



PATIENT

Arizona Bracigliano

PRESENTING CLINICAL SIGNS

Hematuria, urinary accidents in house . Abd rads unremarkable.
UA: WBC's normal, no crystals, no bacteria, blood 3+ (although sample is not red or tinged red), RBC's 21-50. CBC /Chem unremarkable

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Sheltie

The **urinary bladder** and trigone presented normal thicknesses and normal tone. The urethra was slightly thickened. 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

Neutered male

The residual prostate measured 1.0 cm. The post prostatic urethra was slightly thickened with a minor amount of luminal urinary retention. Underlying urethritis is suspected.

AGE

6 years

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. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 4.35 cm.

WEIGHT

20 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 left adrenal gland measured 1.68 x 0.47 cm at the caudal pole and 0.35 cm at the cranial pole. The right adrenal gland measured 2.25 x 0.27 cm at the caudal pole and 1.02 cm at the cranial pole.

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.

HOSPITAL NAME

All Creatures Great
and Small Denville

INVOICE

95814

Liver

DATE

2/2/22

The **liver** revealed slight coarse architecture with minor gallbladder debris. The size, contour and vascularity were normal. Minor remodeling was noted. The patient has likely had past episodes of cholangitis. The changes were fairly minor.



PATIENT

Gastrointestinal

Arizona Bracigliano

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Retention of ingesta was noted in the stomach. 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.

SPECIES

Canine

BREED

Sheltie

Pancreas

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

AGE

6 years

Structurally unremarkable abdomen with minor hepatic remodeling.

Structurally normal urinary tract.

WEIGHT

20 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Empirical treatment for urethritis is indicated. Traumatic catheterization of the deep urethra could also be considered to assess for abnormal cells. However, structurally the urethra did not reveal any evidence of tumors. The urethra was imaged 3-4 cm caudal from the cystourethral junction. Distal urethral disease cannot be complexly ruled out. I also recommend adding Baytril trial over 10 days to treat for urethritis.

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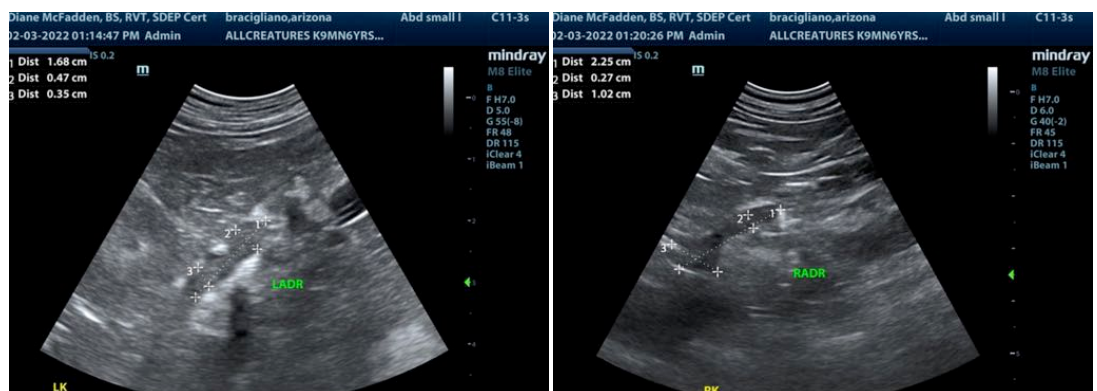
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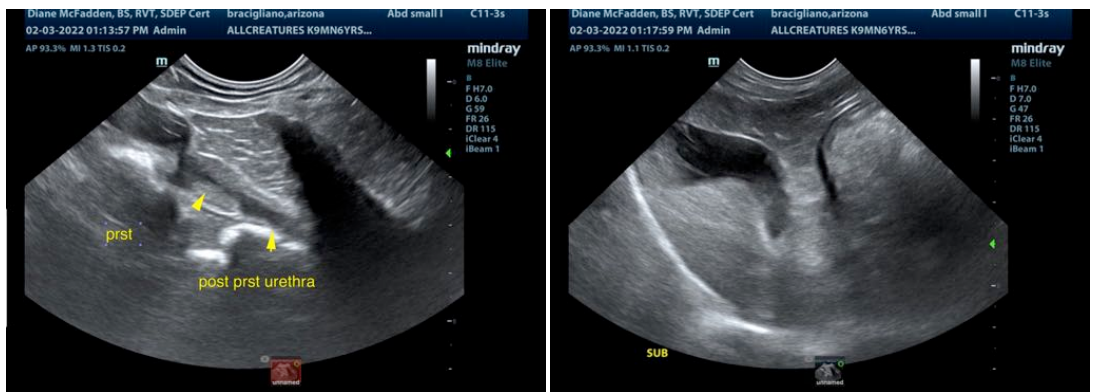
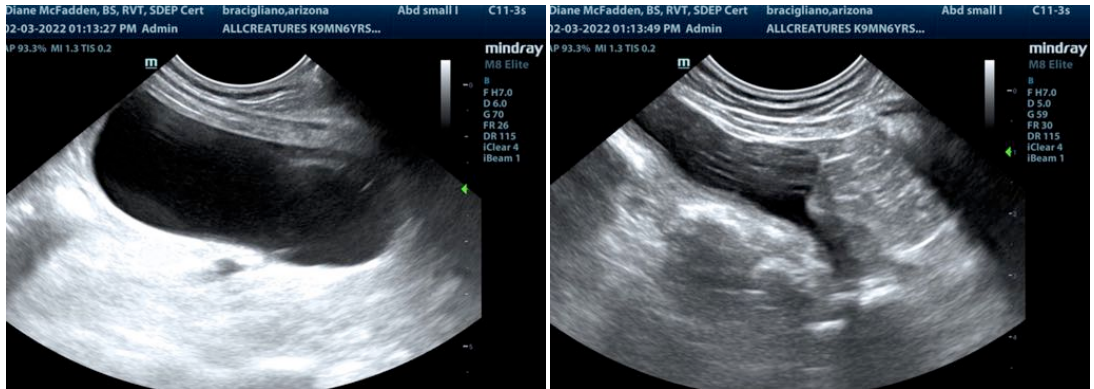
Neutered male

AGE

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WEIGHT

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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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