



PATIENT

Fry Norato

PRESENTING CLINICAL SIGNS

History: blocked yesterday, urinary catheter in place, currently being treated however PCV has dropped from 45% to 25% since yesterday.
UA: RBCs >50, blood 3+., WBCs 4-10, protein 2+, epithelial cells 4-10, USPG 1.038

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Domestic Shorthair

The **urinary bladder** and trigone presented normal thicknesses and normal tone. The ureters were not visible which is normal. Sand accumulation was noted. A grouping of which measured up to 2.0 cm with other separate larger calculi measuring up to 0.3 cm. Calculus was noted at the cystourethral junction and likely the cause of obstruction as it is particularly large for a urethral obstruction. The pelvic urethra revealed a catheter in normal position.

SEX

Neutered male

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen.

AGE

7 years

Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 3.59 cm. The right kidney measured 4.67 cm.

WEIGHT

11.6 lbs

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 right adrenal gland measured 0.58 cm. The left adrenal gland measured 0.33 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING

PERFORMED BY

Diane McFadden, RVT

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.

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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 was over distended with striating bile.

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Gastrointestinal

The **stomach** was filled with ingesta or possible hair accumulation. Transit of chyme into the small intestine appeared to be normal. Small and large intestine demonstrated normal luminal chyme and



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stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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Pancreas

Feline

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.

BREED

Domestic Shorthair

ULTRASONOGRAPHIC FINDINGS

SEX

Bladder sand and cystourethral junction calculus.

Neutered male

Full stomach.

AGE

7 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend cystostomy, bladder lavage, normal and retrograde flushing. Stone analysis and culture are recommended.

WEIGHT

11.6 lbs

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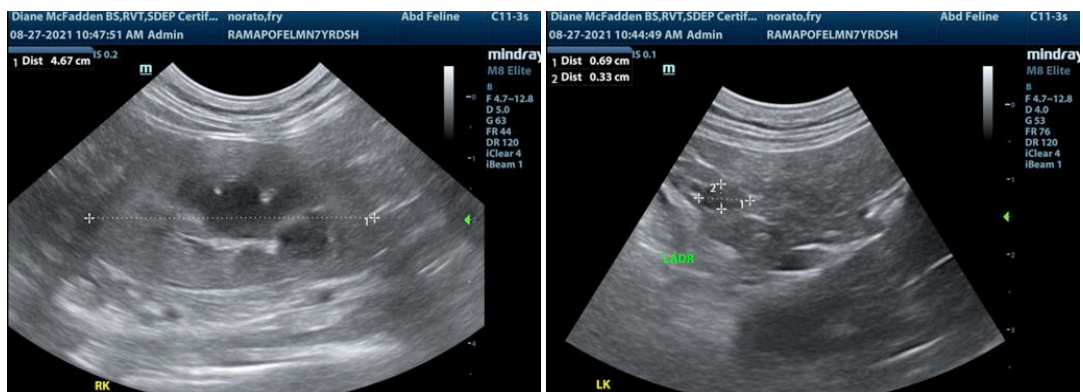
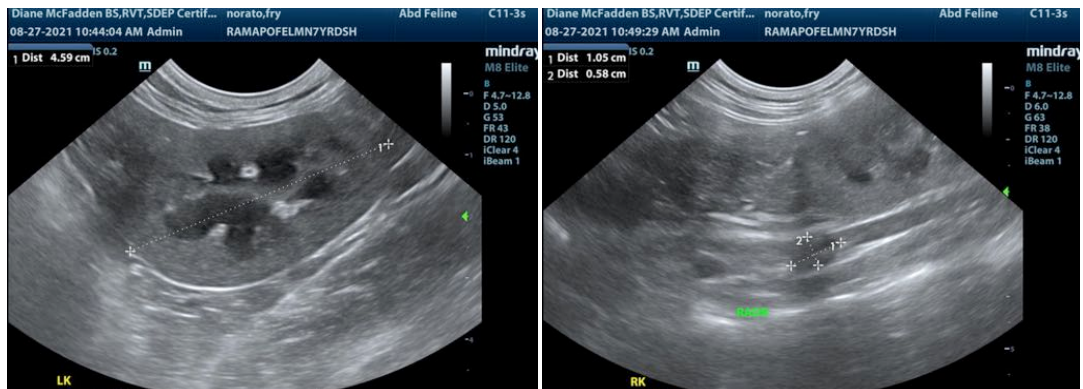
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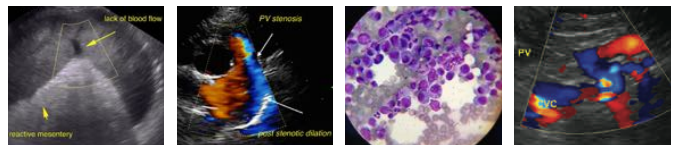
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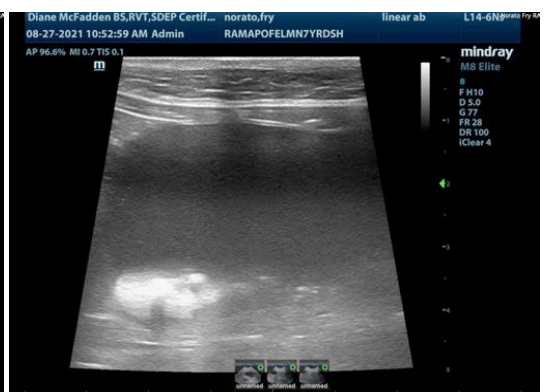
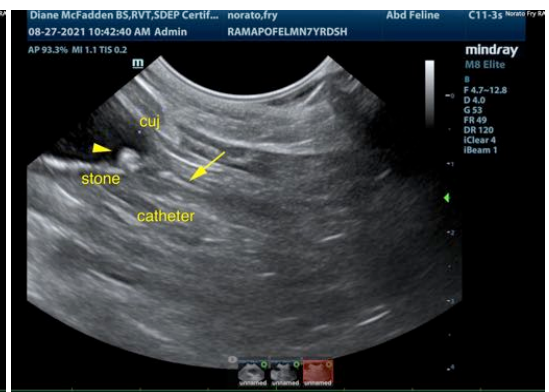
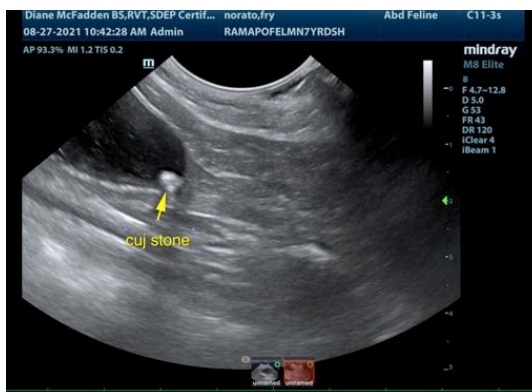
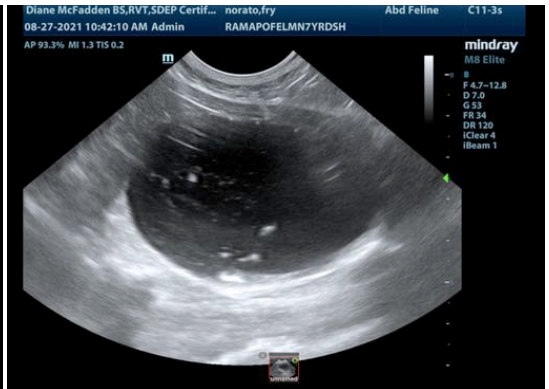
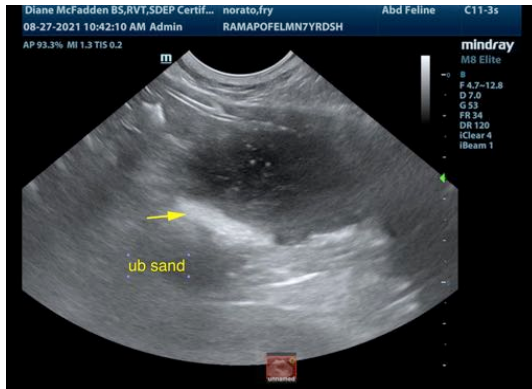
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veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

SPECIES

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

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SEX

Neutered male

AGE

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WEIGHT

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