**PATIENT**

Boots Nowicki

**SPECIES**

Feline

**BREED**

DSH

**SEX**

MN

**AGE**

13 years

**WEIGHT**

6.7 kg

**INTERPRETED BY**Remo Lobetti, BVSc,  
MMedVet (Med), PhD, Dipl.  
ECVIM**IMAGING PERFORMED BY**

Tom McNeill

**HOSPITAL NAME**

SVS Imaging CT

**REFERRING VET**Madison Veterinary  
Specialists - Dr McKelvey**INVOICE**

303934

**DATE**

2/25/22

**PRESENTING CLINICAL SIGNS**

History: Urethral obstruction with azotemia, which resolved.

Physical Examination: N/A.

Urinalysis: SG 1.042, pH 8, 1+ protein, blood.

CBC: N/A.

Serum Biochemistry: N/A

Radiographic Findings: N/A.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****Urinary System**

Initially empty but when filled with saline showed a thickened (0.5 cm) and irregular appearance of the wall. Small amount of floating hyperechogenic sediment and iatrogenic air present. No uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Renomegaly (left 4.4 cm, right 4.5 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis, and normal capsule.

**Reproductive System**

N/A.

**Adrenal Glands**

Normal shape, echogenic appearance, position but enlarged. Left 0.52 cm, right 0.53 cm.

**Spleen**

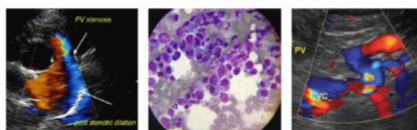
Normal size (1 cm) with a fine nodular echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. Small focal hyperechogenic parenchymal nodule (0.2 cm) No evidence of inflammatory, neoplastic, infarction, or infiltrative changes evident.

**Liver**

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. Focal cavitary parenchymal nodule (0.6 x 1 cm). No masses evident. Full gall bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct (0.2 cm).

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**PATIENT*****Gastrointestinal***

Boots Nowicki

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.22 cm, ileum 0.29 cm, jejunum 0.19 cm, colon 0.1 cm) and peristaltic activity, and no distension of the lumen.

**SPECIES**

Feline

***Pancreas*****BREED**

Normal size (left 0.9 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

DSH

***Free Abdomen*****SEX**

Prominent abdominal lymph nodes (mesenteric 0.6 x 3.6 cm, pancreaticoduodenal 0.3 x 0.5 cm, and ileocolic 0.3 x 0.5 cm) with a hypoechoic appearance and normal shape.

MN

No ascites evident.

**AGE****ULTRASONOGRAPHIC FINDINGS**

13 years

Primary Findings:

**WEIGHT**

6.7 kg

- Cystitis.
- Bilateral renomegaly
- Bilateral adrenomegaly.
- Reactive spleen and abdominal lymph nodes.

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Secondary Findings:

- Hepatic cystadenoma.
- Splenic nodule.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS****HOSPITAL NAME**

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The appearance of the urinary bladder and kidneys would be consistent with the obstructive uropathy and urethral catheterization.

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The adrenomegaly is most likely from disease stress with emerging hyperplasia (Cohn's syndrome) a differential diagnosis.

Both the spleen and lymph nodes are most likely reactive with splenitis/lymphadenitis and infiltrative neoplasia, less likely differential diagnoses.

Further assessment that could be considered would be urine culture and possibly FNA cytology of the spleen and lymph nodes if there is not a satisfactory recovery.

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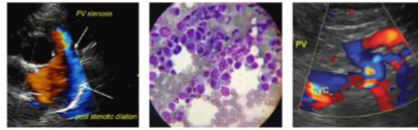
Specific therapy would be dependent on an etiological diagnosis.

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**PATIENT**

Boots Nowicki

**SPECIES**

Feline

**BREED**

DSH

**SEX**

MN

**AGE**

13 years

**WEIGHT**

6.7 kg

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**HOSPITAL NAME**

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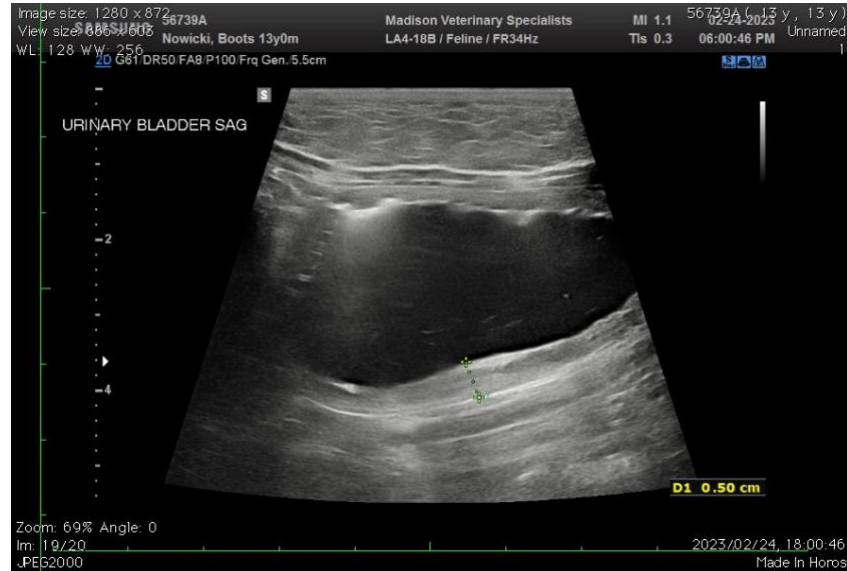
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**IMAGES**

**Urinary bladder**

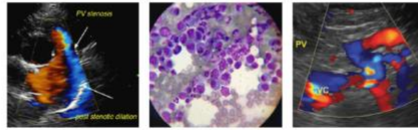


**Liver**



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PATIENT

Boots Nowicki

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

13 years

WEIGHT

6.7 kg

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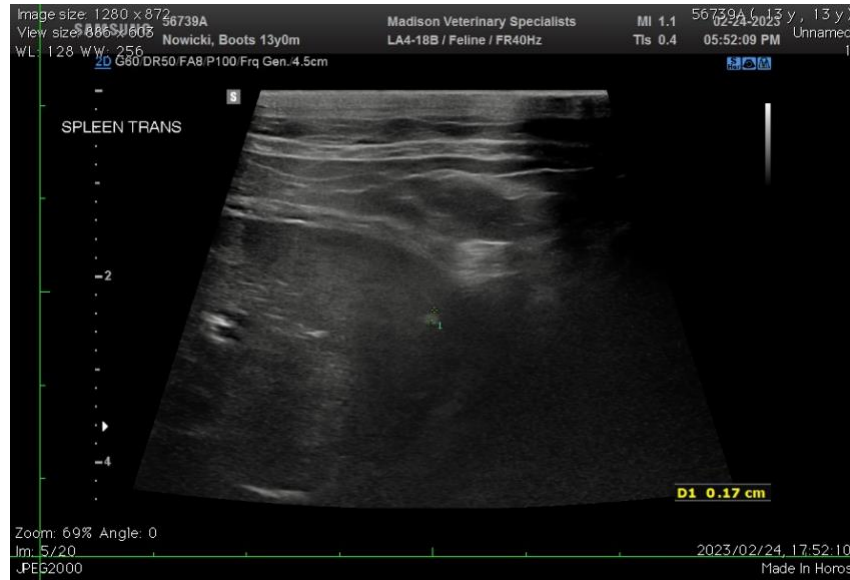
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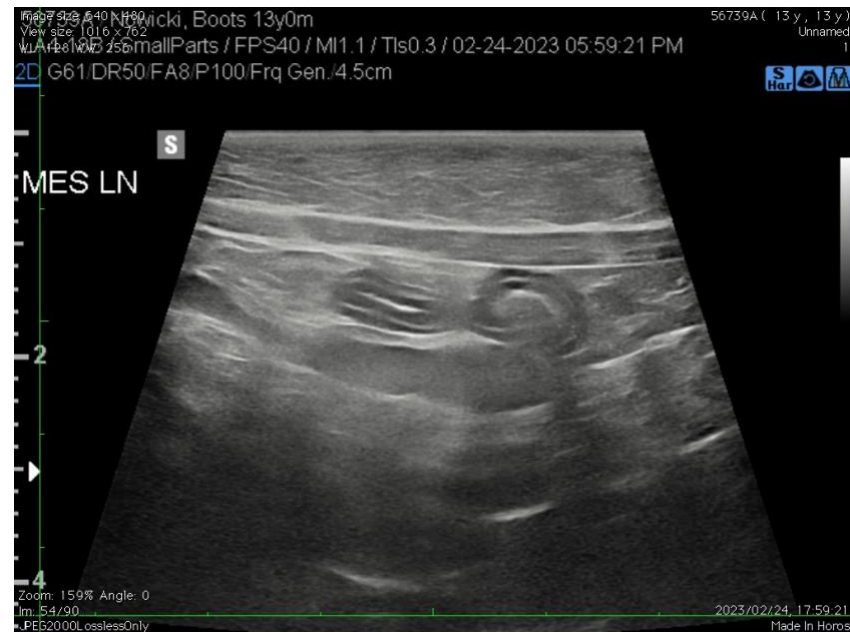
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Spleen

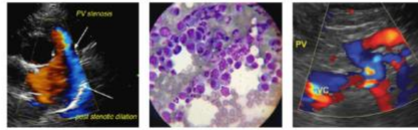


Mesenteric lymph node



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**PATIENT**

**Left kidney**

Boots Nowicki

**SPECIES**

Feline

**BREED**

DSH

**SEX**

MN

**AGE**

13 years

**WEIGHT**

6.7 kg



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MMedVet (Med), PhD, Dipl.  
ECVIM

**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.

**Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)**  
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