



PATIENT PRESENTING CLINICAL SIGNS

Pantaloon McKimm

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

4 years

WEIGHT

10 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden, RVT

HOSPITAL NAME

Animal Care Center of
Flanders

REFERRING VET

Dr. Hallihan

INVOICE

42803

DATE

2/14/23

History: Hx of 3 episodes of urinary blockage; always strains and leaks urine when coming out of the litter box. Currently on fluoxetine 5 mg sid, Fu-sol BID, dasoquin SID, adequan inj every 2 weeks. Spinal rads NSF. Has been on other meds previously that did not help: alprazolam, amitriptyline, zylkene, gabapentin, onsiar, prazosin.
Abnormal PE/Chem/CBC/UA Results: cholesterol 336; UA: blood 3+, protein 1+, USPG 1.036

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. A slight amount of debris was noted. Minor urethral thickening was noted at the level of the cystourethral junction with a minor polypoid change that measured 0.3 cm. This is consistent with urethritis and interstitial cystitis.

The **kidneys** were normal in size and contour with mildly increased cortical echogenicity. This is consistent with minor interstitial nephrosis. The left kidney measured 4.24 cm with slight pyelectasia. The right kidney measured 4.36 cm. Blood flow to the kidneys was normal.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.27 cm. The right adrenal gland measured 0.37 cm.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal



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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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Pancreas

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The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Thickened urethra and cystourethral junction with prominent left ureter, appears to be caudally placed. Mild, degenerative renal changes.

AGE

4 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

10 lbs

There was no evidence of significant pathology. I cannot completely rule out the potential of ectopic ureter; however, dilation of the ureter at this point is abnormal. I recommend CT with contrast in this patient to assess for ectopic ureter.

INTERPRETED BY

Eric Lindquist, DMV
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ABOUT SONOPATH CT SERVICES:

SonoPath CT Services are offered at the SonoPath Imaging and Veterinary Education Center, 141 Main St (rt 206), Andover, New Jersey, a 20-minute drive west on route 80/206 North from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at <https://sonopath.com/resources/sonopaths-teleconsultation-services-and-sdep-certification/sonopath-ct-services>

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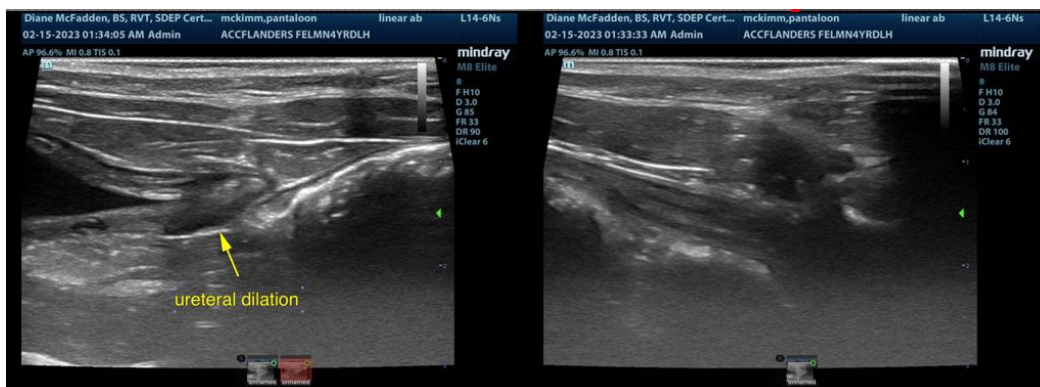
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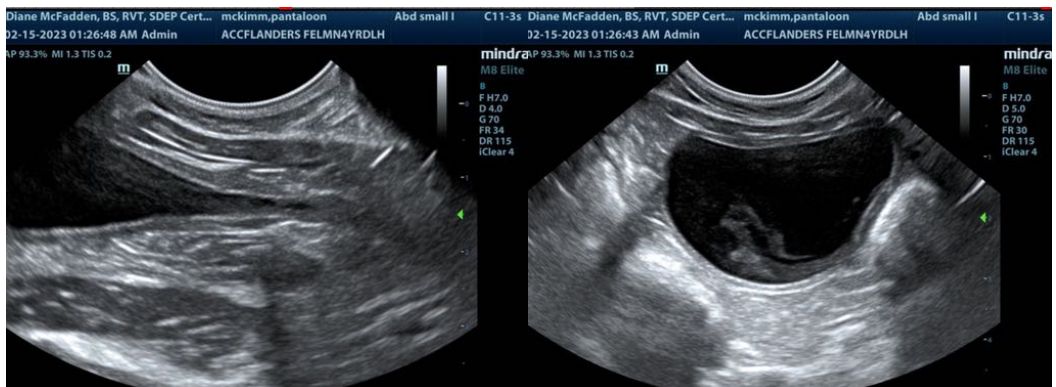
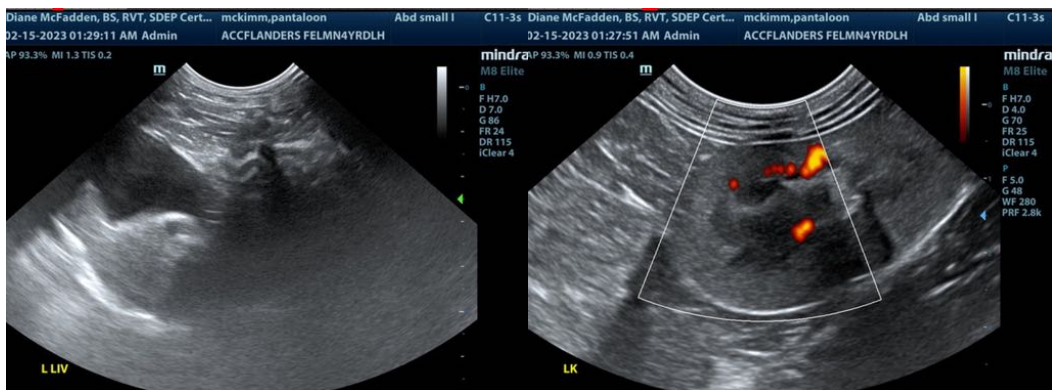
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Info@SonoPath.com