



**PATIENT**

Shadow Lobb

**PRESENTING CLINICAL SIGNS**

Throwing up, not eating. Current meds: lomotil, proviable, metronidazole

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

**BREED**

Border Collie

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 5.4 cm in length. The right kidney measured 5.3 cm in length.

**SEX**

MN

**AGE**

5yr

The area of the aortic trifurcation was free of pathology.

The area of the residual prostate appeared normal and free of pathology.

**Adrenal Glands**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.44 cm width at the caudal pole and 2.2 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.64 cm width at the caudal pole and 2.3 cm length.

**WEIGHT**

42.2lb

**INTERPRETED BY**

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

**Spleen**

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.

**IMAGING PERFORMED BY**

Jessica Miller

**Liver/Gallbladder**

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. Normal vascular volume. 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.

**HOSPITAL NAME**

Pompton Lakes AH

**REFERRING VET**

Dr McConnell

**Gastrointestinal**

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild non-shadowing ingesta/chyme with no signs of ileus, obstruction or foreign material.

**INVOICE**

14460ag

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.

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07/31/2023



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Normal visible colon wall layers were present with generalized soft to potentially non-formed feces in lumen.

**Pancreas**

**SPECIES**

Canine

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**

Border Collie

**Free Abdomen**

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

**SEX**

MN

**ULTRASONOGRAPHIC FINDINGS**

- Sonographically unremarkable GI tract with minor gastric ingesta/chyme.
- Normal colon with generalized soft to non-formed feces.

**AGE**

5yr

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Overall, there is no overt evidence of significant abdominal visceral pathology as a definitive cause of the patient's clinical signs. No evidence of GI structural pathology, obstructive pattern, foreign material or active pancreatitis. Non-structural intestinal disease given the presence of soft to non-formed fecal matter, dietary indiscretion / food hypersensitivity, occult parasitism, occult Addison's disease, low grade to chronic pancreatitis which may appear sonographically normal are all potentials.

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A GI panel to include PLI/TLI/Cobalamin/Folate is recommended. Although considered unlikely considering normal adrenal presentation, a resting cortisol level to rule out occult Addison's disease is recommended. Survey three view chest radiographs are recommended if not done to assess for occult thoracic/esophageal pathology. No indication for surgical intervention unless intestinal biopsies are indicated.

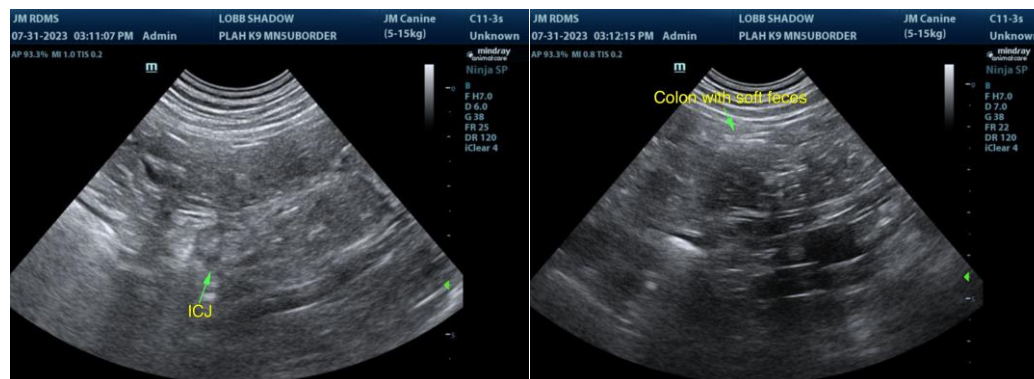
**IMAGING PERFORMED BY**

Jessica Miller

Continued as needed GI support is recommended pending additional diagnostics.

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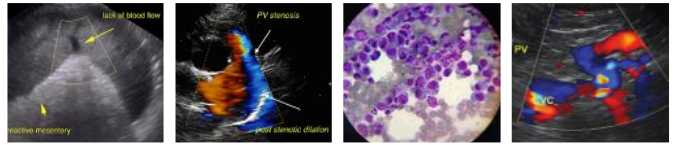
Dr McConnell

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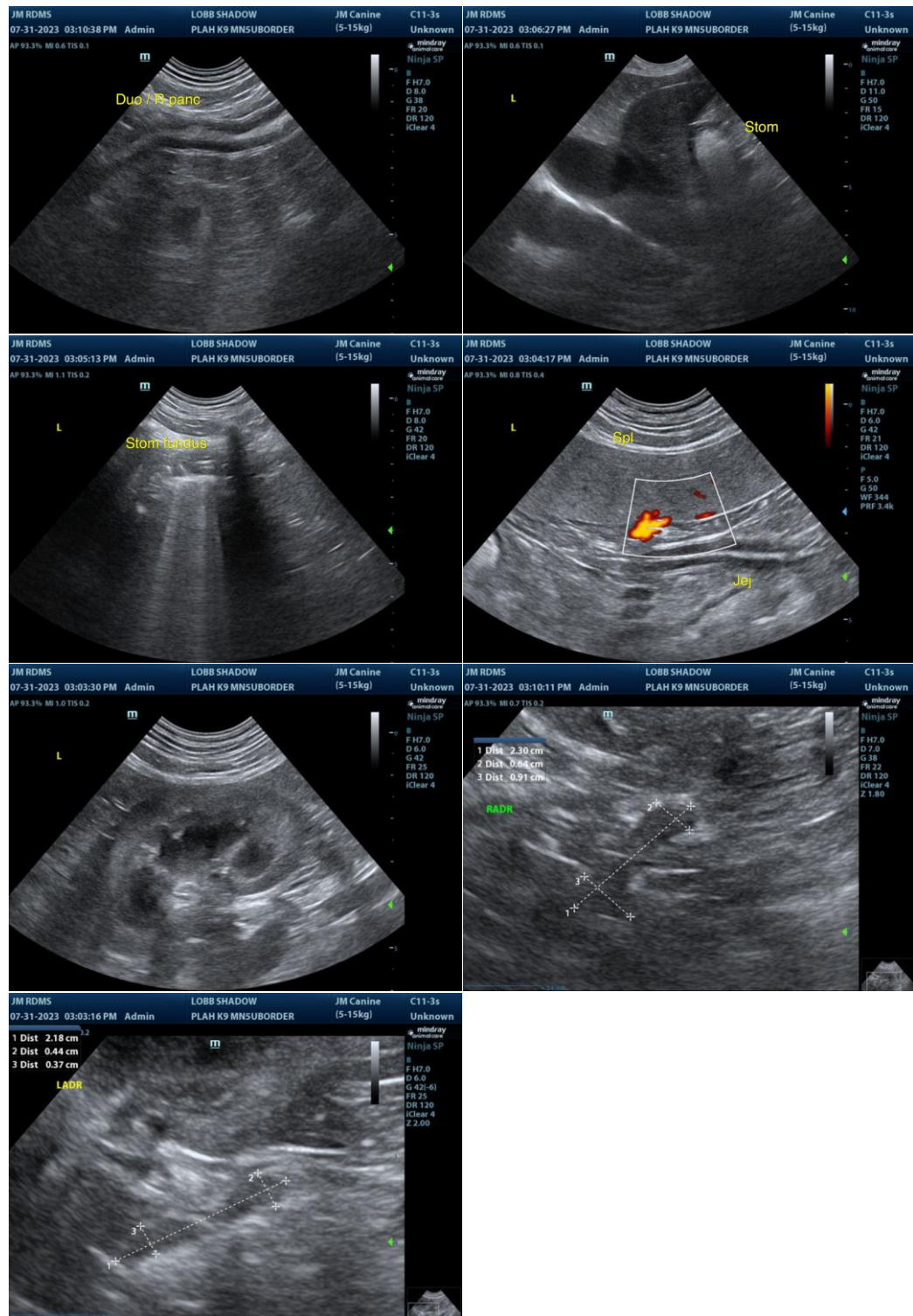
Dr McConnell

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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.

**SPECIES**

Canine

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.

**BREED**

Border Collie

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

[info@sonopath.com](mailto:info@sonopath.com)

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