


PATIENT PRESENTING CLINICAL SIGNS

Rory Barnard History: Owner wants an abdominal ultrasound as a wellness check. Rory has occasional inappetence and also has mobility issues meds: Gabapentin 50 mg 1 tablet as needed for pain management; Gabapentin 100mg 1 capsule every 12 hours

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Unremarkable CBC Chem Please see attached BW and previous ultrasound report

BREED

Golden Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with a focal area of mild dependent mineral to small calculus measuring approximately 0.6 cm in diameter was present. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

MN

AGE

14 years

Normal size and margination was 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 7.1 cm in length. The right kidney measured 7.0 cm in length.

WEIGHT

74.4 lbs

The area of the aortic trifurcation was free of pathology.

No overt pathology in the area of the residual prostate.

INTERPRETED BY

R. McKenzie Daniel,
 DVM, DABVP
 (Canine and Feline)

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.61 cm width at the caudal pole and 2.5 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.55 cm width at the caudal pole and 2.1 cm length.

IMAGING PERFORMED BY

Kelly Reschny

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The previously noted splenic myelolipoma was not definitively visualized yet could still be present. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with no evidence of neoplastic or inflammatory changes.

HOSPITAL NAME

 Mountain Animal
 Hospital

REFERRING VET

Dr. McKenzie

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. No masses or nodules noted.

INVOICE

10793ag

DATE

06/13/2022

The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content with mild to moderate gallbladder debris exhibiting mild hyperechoic echogenicity. The cystic and common bile ducts were normal.



PATIENT *Gastrointestinal*

Rory Barnard 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.

SPECIES 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.

Canine

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

BREED *Pancreas*

Golden Retriever

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.

SEX

Free Abdomen

MN

No omental masses, overt or significant lymphadenopathy or peritoneal effusion was present.

AGE

ULTRASONOGRAPHIC FINDINGS

14 years

- Minor dependent urinary bladder mineral/small calculus
- Mild age related kidneys
- Sonographically unremarkable GI tract
- Moderate nonorganized gallbladder debris

WEIGHT

74.4 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Overall a mild geriatric abdomen without evidence of significant visceral pathology. The UB calculus is likely consistent with previously noted calculus and does not appear to be a clinical issue without evidence of concurrent cystitis. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

Hepatosupportive medications including Denamarin and Ursodiol may prove beneficial if evidence of cholestasis is noted.

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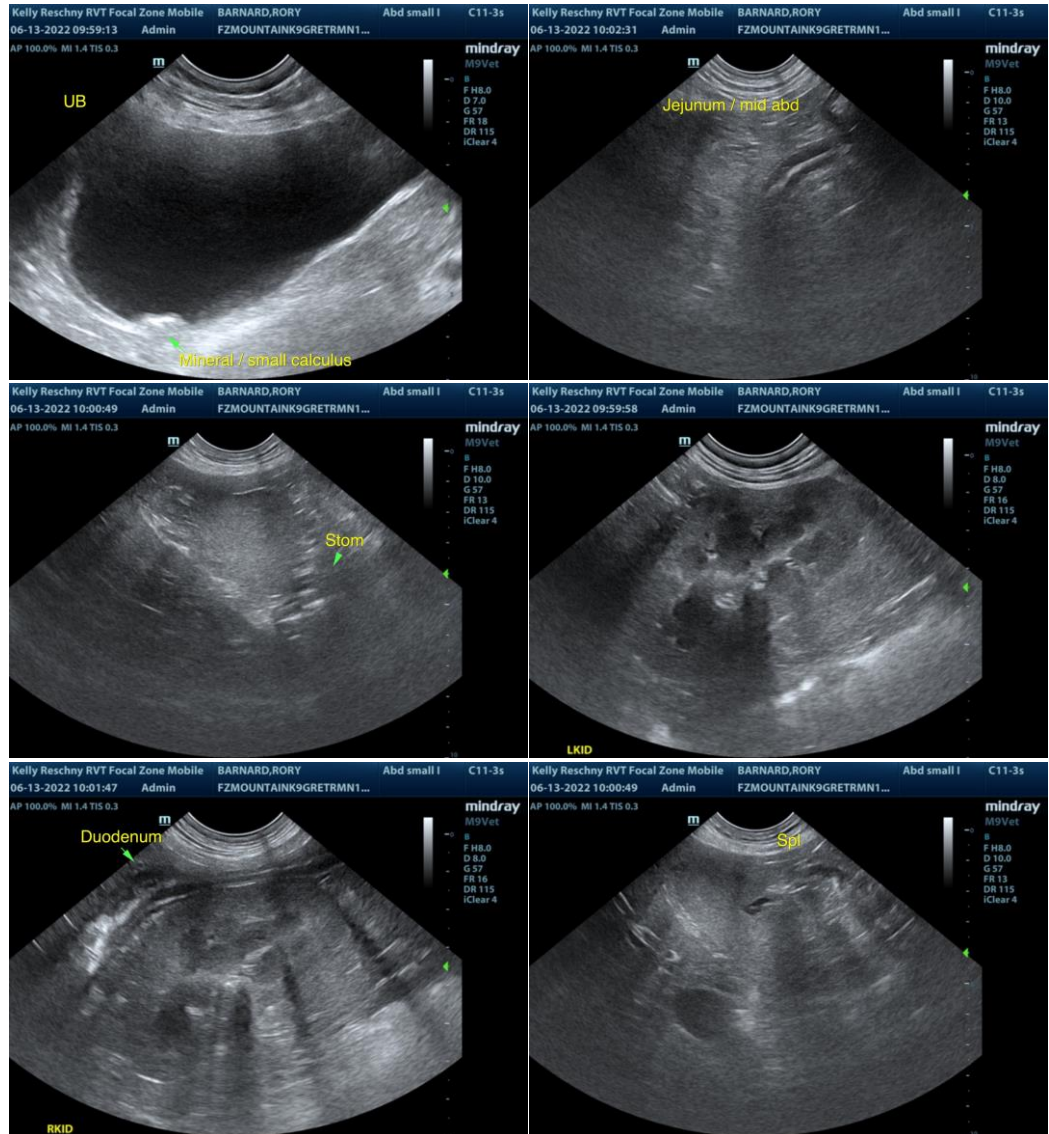
Dr. McKenzie

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PATIENT

Rory Barnard

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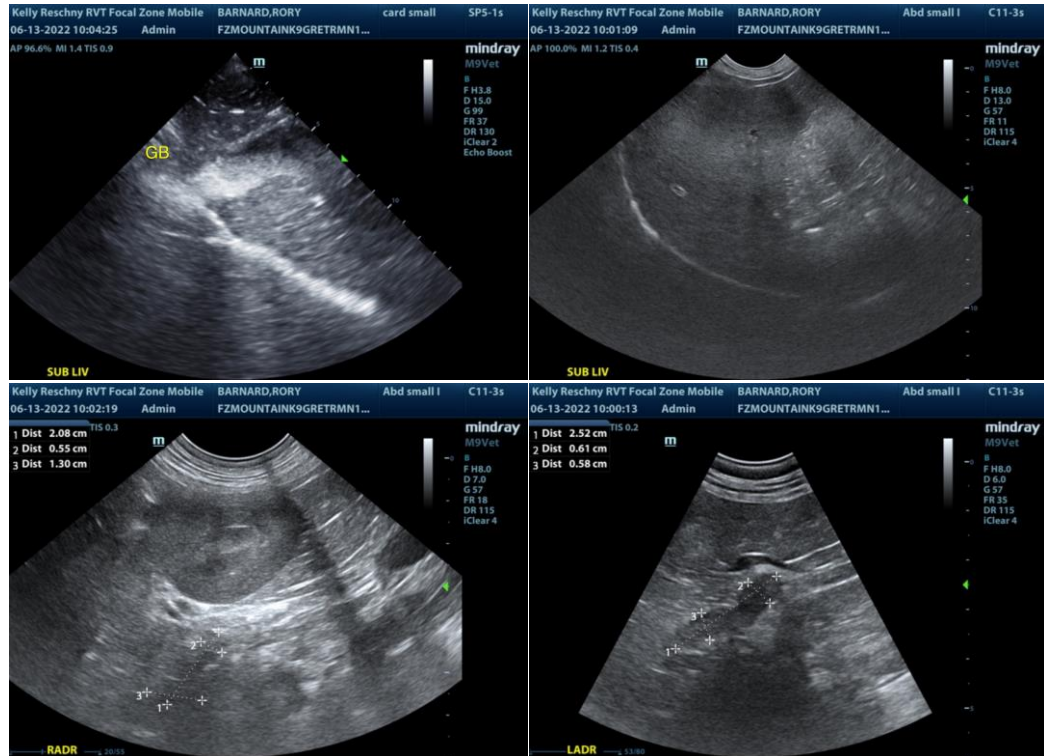
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com