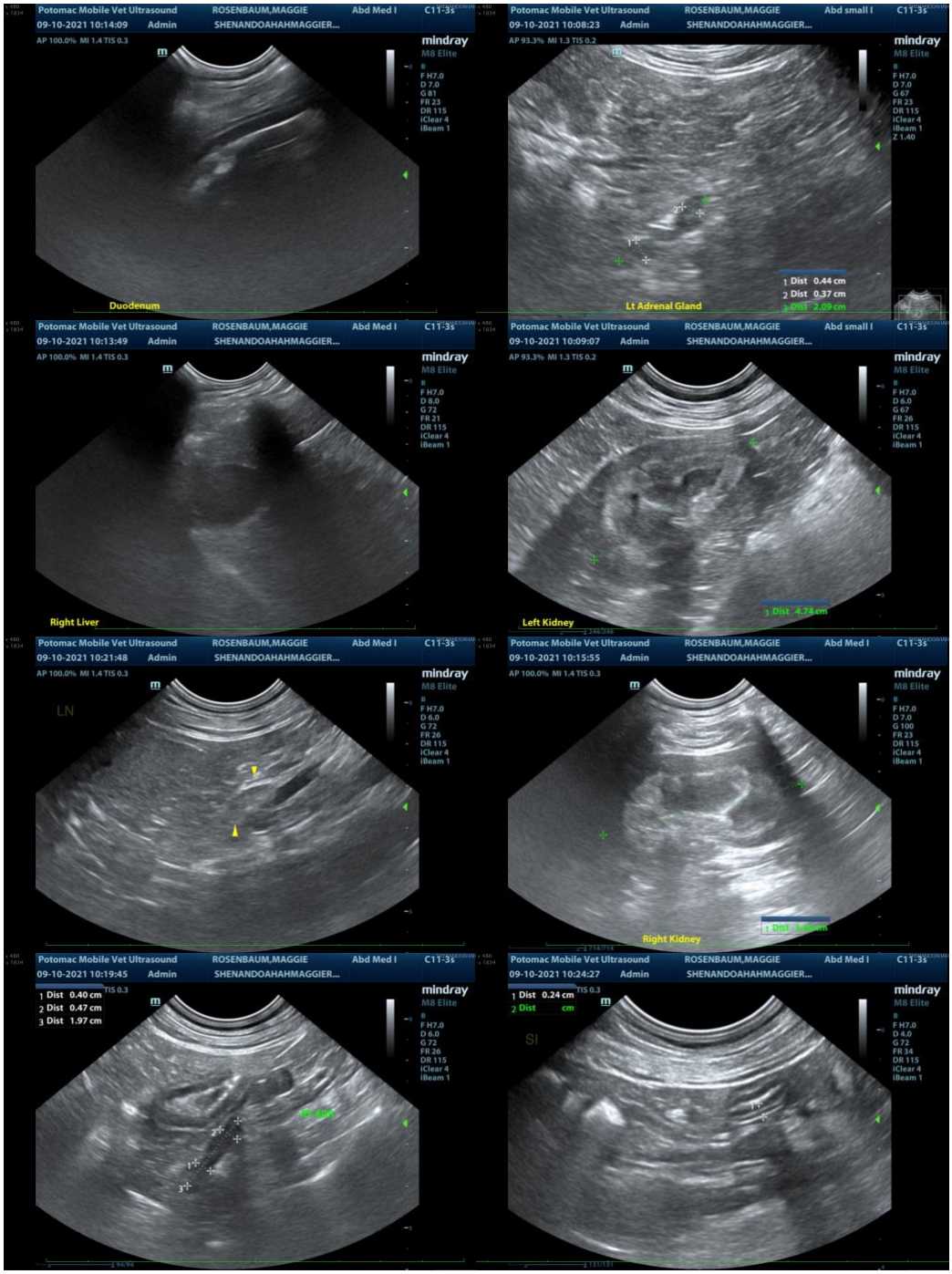

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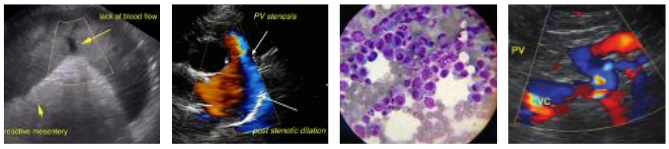

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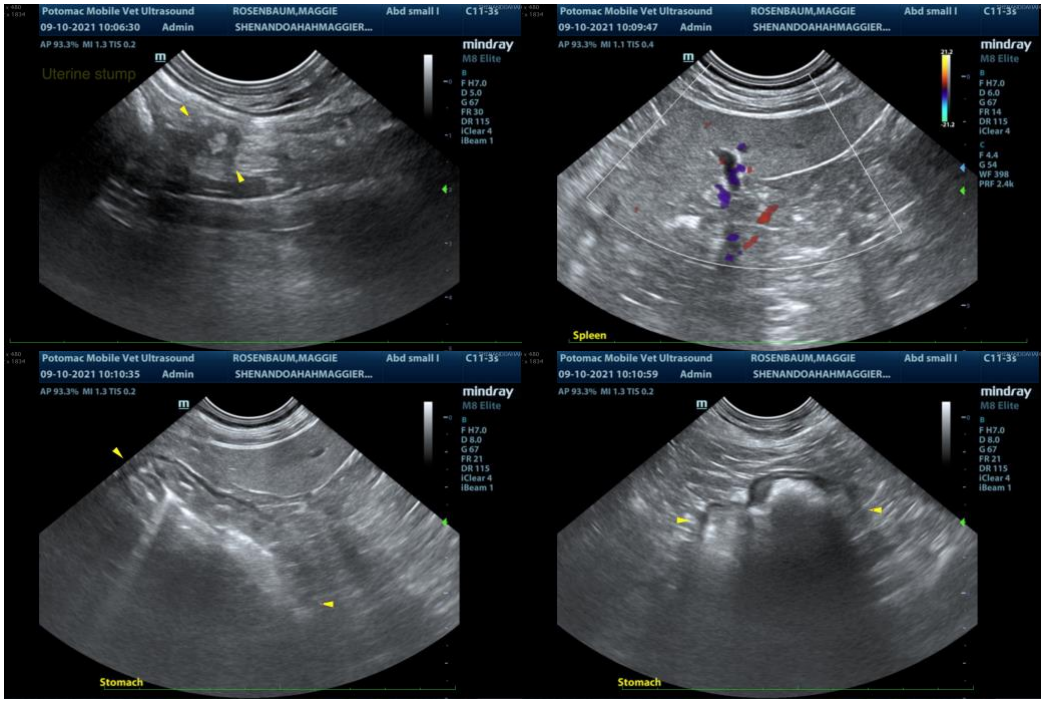

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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