



PATIENT

Shaider Bristol

PRESENTING CLINICAL SIGNS

SPECIES

hematuria- asymptomatic

Abnormal PE/Chem/CBC/UA Results: Relevant Laboratory Results / Abnormalities: ~ CBC: mild polycythemia Chem: wnl UA: Hematuria (75-100 RBCs/hpf), UPC: 0.2~

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

JRT

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal tone. Mild nonuniform thickening of the ventral apical urinary bladder wall was present. Two hyperechoic echogenicities with distal acoustic shadowing were present in the dependent lumen.

SEX

The larger measured 1.3 cm in diameter. The smaller measured approximately 0.75 cm in diameter. Ventral apical urinary bladder wall measured 0.34 cm in width. Mildly prominent

Neutered Male

ureteral papillae were present, which is not indicative of underlying pathology and likely a patient variant. The urethra was normal in structure and tone to a depth of 2.0 cm.

AGE

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture. The prostate measured 0.87 cm diameter.

10 Years

WEIGHT

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.7 cm with pinpoint mineralizations present. The right kidney measured 3.5 cm with non-obstructive medullary mineralization noted in the lateral diverticuli, as well as focally at the level of the pelvis. Pelvic mineralization/renolith measured 0.47 cm diameter.

12.8 Pounds

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

The area of the aortic trifurcation was free of pathology.

IMAGING BY

Loetitia Saint-Jacques,
LVT

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.48 cm at the cranial pole and 0.47 cm at the caudal pole.

HOSPITAL NAME

MountainView AH

The right adrenal gland was normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The right adrenal gland measured 0.73 cm at the cranial pole and 0.50 cm at the caudal pole.

Spleen

REFERRING VET

Dr. Sarah Kalivoda

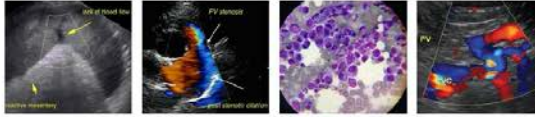
The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

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PATIENT

Shaider Bristol **Liver**

SPECIES

Canine

The liver exhibited potential mild subnormal size. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non distended in size with mild, echogenic, nonmineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

BREED

Gastrointestinal

JRT

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

SEX

Neutered Male

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

AGE

Pancreas

10 Years

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

WEIGHT

12.8 Pounds

ULTRASONOGRAPHIC FINDINGS

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

- Cystic calculi (2) with minor ventral apical cystitis pattern
- Bilateral mild chronic renal changes with non-obstructive right kidney medullary mineralization/renolithiasis
- Potential mild subnormal liver with mild gallbladder debris

IMAGING BY

Loetitia Saint-Jacques,
LVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urine culture and sensitivity on sterile urine sample recommended. The potential for a portosystemic vascular anomaly is considered unlikely. However, given the presence of renal and cystic calculi, fasting and post-prandial bile acids may be considered. Since the patient is asymptomatic, dissolution diet therapy could be attempted, yet ultimate cystotomy with stone analysis is likely indicated.

HOSPITAL NAME

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SPECIES

Canine

BREED

JRT

SEX

Neutered Male

AGE

10 Years

WEIGHT

12.8 Pounds

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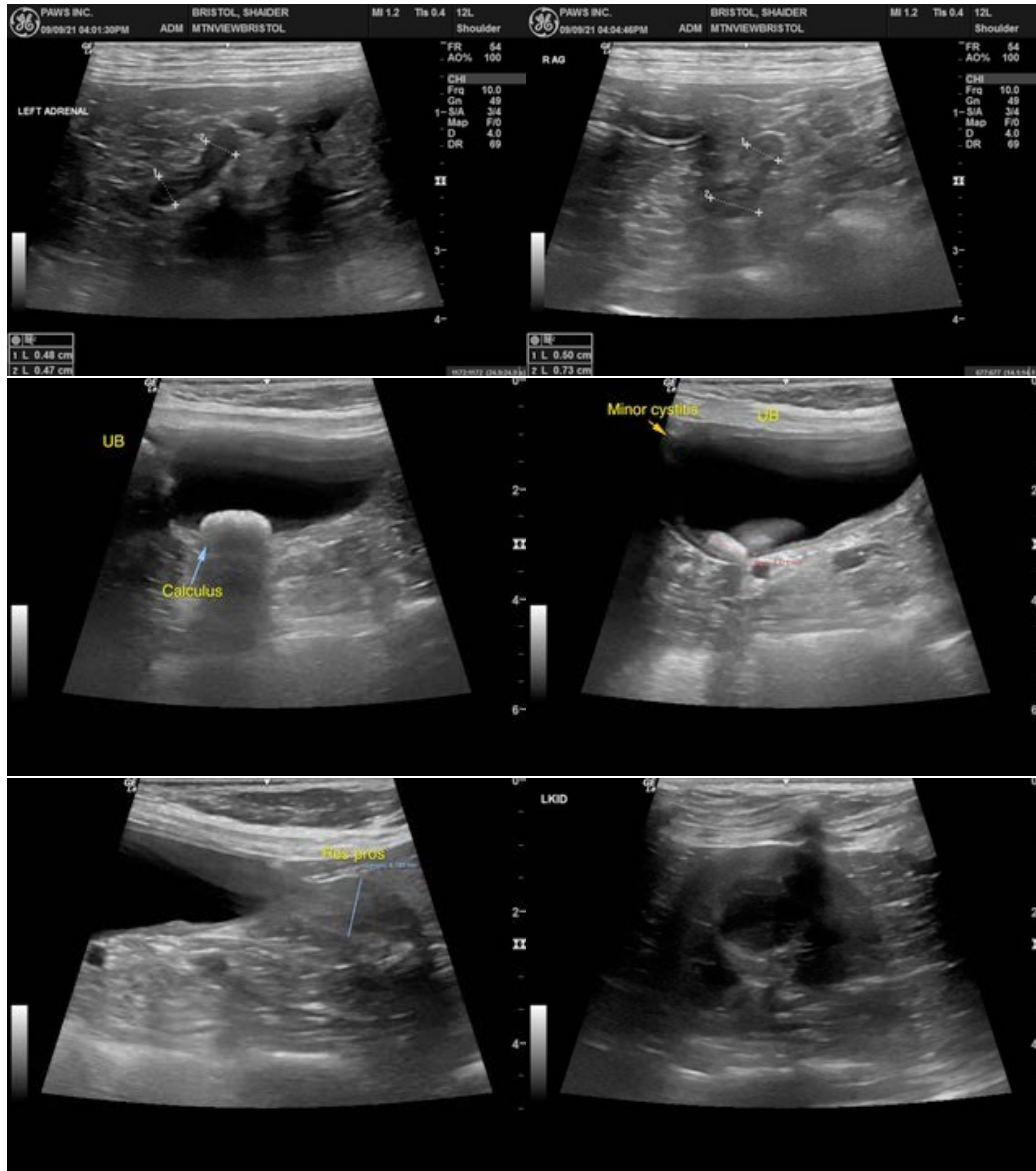
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BREED

JRT

SEX

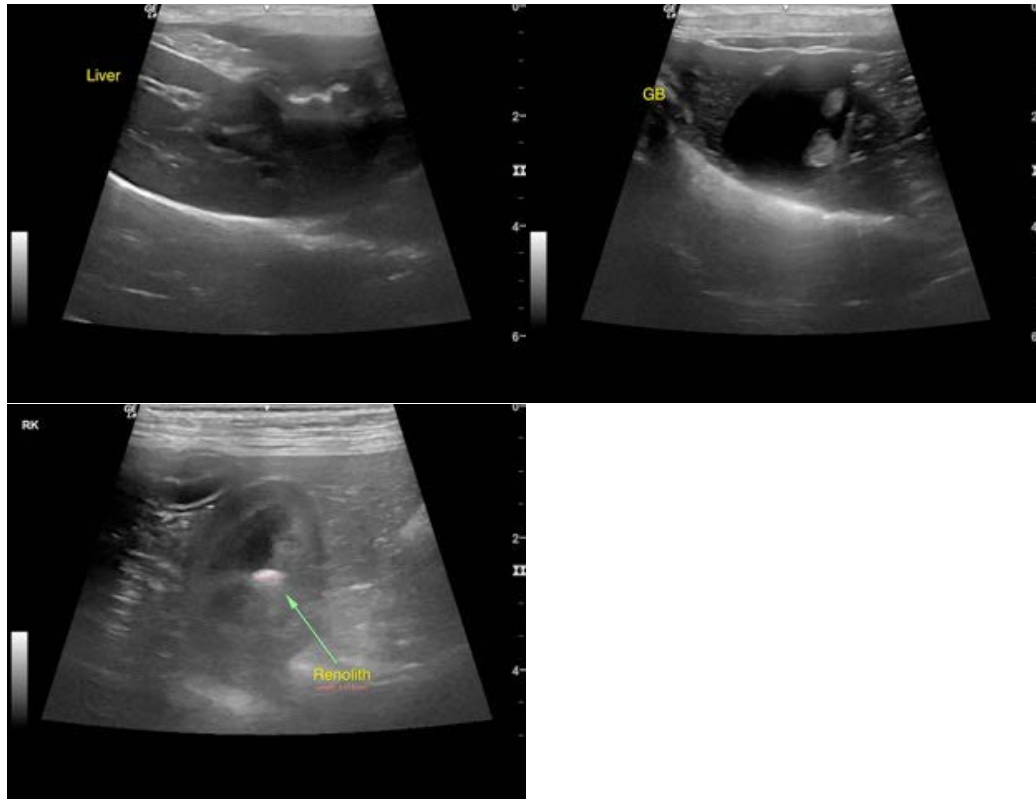
Neutered Male

AGE

10 Years

WEIGHT

12.8 Pounds



INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

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.

IMAGING BY

Loetitia Saint-Jacques,
LVT

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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