



PATIENT	PRESENTING CLINICAL SIGNS
Fitz Rodriguez	Patient presents for hematuria vs. other.
SPECIES	Abnormal PE/Chem/CBC/UA Results: CBC/Chem: WNL. U/A: 3+ blood, 2+ bilirubin, C & S pending.
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	Urinary System
Mixed Breed	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with minor particulate sediment. The sediment may indicate cellular debris / protein, crystalline debris, lipid, or mucus. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
SEX	
MN	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 7.6 cm in length. The right kidney measured 6.7 cm in length.
AGE	
5yr	The area of the aortic trifurcation was free of pathology.
WEIGHT	The area of the residual prostate appeared normal and free of pathology measuring 0.8 cm.
105lb	Adrenal Glands
INTERPRETED BY	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.45 cm width at the caudal pole and 3.0 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.54 cm width at the caudal pole and 3.0 cm length.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Spleen
IMAGING PERFORMED BY	An irregular non-homogenous mass involving the spleen with secondary capsule expansion and disruption was present in the mid to cranial spleen and measured 9 cm. The parenchyma of the mass was heterogeneous to mixed echogenic without areas of cavitation. The non-affected spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. A concurrent separate caudal splenic nodule measuring 0.8 cm in diameter was present. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.
Kelly Vazquez	Liver/Gallbladder
HOSPITAL NAME	The liver was subjectively normal in size, structure, and contour. 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 thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
New Bridge Veterinary	Gastrointestinal
REFERRING VET	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate non-shadowing ingesta with no signs of ileus, obstruction or foreign material.
Dr. Glennon	
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PATIENT

Fitz Rodriguez

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.

SPECIES

Canine

Pancreas

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.

BREED

Mixed Breed

Free Abdomen

Mild primarily perisplenic free fluid and regional hyperechoic omentum was present.

SEX

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

MN

ULTRASONOGRAPHIC FINDINGS

AGE

5yr

- Irregular mixed echogenic mid to cranial splenic mass with concurrent caudal splenic nodule
- Overtly normal liver/gallbladder
- Gastric ingesta
- Structurally normal urinary bladder/residual prostate with minor urinary bladder sediment

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

105lb

The splenic mass is nonspecific with considerations including hyperplasia, hematopoiesis, granuloma, splenitis, or neoplasia (sarcoma, round cell neoplasia, other). Suspect mild hemorrhage associated with the splenic mass primarily around the spleen. No obvious evidence of major organ or cardiac metastasis.

INTERPRETED BY

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

Given potential for mild perisplenic hemoabdomen and assuming no thoracic pathology on three view thoracic radiographs, laparotomy with splenectomy, gross inspection of the perisplenic omentum and liver is recommended. A guarded prognosis is indicated pending splenic histopathology.

IMAGING PERFORMED BY

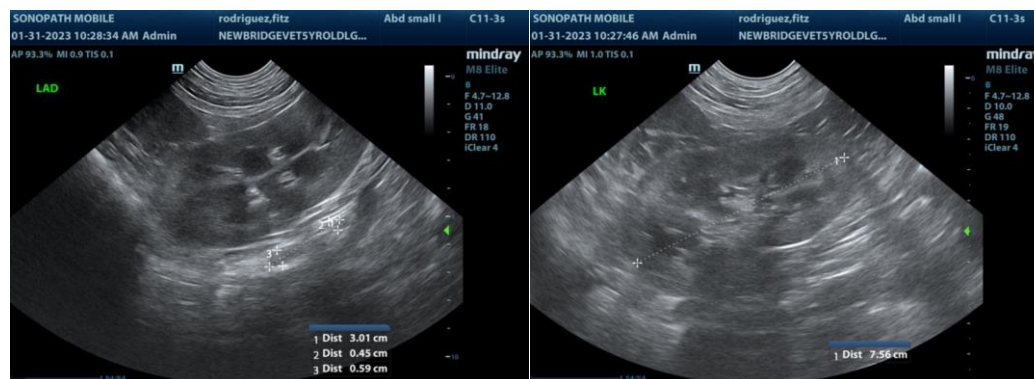
Kelly Vazquez

HOSPITAL NAME

New Bridge
Veterinary

REFERRING VET

Dr. Glennon



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PATIENT

Fitz Rodriguez

SPECIES

Canine

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Mixed Breed

SEX

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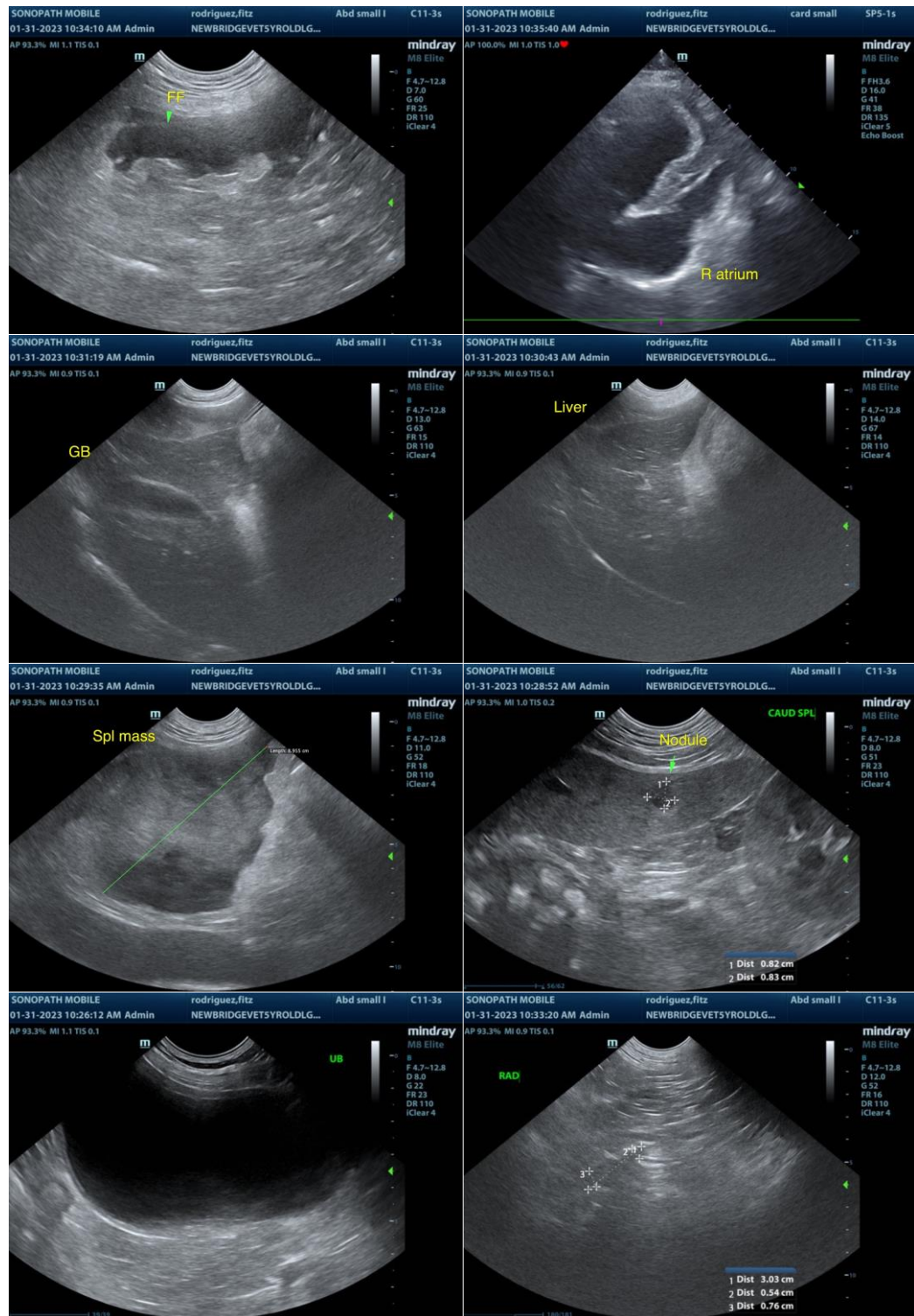
Dr. Glennon

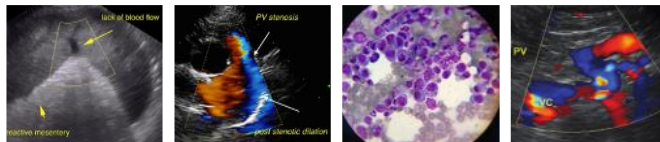
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Fitz Rodriguez

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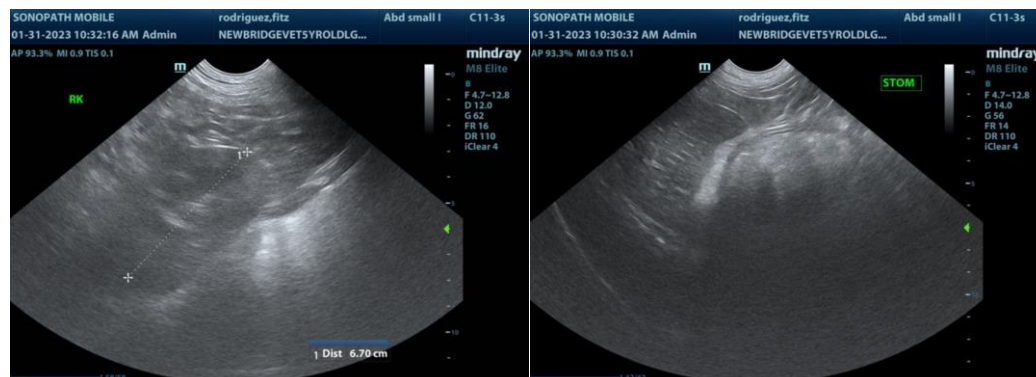
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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