



**PATIENT**

**PRESENTING CLINICAL SIGNS**

Lily Burney

Clinical Exam Findings: Vomiting. Bloody diarrhea.

**SPECIES**

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

**Urinary System**

The urinary bladder and visible portion of the pelvic urethra are normal for the degree of luminal distension. The urine is mostly anechoic with no evidence of debris. Cystic calculi and discrete masses are not observed. The region of the trigone and visible portion of the proximal urethra are normal.

**BREED**

Chihuahua

**SEX**

Female Spayed

The left kidney is normal in size (3.07 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

**AGE**

08/24/2018

The right kidney is normal in size (2.95 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

**WEIGHT**

9.2

**Adrenal Glands**

The left adrenal gland is normal in size (0.57 cm at cranial pole) (0.48 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**INTERPRETED BY**

Andrea Nicastro DVM  
Diplomate ACVIM  
(Sm Animal Internal Med)

The right adrenal gland is normal in size (0.50 cm at cranial pole) (0.45 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

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**Spleen**

The spleen is normal in size (0.79 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

**HOSPITAL NAME**

Saddleback Mobile Vet

**Liver**

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. The portal vein to caudal vena cava ratio is approximately 1: 1.

**REFERRING VET**

Dr Kelli Klein

The gallbladder lumen is moderately distended. The wall is thin and smooth. A small amount of suspended echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

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**Gastrointestinal**

The gastric lumen is mildly distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. The ileoceocolic junction is normal. A >6.5 cm mass effect is observed in the colonic wall. The wall in this region is severely thickened (up to 1.19 cm). A 2.92 x 1.59 cm hypoechoic mass is bulging from the serosal surface in this region. The mesentery surrounding the mass effect is hyperechoic. The remaining colonic wall is normal- to borderline thickened. There is no obvious evidence of an obstructive pattern.

**DATE**

3-6-26



**PATIENT**

**Pancreas**

Lily Burney

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

**SPECIES**

**Lymph Nodes**

Canine

A 2.07 x 1.47 cm hypoechoic- to heterogenous, rounded- to irregular lymph node is observed in the left-mid-abdomen. Surrounding mesentery is hyperechoic.

**BREED**

**Free Abdomen**

Chihuahua

The peritoneal cavity is normal. There is no evidence of inflammation or effusion.

**SEX**

**Other**

Female Spayed

A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

**ULTRASONOGRAPHIC FINDINGS**

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- The colonic wall mass is more most concerning for infiltrative neoplasia (i.e., lymphoma, adenocarcinoma) with a low possibility of an inflammatory process. Adjacent peritonitis is present.
- The regional lymphadenopathy could be consistent with metastatic disease or less likely, reactive change.

**WEIGHT**

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\*An ultrasound-guided fine-needle aspirate of the colonic wall mass was performed at the end of this study without incident.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- Three-view thoracic radiographs are recommended to assess for pulmonary metastases.
- Submission of the colonic mass aspirates is recommended.
- Depending on the results of the above diagnostics, consultation with a board-certified oncologist and/or surgeon may be warranted.

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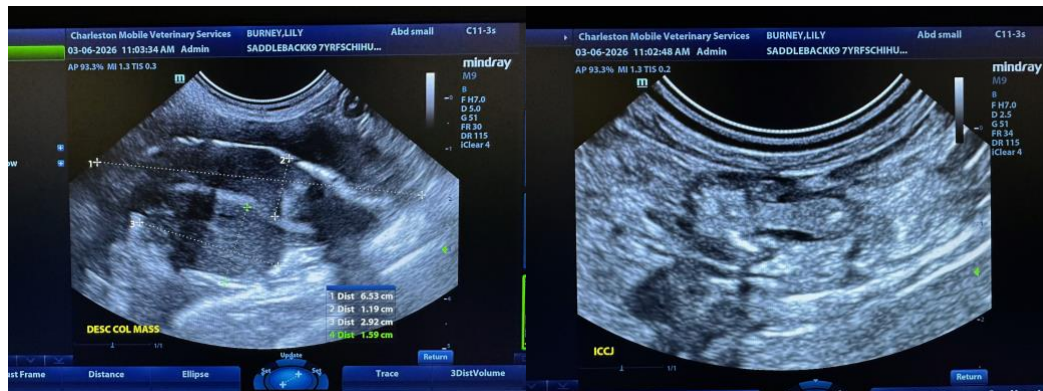
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**SPECIES**

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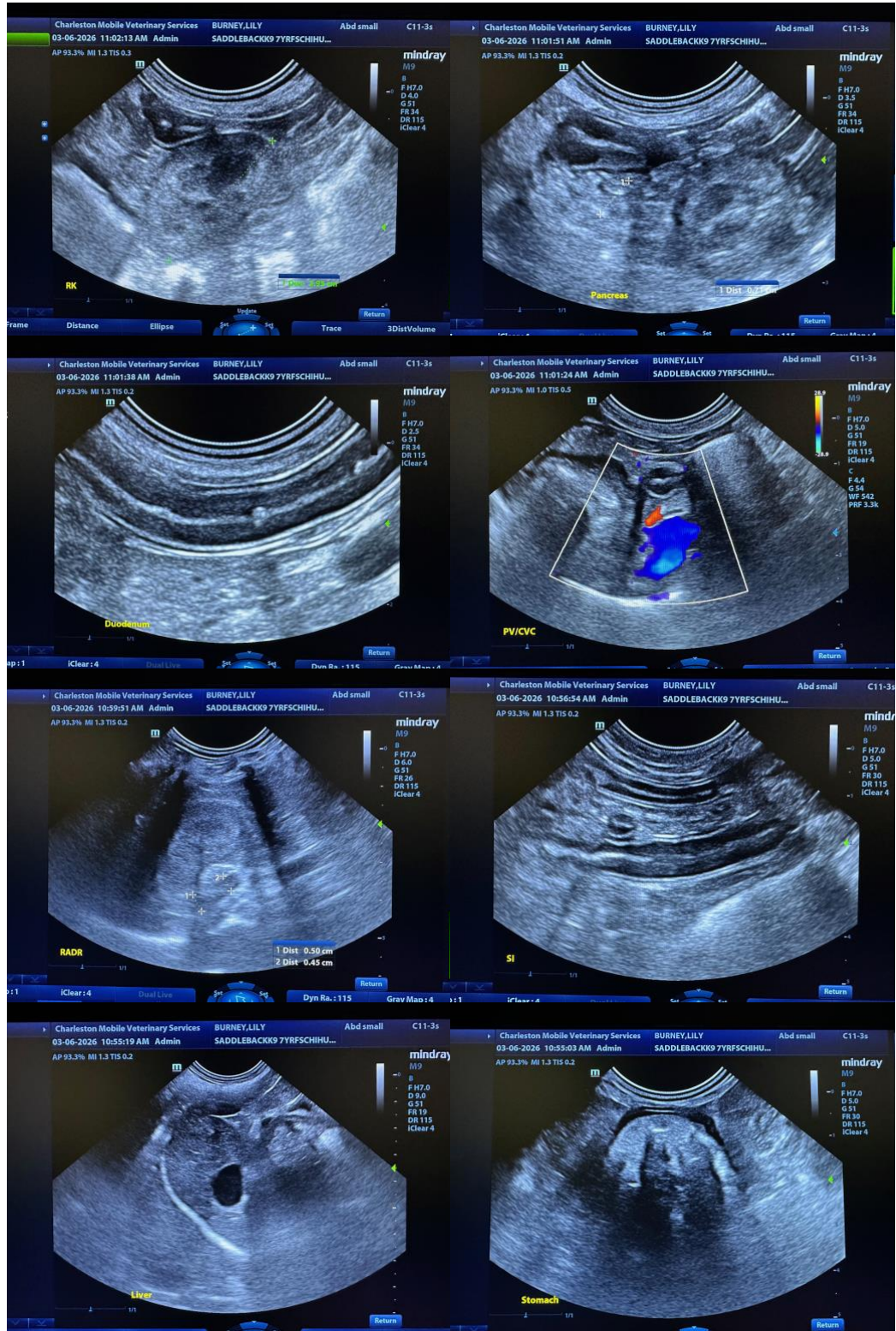
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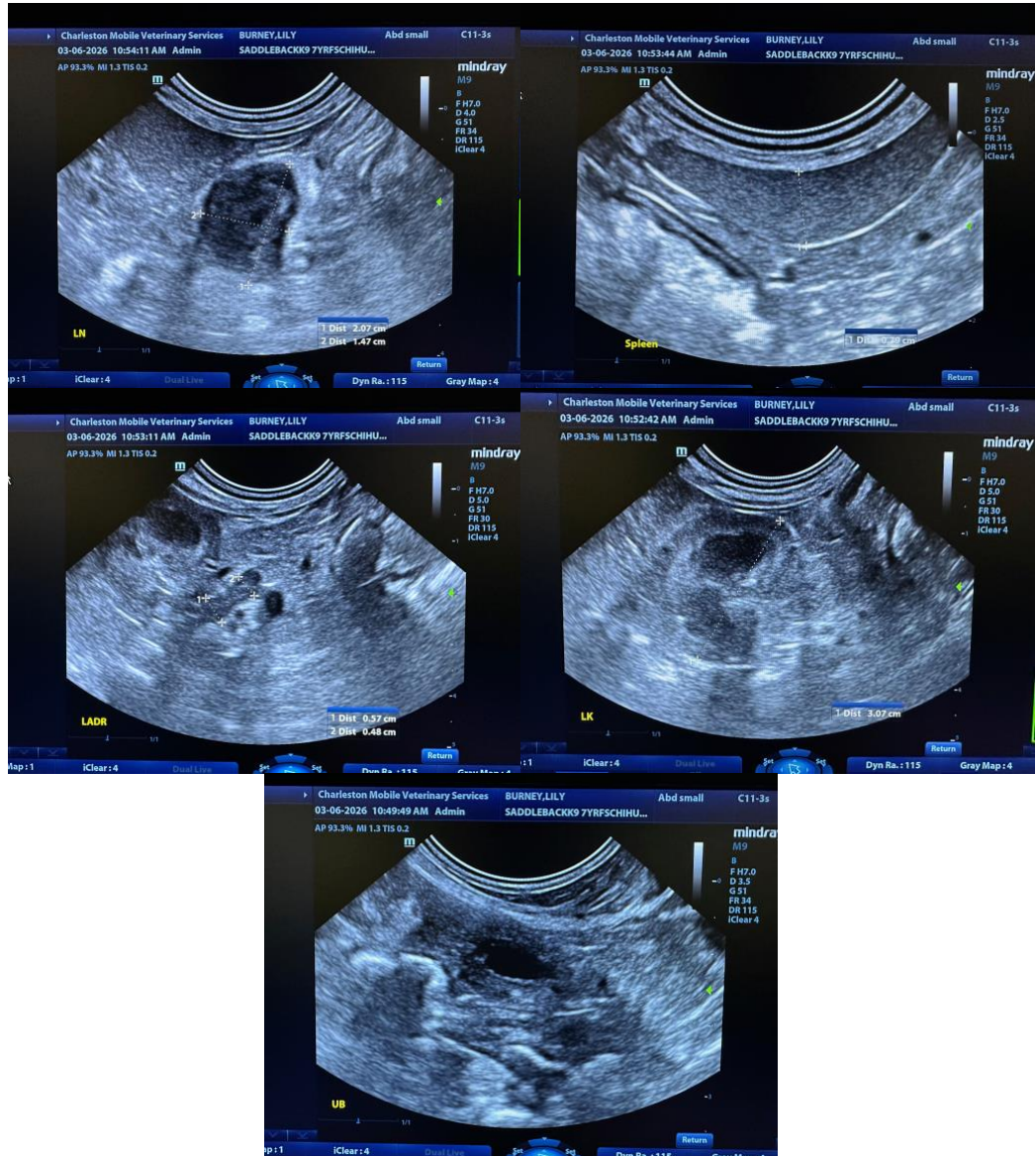
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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