

PATIENT PRESENTING CLINICAL SIGNS

No Name Miller

History: Patient presented 3/17/2023 to establish care, was previously adopted from rescue 3 weeks prior. Shelter planned to do spay in September but postponed it due to bloodwork abnormalities. During establishing care appointment, both third eyelids were prolapsed with elevated IOP OU (~28mmHg). Recommended rechecking bloodwork and similar abnormalities noted. On Animax, Prednisolone Acetate drops, Revolution.

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: From 9/3/2022: BUN/Urea 61, UA showed blood (250 Ery/uL) but no WBCs or bacteria. BW from 3/18/2023 SDMA 18, BUN 39, ALP 61, T4 2.9.

BREED

Siamese X

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Intact Female

The urinary bladder wall is normal in thickness and 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.

AGE

1 year, 2 mos

The left kidney is normal in size (4.10 cm in length) with a slightly irregular shape. The cortex is diffusely thickened and isoechoic relative to the spleen. There is poor corticomedullary distinction. Hyperechoic shadowing diverticular foci are visualized. There is no obvious evidence of pyelectasia, infarcts or hydroureter.

WEIGHT

9.4 lbs

The right kidney is normal in size (4.39 cm in length) with a slightly irregular shape. The cortex is diffusely thickened and isoechoic relative to the spleen. There is poor corticomedullary distinction. Hyperechoic shadowing diverticular foci are visualized. There is no obvious evidence of pyelectasia, infarcts or hydroureter.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland is normal size (0.27 cm cranial) (0.21 cm caudal). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.25 cm cranial) (0.25 cm caudal). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Pamela Harrigan,
RDMS

Spleen

The spleen is normal in size (0.91 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.

HOSPITAL NAME

Wood River AH

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.

REFERRING VET

Erin Plunkett, DVM

The gall bladder lumen is moderately distended. The wall is thin and smooth. A scant amount of suspended echogenic debris is observed within the lumen. The cystic and common bile ducts are normal.

INVOICE

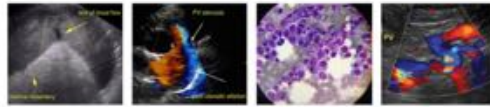
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Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly fluid-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

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

SPECIES

Feline

Pancreas

The right limb of the pancreas is normal in size with normal curvilinear peripheral contours. The parenchyma is largely hyperechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

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Free Abdomen

There is no obvious evidence of free fluid. A few prominent colic lymph nodes are visualized (the largest measuring 0.73 in length).

SEX

Intact Female

Other

The uterine body is visible and appears normal in size (0.57 cm in width). No obvious pathology is observed.

ULTRASONOGRAPHIC FINDINGS

AGE

1 year, 2 mos

Primary Findings

- The bilateral renal changes are most consistent with chronic interstitial nephrosis/nephritis. This is a nonspecific finding that can be associated with prior insult (i.e., infection, toxin exposure, or other renal insult). Infiltrative neoplasia (i.e., lymphoma) is possible but considered less likely.

WEIGHT

9.4 lbs

Secondary Findings

- Minor pancreatic remodeling in the right limb
- The prominent abdominal lymph nodes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. Neoplastic infiltration is considered less likely.

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 ACVIM (Small Animal
 Internal Medicine)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Pamela Harrigan,
 RDCS

- A urine culture and sensitivity is recommended along with baseline blood pressure measurement and transitioning to a prescription renal diet.

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REFERRING VET

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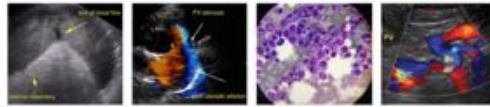
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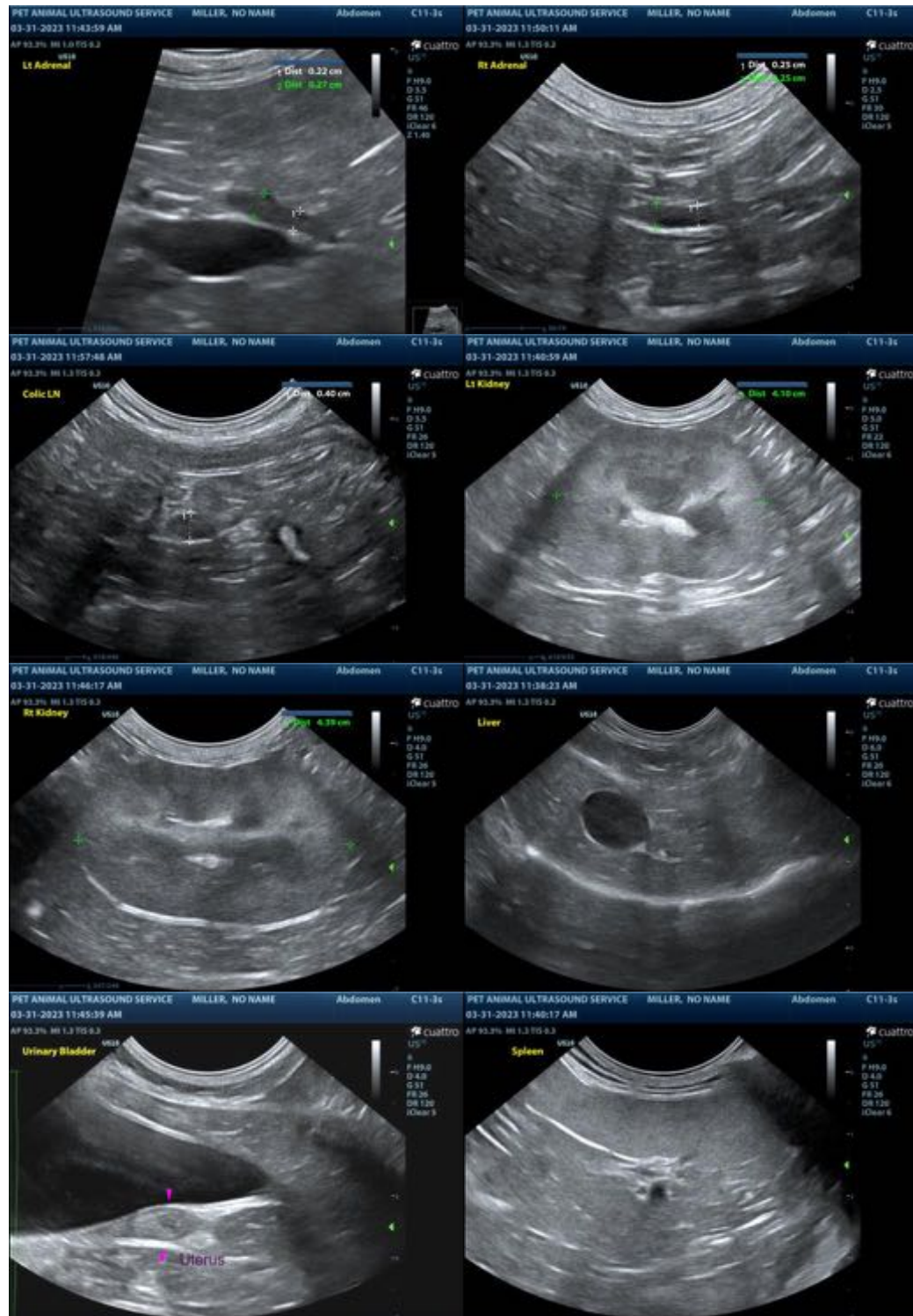
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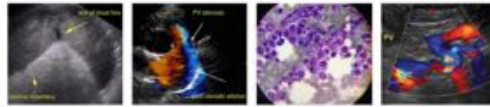
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.



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

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