



**PATIENT**

Trina Flaherty

**PRESENTING CLINICAL SIGNS**

MCT iii (high grade) mammary removed on 12/26/2022. Chest rads WNL. Screen for metastasis in abdomen.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

***Urinary System***

**BREED**

Husky

The urinary bladder, trigone, and cystourethral junction 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 was noted.

**SEX**

FS

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 6.3 cm in length. The right kidney measured 6.3 cm in length.

**AGE**

4 years

***Adrenal Glands***

**WEIGHT**

53 lbs.

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.43 cm width at the caudal pole and 0.37 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 0.35 cm width at the caudal pole and 0.38 cm width at the cranial pole.

**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**

Pamela Harrigan, RDCS

**HOSPITAL NAME**

Norfolk County  
 Veterinary Services

***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. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size containing primarily anechoic content with mild nondependent mobile echogenic gallbladder debris. No evidence of gallbladder or peripheral gallbladder inflammatory criteria was noted. The cystic and common bile ducts were normal.

**REFERRING VET**

Christina Poor,  
 BVetMed

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***Gastrointestinal***

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate nonshadowing ingesta / chyme without signs of obstruction or foreign material. The stomach was otherwise normal.

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1/12/23



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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. No signs of small intestinal mechanical / metabolic ileus. Mild duodenal chyme was present.

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

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**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 were evident.

**BREED**

Husky

**Free Abdomen**

Focal to intermittent mesenteric and medial iliac lymph nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example of a medial iliac lymph node measured 1.4 cm x 0.35 cm. An example of a mesenteric lymph node measured 2.6 cm x 0.53 cm.

**SEX**

FS

**AGE**

4 years

No omental masses or evidence of peritoneal effusion were noted.

**ULTRASONOGRAPHIC FINDINGS**

- Sonographically unremarkable abdomen

**WEIGHT**

53 lbs.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No sonographic evidence of visceral pathology, as well as no evidence of intraabdominal primary or metastatic neoplastic criteria.

The visualized mesenteric and medial iliac lymph nodes are considered incidental and not indicative of inflammatory or neoplastic criteria.

The minor gallbladder debris is likely incidental assuming no evidence of cholestasis.

Sonographic monitoring of the abdominal cavity based on oncology recommendations is suggested.

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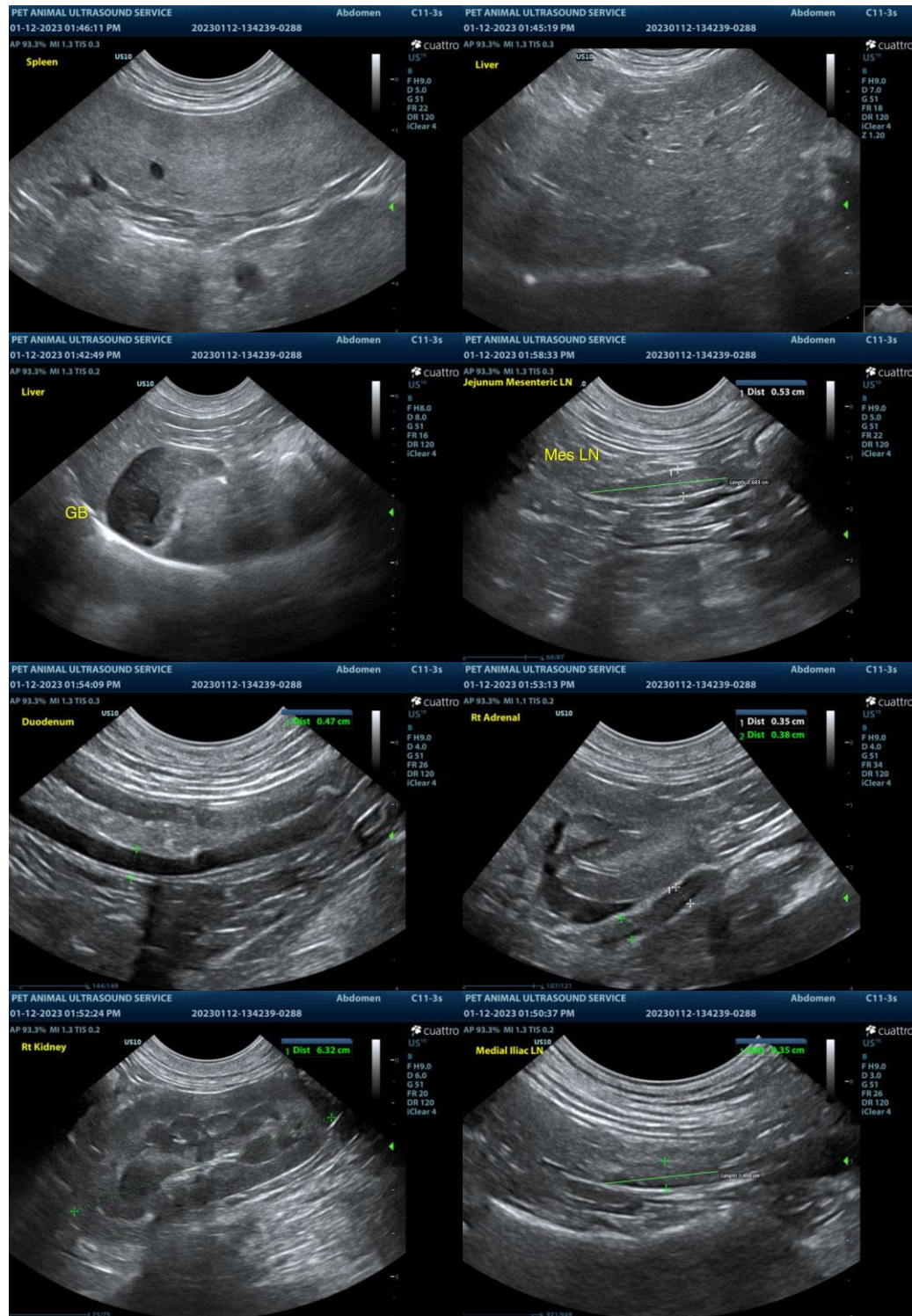
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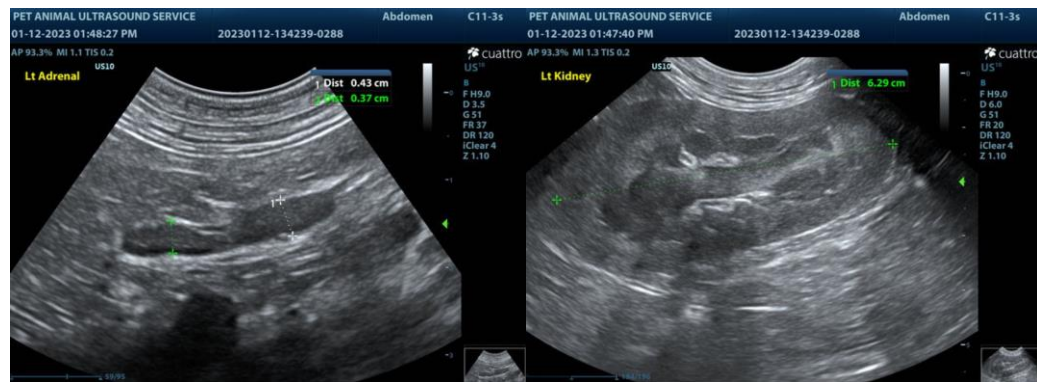
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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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.

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