

**PATIENT PRESENTING CLINICAL SIGNS**

Callie Viau Recent MCT removal. Staging AUS. Chest radiographs NSF.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Canine

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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**

Golden Retriever

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The right kidney measured 7.2 cm. The left kidney measured 6.9 cm.

**SEX**

Spayed Female

**Adrenal Glands**

**AGE**

10 Years

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.45 cm at the cranial pole and 0.49 cm at the caudal pole. The right adrenal gland measured 0.42 cm at the cranial pole and 0.54 cm at the caudal pole.

**WEIGHT**

75 Pounds

**Spleen**

The spleen exhibited subjective mild splenomegaly with symmetrical capsule contour. Finely textured to subtly heterogeneous parenchyma. No splenic masses or nodules visualized. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

**INTERPRETED BY**

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

**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 primarily anechoic luminal content. The cystic and common bile ducts were normal.

**IMAGING PERFORMED BY**

Pamela Harrigan, RDMS

**Gastrointestinal**

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild ingesta exhibiting subtle progressive distal acoustic shadowing with luminal gas. No signs of ileus, obstruction or foreign material.

**HOSPITAL NAME**

Norfolk County VS

**REFERRING VET**

Dr. Christina Poor

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.

**INVOICE**

47154

**Pancreas**

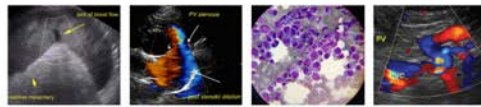
The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

**DATE**

5/4/23

**Free Abdomen**

Intermittent, mildly prominent to enlarged medial iliac and mesenteric nodes were present. Example of medial iliac lymph node measured 2.2 cm x 0.47 cm. Example of mesenteric lymph node measured 2.1



**PATIENT**

Callie Viau

cm x 0.41 cm. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph nodes were not consistent with inflammatory or neoplastic criteria, and were incidental.

**SPECIES**

Canine

*Free Abdomen*  
 No omental masses, lymphadenopathy, or peritoneal effusion.

**BREED**

Golden Retriever

**ULTRASONOGRAPHIC FINDINGS**

- Subjective mild splenomegaly – non-specific.
- Intermittent minor benign/reactive mesenteric and medial iliac lymph nodes – not consistent with neoplastic/metastatic criteria.

**SEX**

Spayed Female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Largely sonographically unremarkable abdomen without definitive evidence of intraabdominal primary or metastatic neoplastic criteria. The subjective mild splenomegaly may be incidental and suggestive of hyperplasia, hematopoiesis, patient variant, minor splenomegaly owing to sedation if clinically indicated. However, given history of cutaneous mast cell tumor and assuming normal clotting status, screening splenic FNA cytology using 25-gauge needle warranted, primarily to ensure only benign changes are present.

**AGE**

10 Years

**WEIGHT**

75 Pounds

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 DABVP (Canine and Feline)

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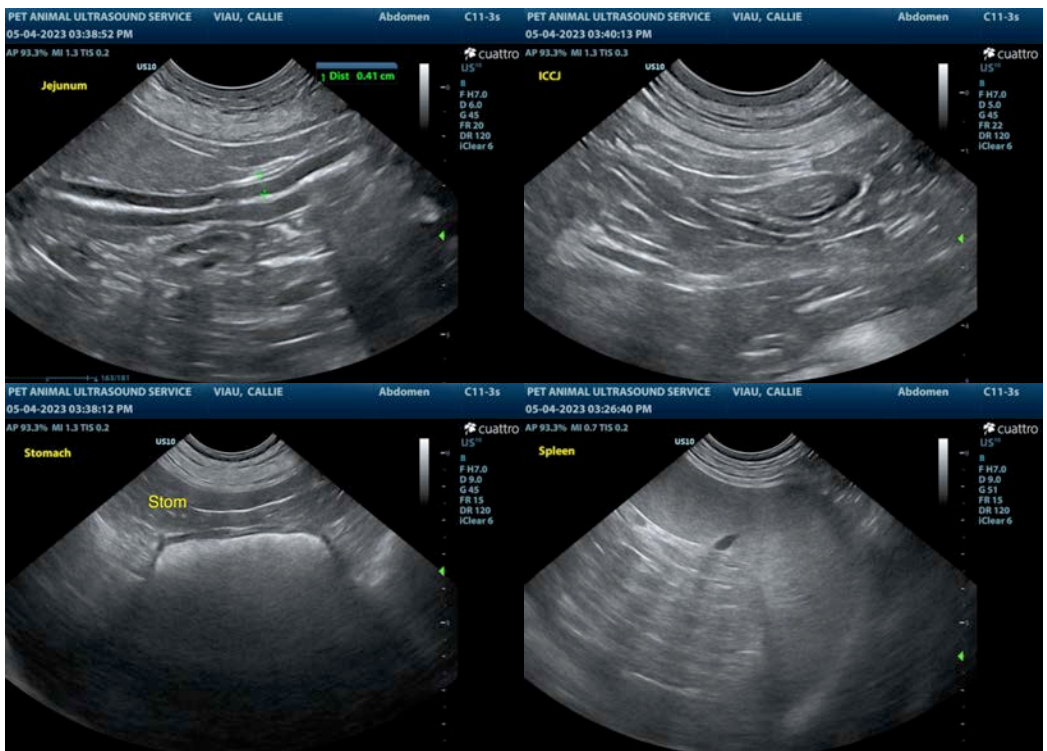
Dr. Christina Poor

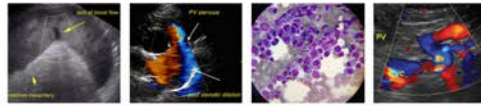
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**PATIENT**

Callie Viau

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

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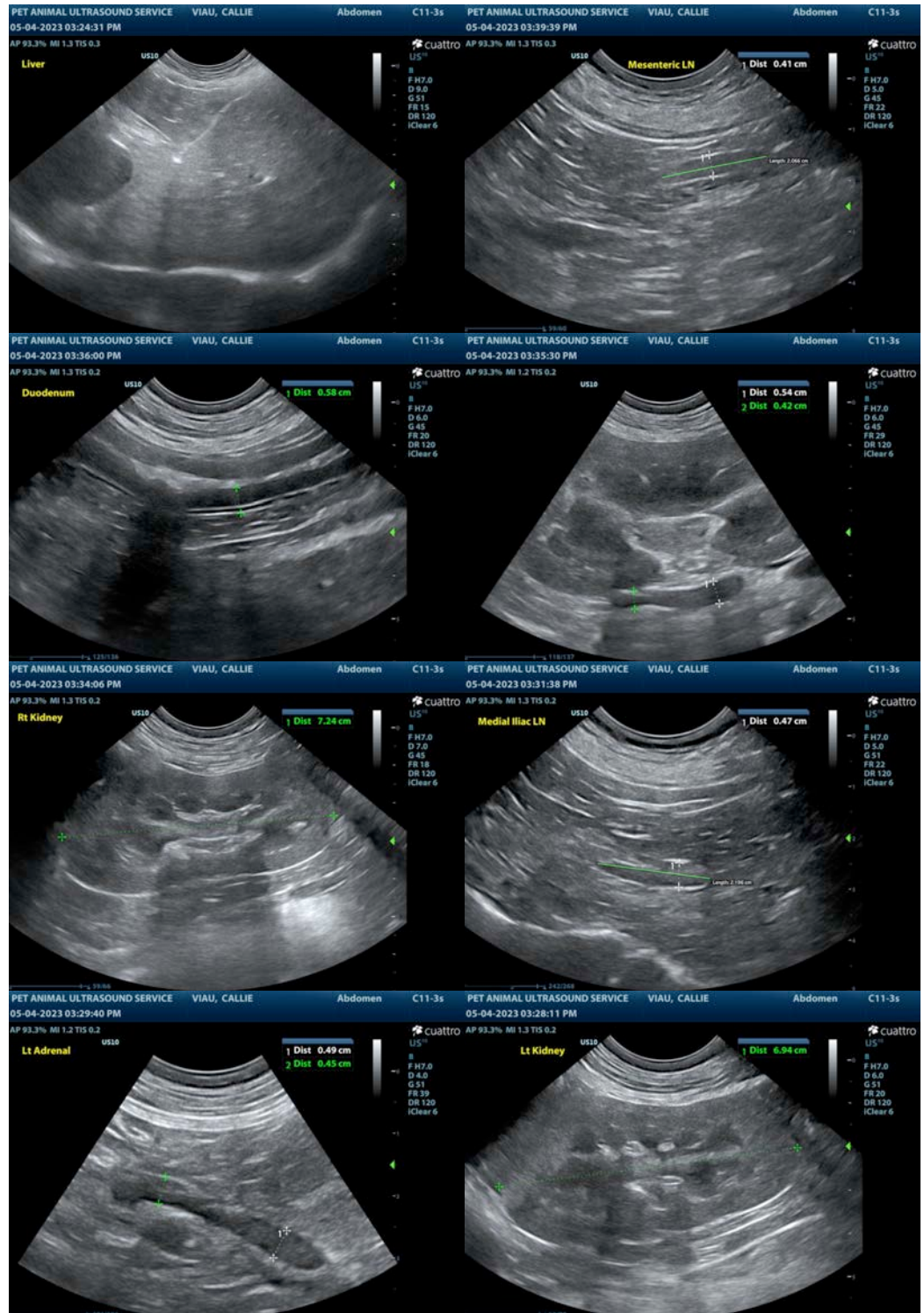
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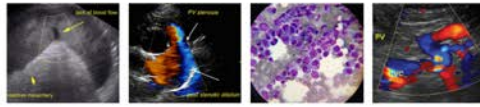
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**PATIENT**

Callie Viau

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.

**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**

Golden Retriever

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)  
info@SonoPath.com

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Spayed Female

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**WEIGHT**

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