**PATIENT**

Hulk Mowery

SPECIES

Canine

BREED

Shih Tzu

SEX

Neutered Male

AGE

5 years, 10 mos

WEIGHT

10.6 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

PMVUltrasound

HOSPITAL NAME

Banfield PH, Leesburg

REFERRING VET

Dr. Cathy Jarrett

INVOICE

10938

DATE

5/19/22

PRESENTING CLINICAL SIGNS

History: Persistent urinary issues with no reason found on x-rays or U/A to explain the urinary problems. Currently on Sucralfate, Rimadyl, and Famotidine.

Abnormal PE/Chem/CBC/UA Results: No lab-work given

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The urinary bladder is mildly to moderately distended. The wall is normal in thickness with a smooth mucosal surface. A moderate amount of aggregated, echogenic to mineralized, suspended, debris is observed within the lumen, as well as a small to moderate amount of gravity dependent, mineralized sand +/- tiny calculi. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

The prostate is normal in size (1.68 cm in length) (0.64 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

The left kidney presented normal size (3.70 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 hydronephrosis. Renal vasculature is normal.

The right kidney presented normal size (3.53 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 hydronephrosis. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.37 cm at cranial pole) (0.43 cm at caudal pole) (2.01 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.

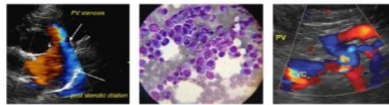
The right adrenal gland is normal size (0.37 cm at cranial pole) (0.38 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The spleen is normal in size (1.07 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 curvilinear peripheral contours. The parenchyma is hypoechoic relative to the spleen and homogenous in appearance with a coarse echotexture. No distinct focal lesions are observed. Hepatic vasculature and intrahepatic biliary tracts are of normal volume with no evidence of congestion.

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

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Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. 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 or overt infiltrative disease is noted.

BREED

Shih Tzu

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.

SEX

Neutered Male

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. A 2.01 cm jejunal lymph node is visualized. The nodule is normal in shape and echogenicity.

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ULTRASONOGRAPHIC FINDINGS**WEIGHT**

10.6 lbs

Primary Findings

- Urinary bladder sand +/- tiny calculi

Secondary Findings

- The prominent jejunal lymph node is likely reactive.

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(Small Animal Internal
Medicine)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- A repeat urinalysis with urine culture and sensitivity is recommended.
- Consider a prescription urinary diet to address the urinary bladder sand.
- Also consider abdominal radiographs to determine if discreet cystic calculi are present.
- Baseline lab work, including a CBC Chemistry panel and T4, is recommended, if not already performed.
- Depending on the patient's specific urinary issues (i.e., dysuria versus hematuria versus incontinence), further work-up may be warranted.

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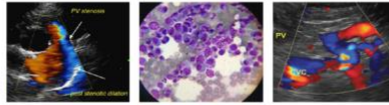
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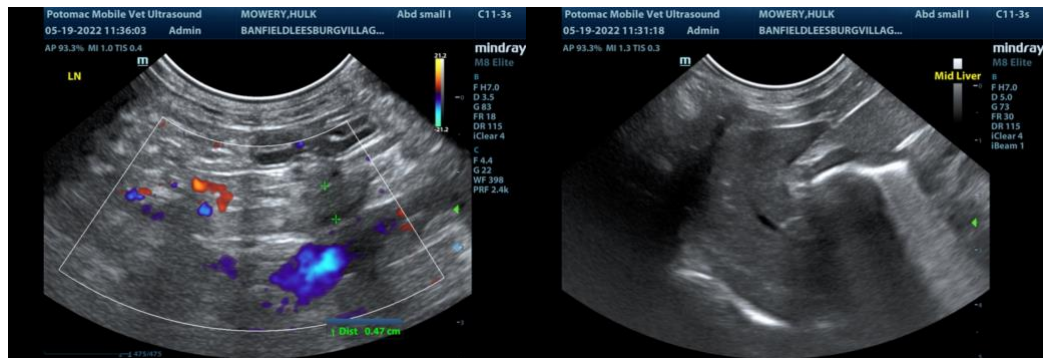
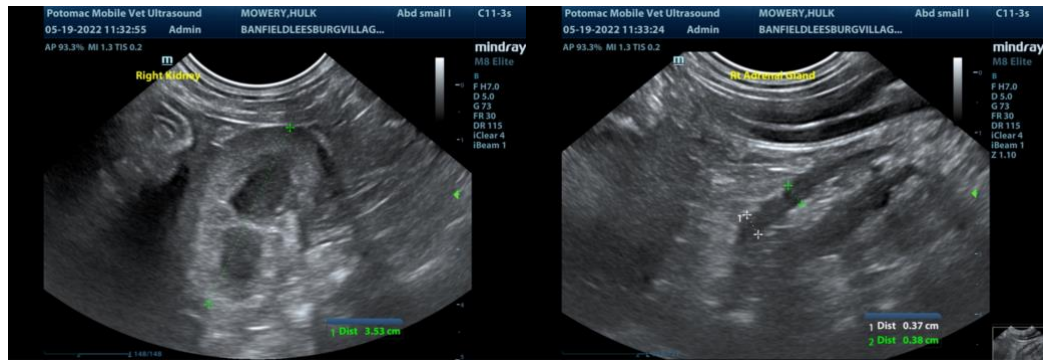
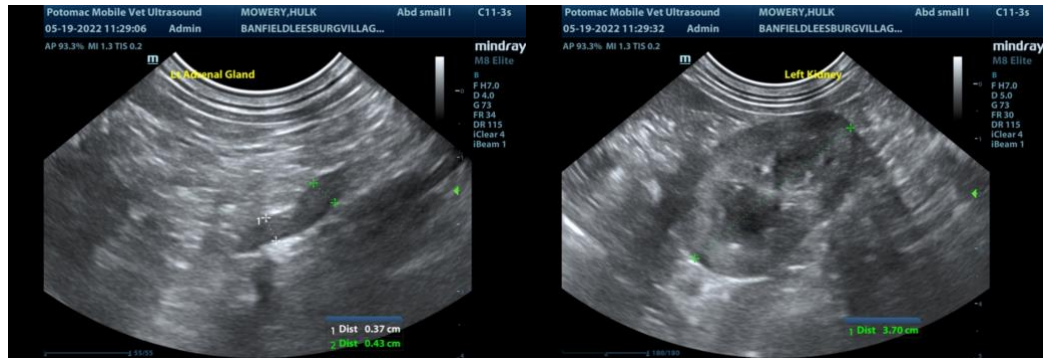
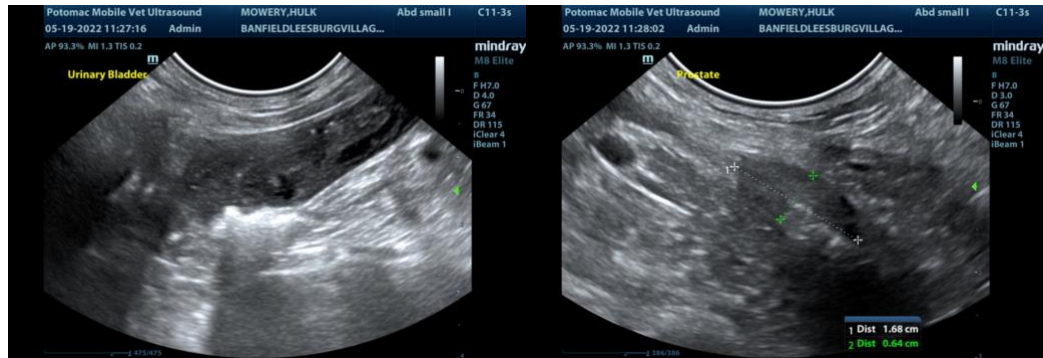
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

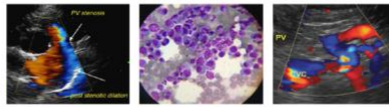
Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

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