



**PATIENT**

Lucy Chiakress

**PRESENTING CLINICAL SIGNS**

History: Follow up to liver lobectomy a year ago. Doing well.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder** is well distended with anechoic contents. The wall is smooth and regular. No abnormalities are noted with the trigone or proximal urethra, and there is no evidence of sediment, cystoliths, polyps or a mass.

**BREED**

Maltipoo

**Kidneys**

**SEX**

Female

The **left kidney** measures 4.05 cm. The capsule is smooth. A hyperechoic band is observed along the medulla, traversing parallel to the corticomedullary junction, which accentuates the definition of the cortico-medullary junction. There are no signs of nephroliths or pyelectasia. An anechoic, encapsulated structure is observed. It extends from the caudal pole into the medulla. The latter is most consistent with a cyst. Blood flow is within normal limits. The surrounding mesentery is not hyperechoic.

**AGE**

14 years

The **right kidney** measures 3.78 cm. The capsule is smooth. The cortex is mildly hyperechoic, i.e. it is hyperechoic to the liver. A hyperechoic band is observed along the medulla, traversing parallel to the corticomedullary junction, which accentuates the definition of the cortico-medullary junction. There are no signs of nephroliths or pyelectasia. The surrounding mesentery is not hyperechoic.

**WEIGHT**

6.4 lbs

**Aortic bifurcation/trifurcation** No abnormalities observed.

**INTERPRETED BY**

Lisa Carioto, DVM,  
DVSc, Diplomate  
ACVIM

**Adrenal Glands**

The **left adrenal gland** measures 0.41 cm at the cranial pole, 0.30 cm at the caudal pole. No abnormalities are noted with the gland's overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

**IMAGING PERFORMED BY**

Dr. Velasco

The **right adrenal gland** measures 0.57 cm at the cranial pole, 0.52 cm at the caudal pole. No abnormalities are noted with the gland's overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

**HOSPITAL NAME**

Bethany Family Pet  
Clinic

**Spleen**

The spleen is within normal limits in size, architecture, echotexture, and echogenicity. The capsule is smooth. No abnormalities are observed with its vasculature, i.e. congestion and thrombi are not identified.

**REFERRING VET**

Dr. Velasco

**Liver**

**INVOICE**

31744

There are no obvious signs of hepatomegaly. The liver's borders are smooth, but mildly rounded. A diffuse, mildly coarse or granular echotexture is observed. It is within normal limits in echogenicity. Focal lesions are not visualized and no obvious abnormalities are noted with the hepatic vessels.

**DATE**

7/16/22

The **gallbladder (GB)** is mildly distended with a moderate amount of free floating and gravity-dependent echogenic material (sludge). The GB wall is within normal limits in thickness and echogenicity. The



<b>PATIENT</b>	portions of the cystic and/or common bile ducts observed are not dilated or tortuous, (CBD 1.9 mm) i.e. there are no signs of an obstruction. No abnormalities area observed with the duodenal papilla.
Lucy Chiakress	
<b>SPECIES</b>	<b><i>Gastrointestinal</i></b>
Canine	The gastric wall is within normal limits in thickness and the wall layers are well defined. No obvious abnormalities are observed with its peristalsis. A small amount of fluid is present within the stomach at the end of the exam.
<b>BREED</b>	The small intestinal wall thickness, including the duodenum, is within normal limits and the definition of the wall layers is preserved. Abnormally dilated loops of bowel are not observed.
Maltipoo	Gas and ingesta are present within the transverse colon.
<b>SEX</b>	The colonic wall is not thickened and mural detail is considered normal. Stool and gas are present within the colon.
Female	There are no obvious signs of a mass, foreign body, infiltrative disease or an obstruction in the gastrointestinal tract.
<b>AGE</b>	
14 years	
<b>WEIGHT</b>	<b><i>Pancreas</i></b>
6.4 lbs	No overt abnormalities are observed with the architecture, contours, echogenicity or echotexture of the pancreas. There is no evidence of hyperechogenicity of the surrounding mesentery, i.e., signs of active pancreatitis are not present.
<b>INTERPRETED BY</b>	<b>Other</b>
Lisa Carioto, DVM, DVSc, Diplomate ACVIM	<b>Lymph nodes</b> No abnormalities are observed
	<b>Abdominal effusion</b> is not visualized.
<b>IMAGING PERFORMED BY</b>	<b>ULTRASONOGRAPHIC FINDINGS</b>
Dr. Velasco	<ul style="list-style-type: none"> <li>• <b>Liver:</b> There are no signs of a mass or nodules. The very subtle coarse echotexture is attributed to Lucy's age.</li> <li>• <b>Kidneys:</b> Age-related changes, however, the hyperechoic rim band may be suggestive of proteinuria in some patients. Presence of a cyst in the left kidney. The latter is likely not clinically significant, however, evaluation of renal parameters is suggested as compression of the parenchyma may occur with time.</li> <li>• <b>Gallbladder:</b> Gallbladder sludge, which tends to be clinically insignificant.</li> </ul>
<b>HOSPITAL NAME</b>	
Bethany Family Pet Clinic	
<b>REFERRING VET</b>	
Dr. Velasco	
<b>INVOICE</b>	<b><u>INTERPRETATION OF THE FINDINGS &amp; FURTHER RECOMMENDATIONS</u></b>
31744	A urinalysis and urine protein: creatinine ratio are suggested (provided there is no evidence of a urinary tract infection on the urinalysis).
<b>DATE</b>	I am happy to provide you with happy news for Lucy.
7/16/22	



**PATIENT**

Lucy Chiakress

**SPECIES**

Canine

**BREED**

Maltipoo

**SEX**

Female

**AGE**

14 years

**WEIGHT**

6.4 lbs

**INTERPRETED BY**

Lisa Carioto, DVM,  
DVSc, Diplomate  
ACVIM

**IMAGING PERFORMED BY**

Dr. Velasco

**HOSPITAL NAME**

Bethany Family Pet  
Clinic

**REFERRING VET**

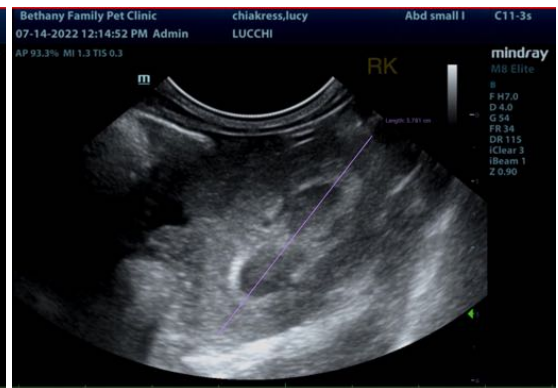
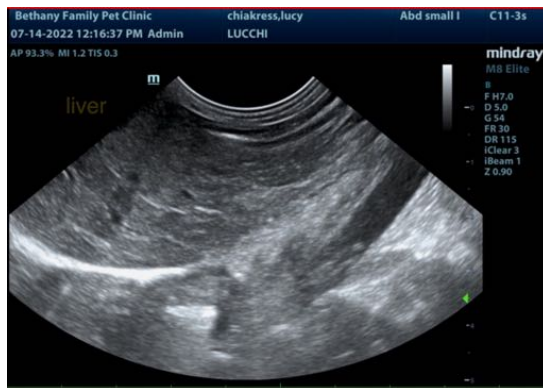
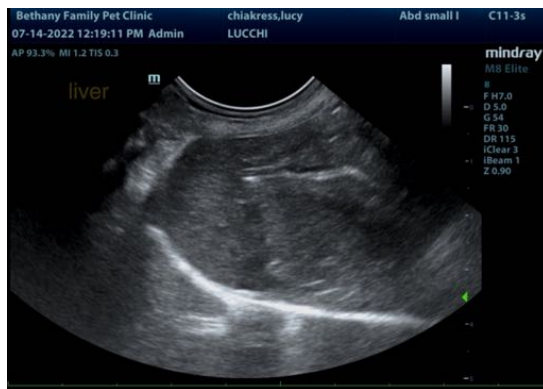
Dr. Velasco

**INVOICE**

31744

**DATE**

7/16/22





**PATIENT**

Lucy Chiakress

**SPECIES**

Canine

**BREED**

Maltipoo

**SEX**

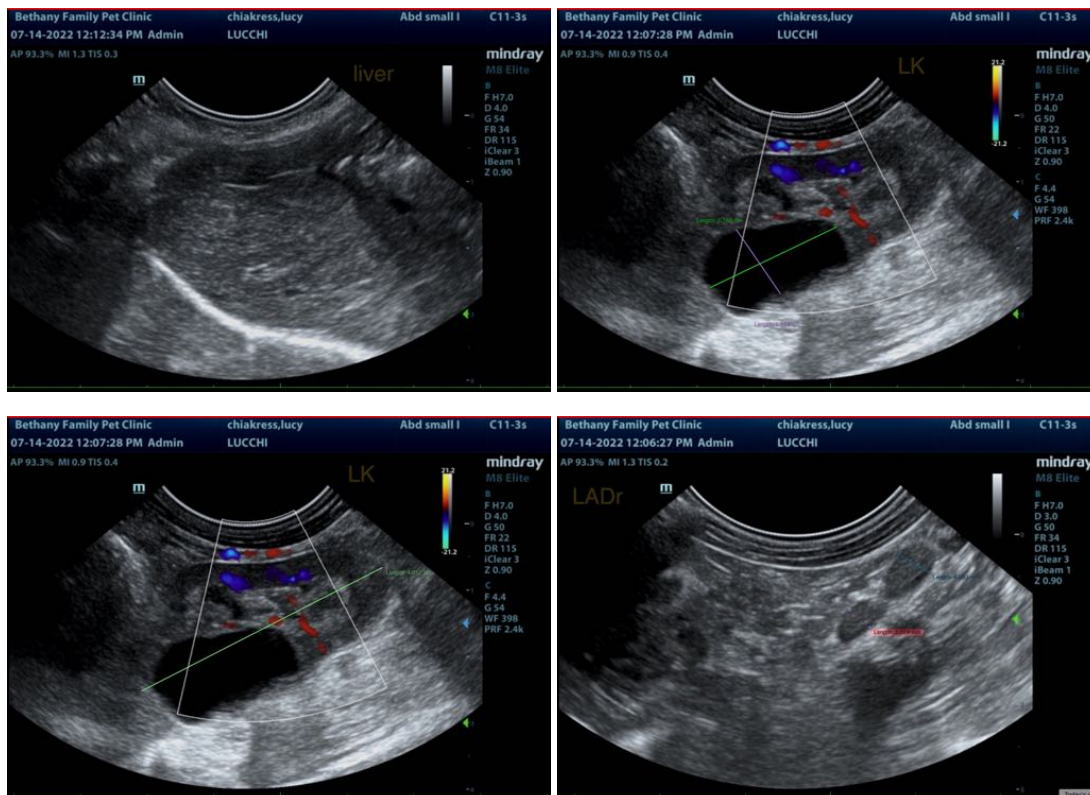
Female

**AGE**

14 years

**WEIGHT**

6.4 lbs



**INTERPRETED BY**

Lisa Carioto, DVM,  
DVSc, Diplomate  
ACVIM

**IMAGING PERFORMED BY**

Dr. Velasco

**HOSPITAL NAME**

Bethany Family Pet  
Clinic

**REFERRING VET**

Dr. Velasco

**INVOICE**

31744

**DATE**

7/16/22

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.

Lisa Carioto, DVM, DVSc, Diplomate ACVIM

[Lisa.Carioto@sonopath.com](mailto:Lisa.Carioto@sonopath.com)