

<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Mariah McClellan	painful when palpate abdomen painful musculoskeletal in general
<b>SPECIES</b>	Current Medications tramadol - rimadyl - gabapentin
Canine	Radiographic Findings previous rads in may possible splenomegaly Primary Question/Differential to Be Answered in This Exam spleen issues?
<b>BREED</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
German Shepherd	<b>Urinary System</b>
<b>SEX</b>	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.
FS	
<b>AGE</b>	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 7.4 cm in length. The right kidney measured 7.9 cm in length
12yr	
<b>WEIGHT</b>	The area of the aortic trifurcation was free of pathology.
101lb	
<b>INTERPRETED BY</b>	<b>Adrenal Glands</b>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	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 3.1 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.83 cm width at the caudal pole and 3.7 cm length.
<b>IMAGING PERFORMED BY</b>	<b>Spleen</b>
Jenna Walsh CVT	The spleen exhibited normal size and contour with subtle parenchyma heterogeneity and intermittent non-disruptive small hyperechoic nodules. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.
<b>HOSPITAL NAME</b>	<b>Liver</b>
Q Street Animal Hospital	The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content and mild non-organized hyperechoic debris. The cystic and common bile ducts were normal.
<b>REFERRING VET</b>	<b>Gastrointestinal</b>
Dr. Burke	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.
<b>INVOICE</b>	
12406ag	
<b>DATE</b>	
12/13/2022	



**PATIENT**

Mariah McClellan

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**

German Shepherd

**Free Abdomen**

**SEX**

No overt lymphadenopathy or peritoneal effusion was present.

FS

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

**AGE**

12yr

**ULTRASONOGRAPHIC FINDINGS**

- Age related kidney changes
- Mild age-related spleen with benign nodules-consistent with benign myelolipomas, no evidence of neoplastic criteria
- Mild hepatic parenchyma remodeling-benign
- Gall bladder debris (non-mucocele)

**WEIGHT**

101lb

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INTERPRETED BY**

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

Overall, a geriatric abdomen without evidence of significant visceral pathology. No evidence of splenomegaly or neoplastic criteria. Potential for minor incidental previous or concurrent hyperplasia, hematopoiesis or less likely breed associated hypersplenism possible. Extra abdominal pain or discomfort suspected.

**IMAGING  
PERFORMED BY**

Jenna Walsh CVT

**HOSPITAL NAME**

Q Street Animal  
Hospital

**REFERRING VET**

Dr. Burke

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**PATIENT**

Mariah McClellan

**SPECIES**

Canine

**BREED**

German Shepherd

**SEX**

FS

**AGE**

12yr

**WEIGHT**

101lb

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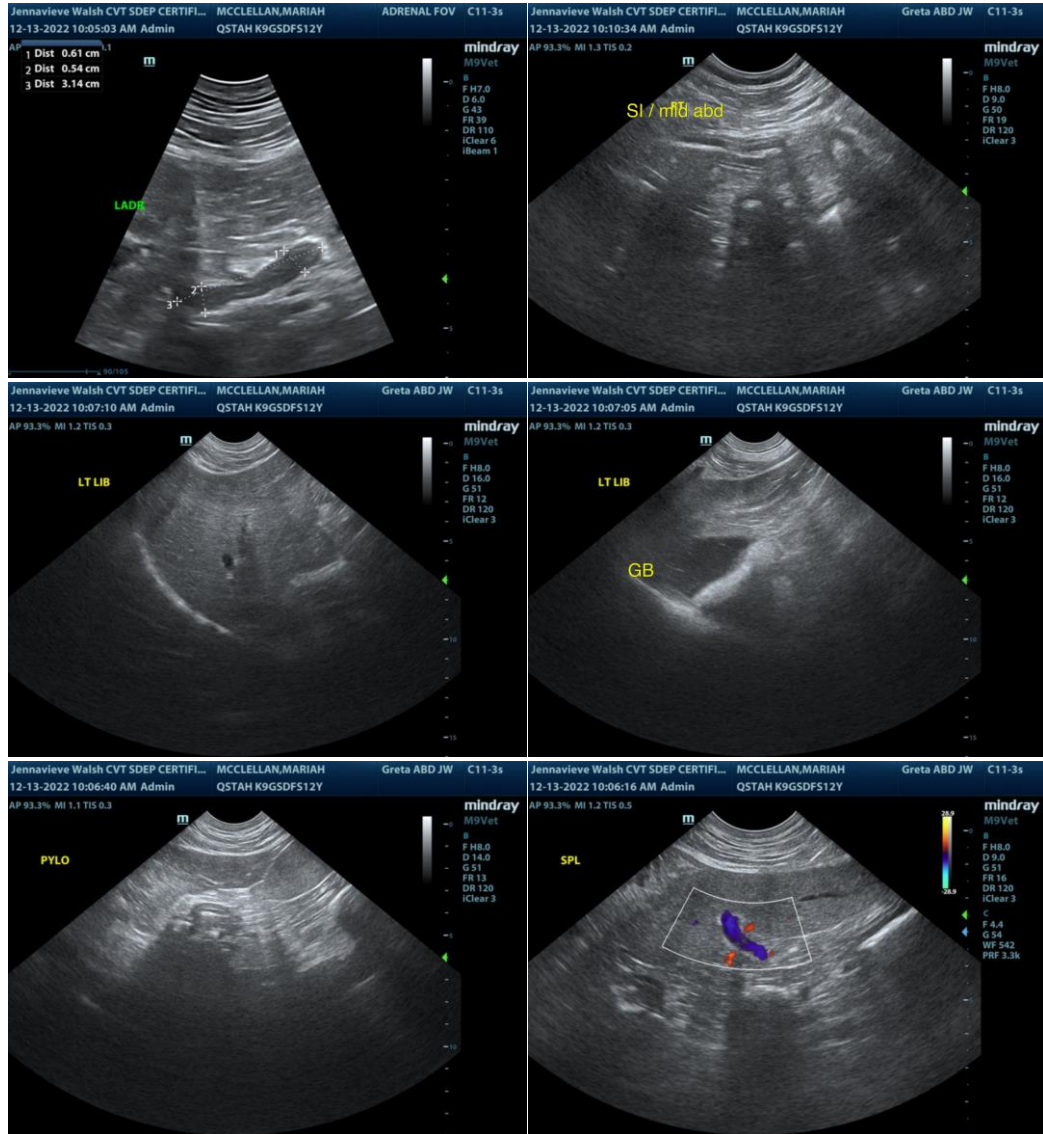
Dr. Burke

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**PATIENT**

Mariah McClellan

**SPECIES**

Canine

**BREED**

German Shepherd

**SEX**

FS

**AGE**

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**WEIGHT**

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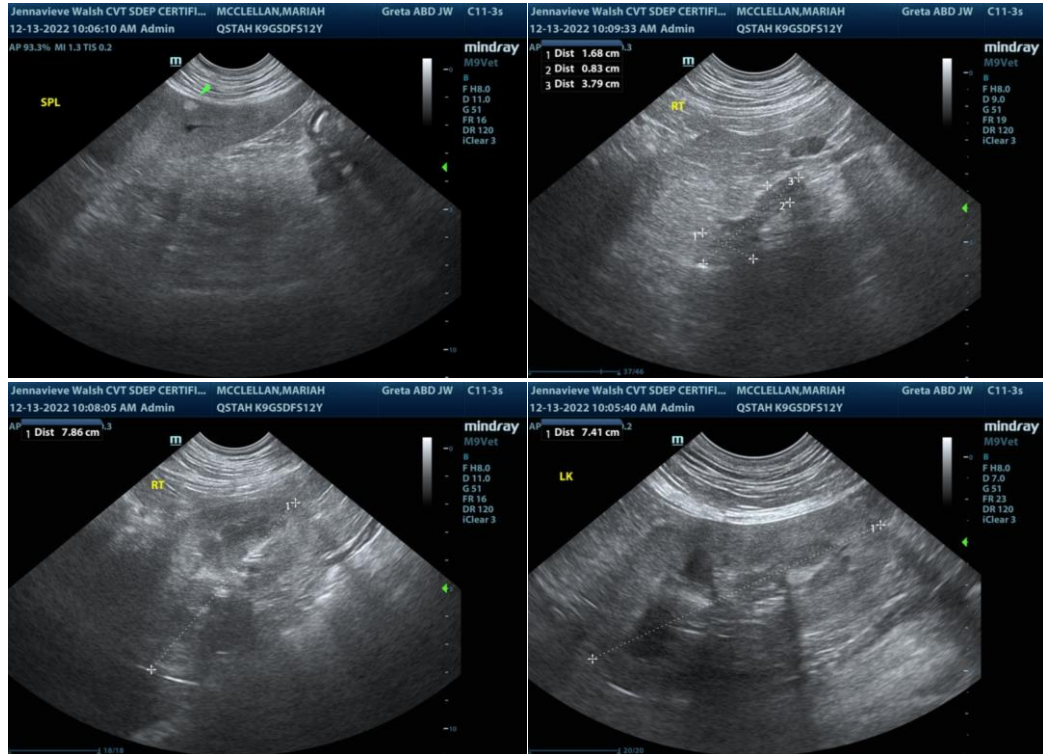
Dr. Burke

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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