



**PATIENT**

Sophie Allen

**PRESENTING CLINICAL SIGNS**

History: Suspect cranial abdomen mass on palpation; elevated WBCs.

**SPECIES**

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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**

Siamese Mix

The area of the aortic trifurcation was free of pathology.

**SEX**

Spayed Female

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 to moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.4 cm in length. The right kidney measured 3.6 cm in length.

**AGE**

14 Years

**Adrenal Glands**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.40 cm.

**WEIGHT**

6.6 Pounds

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.32 cm.

**INTERPRETED BY**

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

**Spleen**

The spleen was normal in size and exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory or neoplastic disease. The spleen measured 0.88 cm in width in the mid spleen. No splenic masses or nodules were noted.

**IMAGING PERFORMED BY**

Kelly Vazquez

**HOSPITAL NAME**

Englewood Vet Center

**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.

**REFERRING VET**

Dr. Ezik

The gallbladder was normal in size. The gallbladder appeared to be partially divided into two compartments containing anechoic content. The cystic and common bile duct were normal.

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**Gastrointestinal**

The stomach presented intact wall layering with a normal wall layer ratio. Mild shadowing ingesta was noted, sonographically consistent with food.

**DATE**

4/21/23



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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**

Feline

***Pancreas***

The pancreas was normal in size with minor capsule asymmetry with heterogenous subtly hypochoic parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

**BREED**

Siamese Mix

***Free Abdomen***

Focal to intermittent mild benign/reactive mesenteric lymph node/nodes were present. The lymph node/nodes were not consistent with inflammatory or neoplastic criteria and considered incidental. An example measured 1.0 cm x 0.4 cm. No omental masses or evidence of peritoneal effusion.

**SEX**

Spayed Female

***Other***

Transdiaphragmatic view of the caudal thorax revealed mild to possible moderate volume pleural effusion, exhibiting mild effusion echogenic changes.

**AGE**

14 Years

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

- Bilateral chronic renal changes
- Mild hepatic parenchymal remodeling
- Partially bilobed gallbladder- normal variant in a cat
- Minor benign/reactive mesenteric lymph node- incidental
- Mild pancreatic remodeling
- Transdiaphragmatic pleural effusion

**WEIGHT**

6.6 Pounds

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

This is a largely geriatric to benign abdomen without evidence of significant visceral pathology. No evidence of intraabdominal masses or neoplastic criteria as a potential cause of thoracic metastasis. Pending echocardiographic review, abdominocentesis for effusion analysis, cytology +/- culture and sensitivity, if evidence of inflammatory cells, may be considered.

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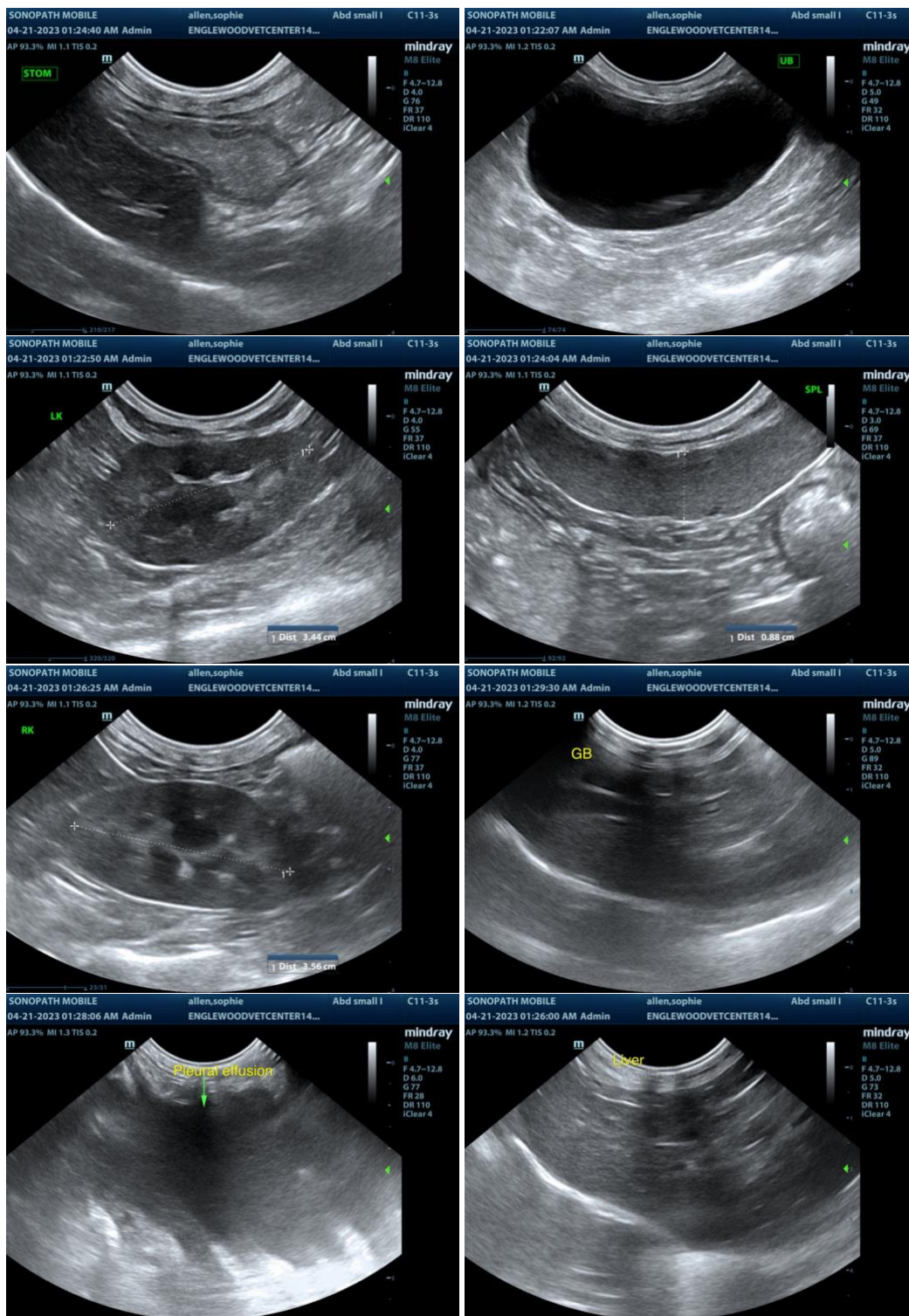
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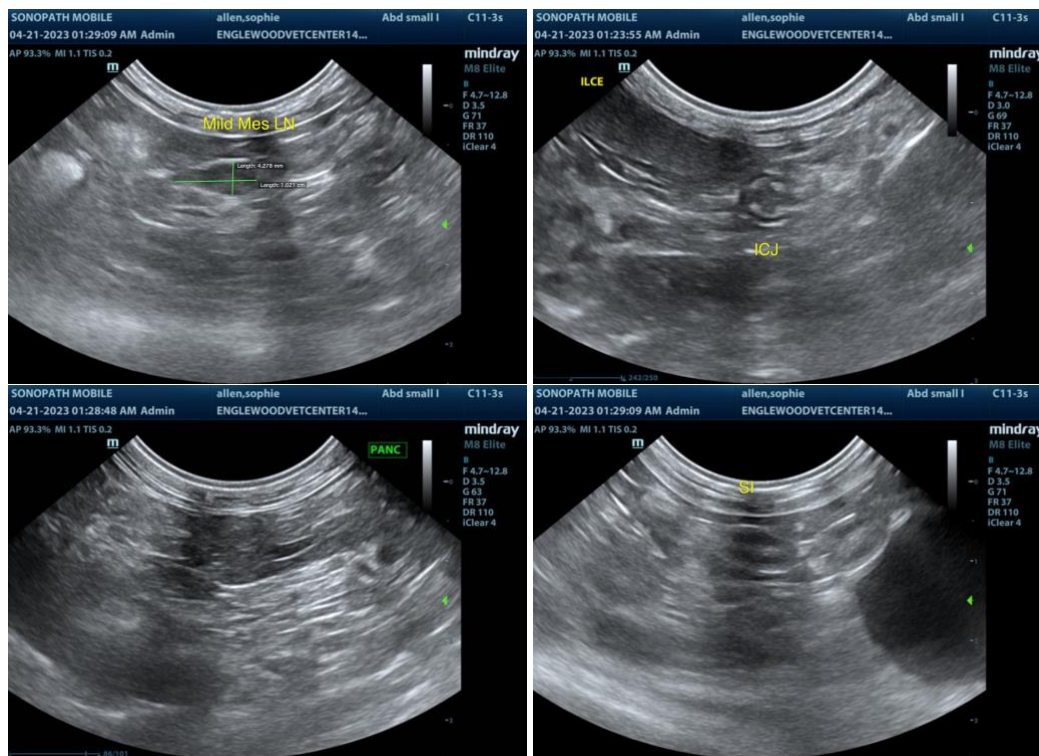
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)**  
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