



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Mac Miller  
**SPECIES** Canine  
**BREED** Golden Retriever  
**SEX** MN  
**AGE** 9yr  
**WEIGHT** 71lb

Recheck echocardiogram and AUS. VPCs, historical. Splenomegaly, subjective, mild, on prior AUS 1/31/22 (R. McKenzie, Daniel, DVM, DABBVP) Currently, doing well. Needs anesthesia for mass removal and dental procedure. -Pertinent previous echo findings (1-31-22 Scott Forney, DVM, DACVIM - Cardiology ): LA 2.7 cm, LA: Ao 1.22, LV 3.93 cm, normal LA size, trace MR. Normal cardiac structure and function. \* Sedated with Alfaxalone/Butorphanol.

**ULTRASONOGRAPHIC RECHECK EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4 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.

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

The area of the aortic trifurcation was free of pathology.

No overt pathology in the area of the residual prostate, measuring 0.92 cm in diameter.

**Adrenal Glands**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.59 cm width at the caudal pole and 0.50 cm width at the cranial pole. 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 0.70 cm width at the cranial pole.

**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.

**Liver**

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 mild non-dependent mildly inspissated hyperechoic non-shadowing debris. No evidence of peripheral gallbladder inflammation. The cystic and common bile ducts were normal.

**Gastrointestinal**

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.

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. The duodenum wall measured 0.47 cm in width. The jejunum wall measured 0.25 cm in width.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Pamela Harrigan, RDCS

**HOSPITAL NAME**

Falmouth Animal Hospital

**REFERRING VET**

Dr. Hauser

**INVOICE**

11764ag

**DATE**

10/03/2022



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

Mac Miller **Pancreas**

**SPECIES** 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.

Canine

**Free Abdomen**

**BREED** No omental masses, lymphadenopathy or peritoneal effusion was present.

Golden Retriever

**ULTRASONOGRAPHIC FINDINGS**

- SEX**
- Sonographically unremarkable abdomen
  - Mild inspissated hyperechoic gallbladder debris
- MN**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE** Overall, no overt evidence of significant abdominal visceral pathology including no evidence of persistent/progressive splenomegaly was present. The gallbladder debris is non-specific and likely incidental assuming no evidence of cholestasis. Ursodiol therapy may be considered if evidence of current or future cholestasis is noted. No evidence of intra-abdominal neoplastic criteria was present.

**WEIGHT**

71lb

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Pamela Harrigan, RDCS

**HOSPITAL NAME**

Falmouth Animal Hospital

**REFERRING VET**

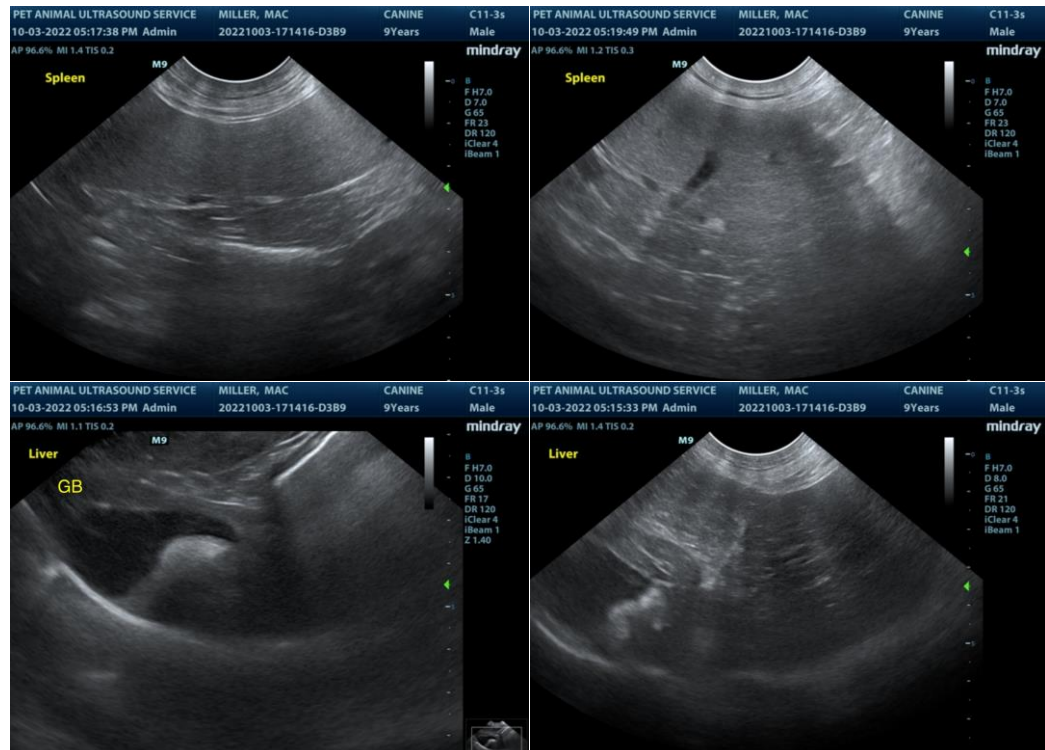
Dr. Hauser

**INVOICE**

11764ag

**DATE**

10/03/2022





**PATIENT**

Mac Miller

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

MN

**AGE**

9yr

**WEIGHT**

71lb

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Pamela Harrigan, RDCS

**HOSPITAL NAME**

Falmouth Animal  
 Hospital

**REFERRING VET**

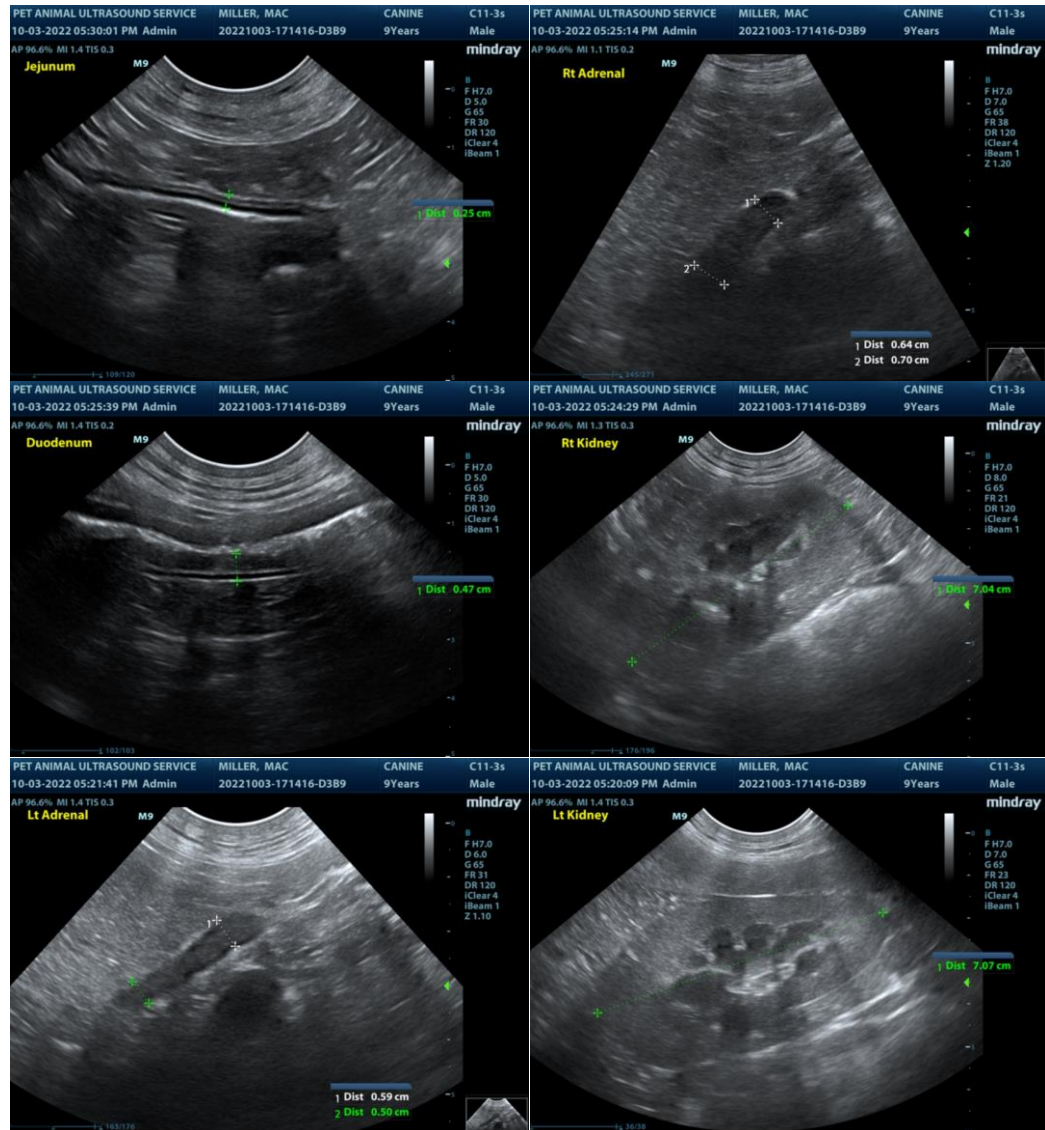
Dr. Hauser

**INVOICE**

11764ag

**DATE**

10/03/2022



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.

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