



PATIENT PRESENTING CLINICAL SIGNS

Lily Brown History: inappropriate urination. Current meds: Fluoxetine 5mg SID
BUN 34, Creat 1.9, platelet 405 x 10³ UA SG: 1.015

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Fox Toy Terrier

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Spayed Female

AGE

10 years

The right **kidney** presented generalized enlargement. The right kidney measured 6.12 cm with a 6.36 cm anechoic cyst that was deriving from the cranial half of the right kidney. Echogenic debris was noted in the right renal cyst. The right renal cyst is significantly extensive and may be playing a role in the current azotemia. The remainder of the renal parenchyma appears to be unremarkable in the left and right kidneys. Slight pyelectasia was noted in the right kidney as well. The left kidney was normal in size and contour and measured 3.35 cm. Blood flow to the left kidney appeared to be adequate.

WEIGHT

5.9 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 1.8 x 0.42 cm at the caudal pole and 0.32 cm at the cranial pole. The right adrenal gland measured 0.88 x 0.5 cm at the cranial pole and 0.28 cm at the caudal pole.

IMAGING PERFORMED BY

Jessica Miller, RDMS

Spleen

HOSPITAL NAME

Tranquility VC

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.

REFERRING VET

Dr. Blackman

Liver

INVOICE

92330

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.

DATE

10/12/21



PATIENT

Gastrointestinal

Lily Brown

The **gastrointestinal tract** revealed minor upper gastrointestinal thickening without loss of detail or foreign bodies. A minor amount of mucosal fogging was noted. There was no evidence of masses.

SPECIES

However, underlying complicating factors causing azotemia such as Leptospirosis, infection should be considered.

Canine

BREED

Pancreas

Fox Toy Terrier

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

Spayed Female

ULTRASONOGRAPHIC FINDINGS

AGE

Right renal cyst. Possibly harboring infection.

10 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

Heminephrectomy may be an option or overt removal of the right kidney as the left kidney appears to have minimal degenerative changes. A right nephrectomy may be the best long term management option for this patient.

5.9 lbs

INTERPRETED BY

For an additional charge an internal medicine consult can be utilized through [Sonopath.com](http://sonopath.com). You can select the internal medicine drop down at <http://spa.sonopath.com/>.

Eric Lindquist, DMV
DABVP, Cert. IVUSS

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

IMAGING PERFORMED BY

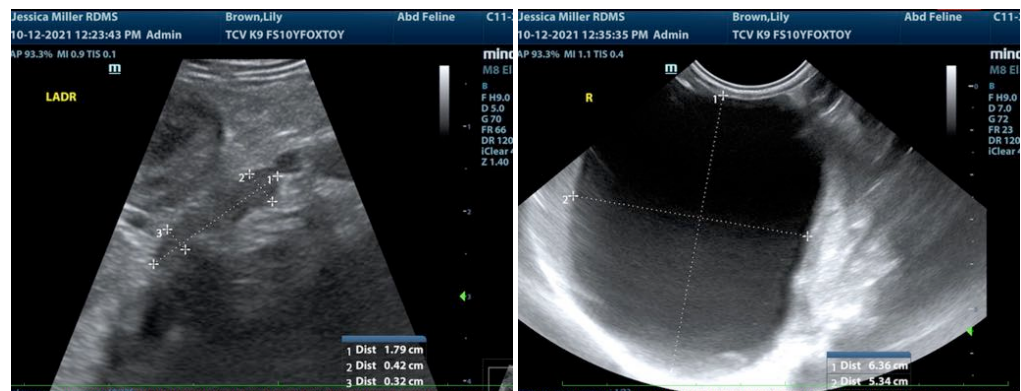
Jessica Miller, RDMS

HOSPITAL NAME

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REFERRING VET

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PATIENT

Lily Brown

SPECIES

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BREED

Fox Toy Terrier

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Spayed Female

AGE

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WEIGHT

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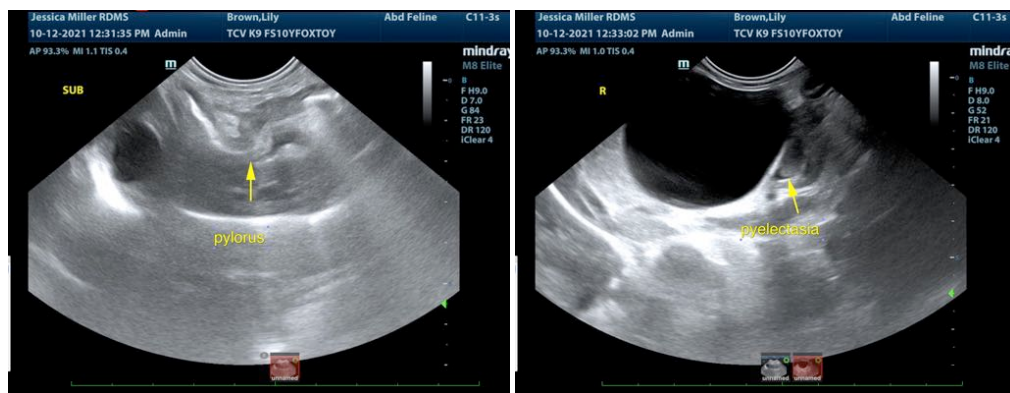
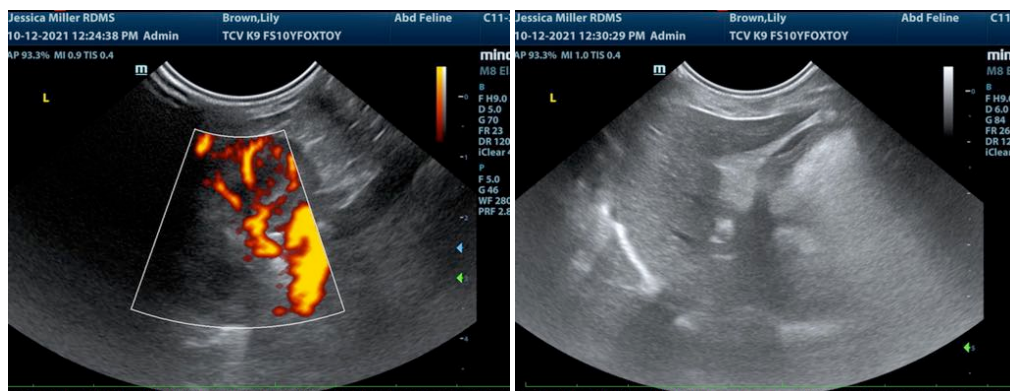
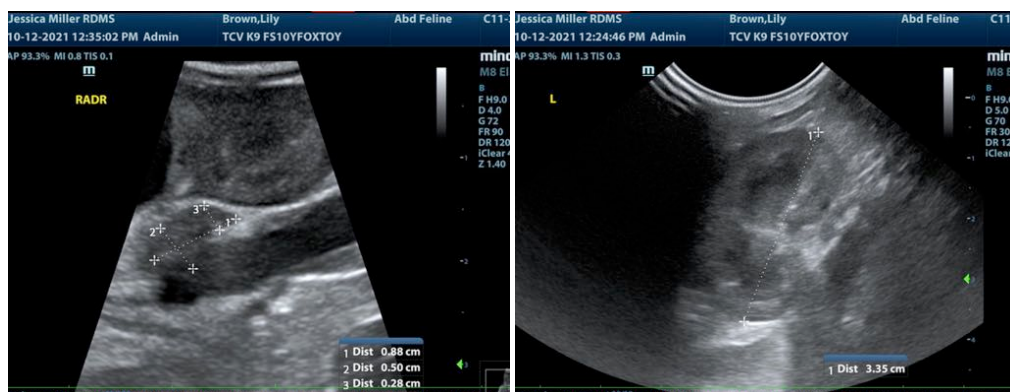
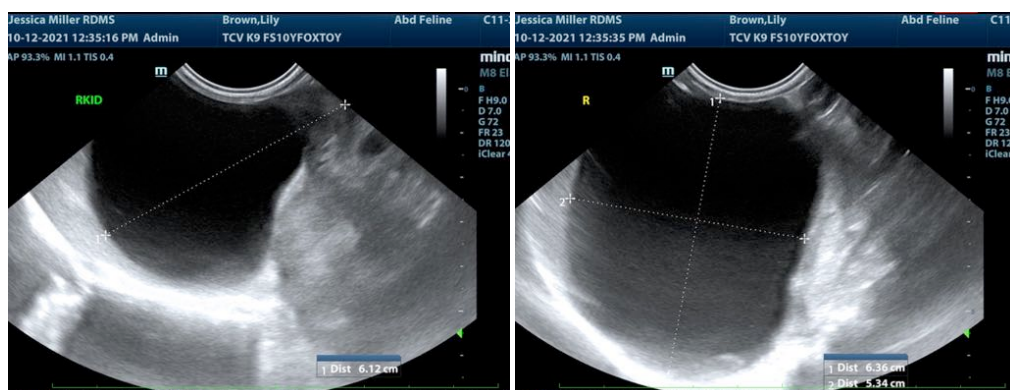
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PATIENT

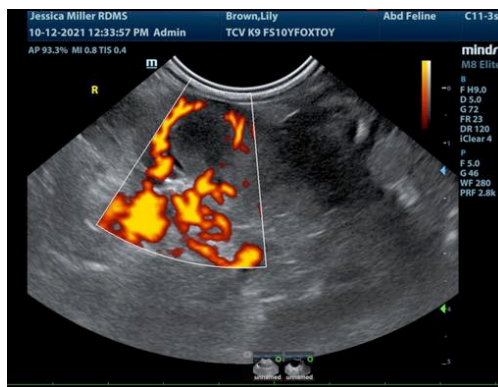
Lily Brown

SPECIES

Canine

BREED

Fox Toy Terrier



SEX

Spayed Female

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.

AGE

10 years

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.

WEIGHT

5.9 lbs

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