



**PATIENT**

Girlie Kelly

**SPECIES**

Canine

**BREED**

Labrador

**SEX**

Spayed Female

**AGE**

11 Years

**WEIGHT**

75.8 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Adrienne Waffle

**HOSPITAL NAME**

Torck Lake VC

**REFERRING VET**

Dr. Adrienne Waffle

**INVOICE**

37591

**DATE**

5/11/22

**PRESENTING CLINICAL SIGNS**

Hx of MCT of ventrolateral cervical region. Presented for thoracic rads and abdominal ultrasound  
Abnormal PE/Chem/CBC/UA Results: ALT - 201 ALP - 413 CBC unremarkable No evidence of metastasis to lungs

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction.

Iliac trifurcation was unremarkable.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 5.77 cm. The right kidney measured 6.77 cm.

**Adrenal Glands**

The **left adrenal gland** was visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.40 cm.

The region of the **right adrenal gland** was imaged, no evident pathology.

**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

**Liver**

The **liver** presented expanded irregular left lobar swelling with multifocal coalescing nodular changes, likely unrelated to mast cell disease. However, other neoplasia such as carcinoma possible, or sarcoma. Screening FNA warranted.

**Gastrointestinal**

The **stomach** revealed some retention of chyme, yet structurally unremarkable GI tract. The small intestine and colon were unremarkable.



**PATIENT**

**Pancreas**

Girlye Kelly

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

- Concerning coalescing hepatic nodular changes - nodular hyperplasia/hepatoma most likely, mast cell disease, carcinoma all possible.

**BREED**

Labrador

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Screening FNA indicated. CT evaluation for surgical planning upon the hepatic pathology would be ideal. It appears to be localized to the left liver and potentially resectable.

**SEX**

Spayed Female

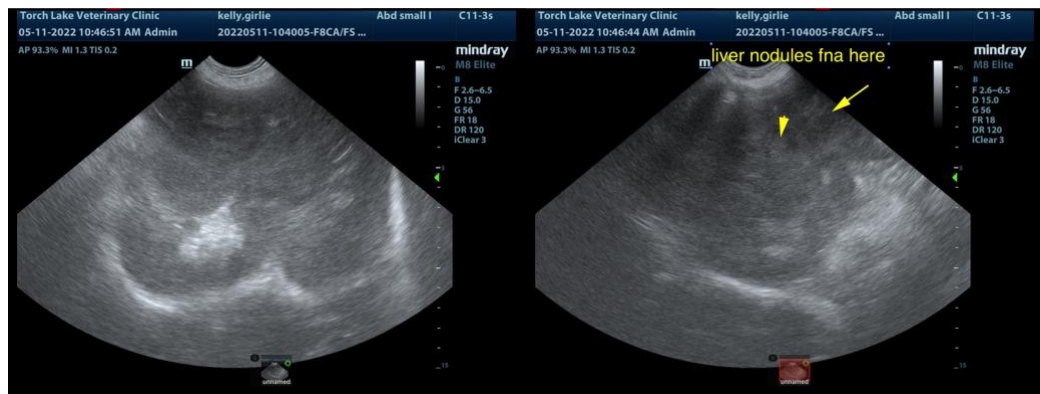


**AGE**

11 Years

**WEIGHT**

75.8 Pounds



**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Adrienne Waffle

**HOSPITAL NAME**

Torck Lake VC

**REFERRING VET**

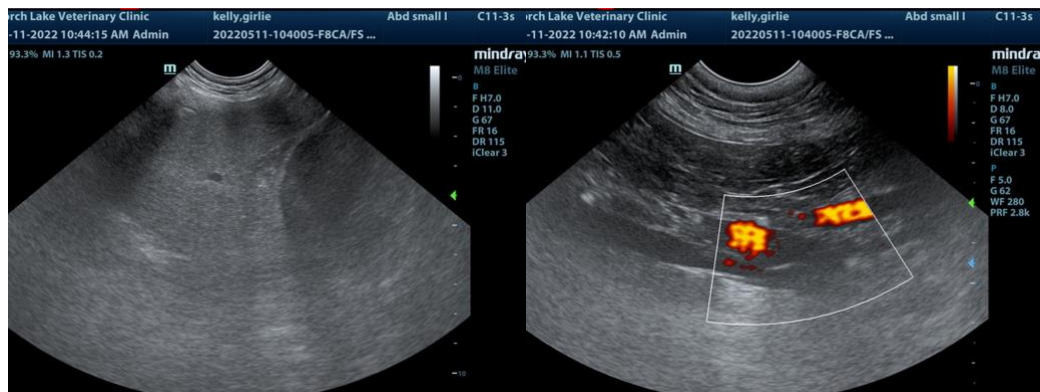
Dr. Adrienne Waffle

**INVOICE**

37591

**DATE**

5/11/22





**PATIENT**

Girlie Kelly

**SPECIES**

Canine

**BREED**

Labrador

**SEX**

Spayed Female

**AGE**

11 Years

**WEIGHT**

75.8 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Adrienne Waffle

**HOSPITAL NAME**

Torck Lake VC

**REFERRING VET**

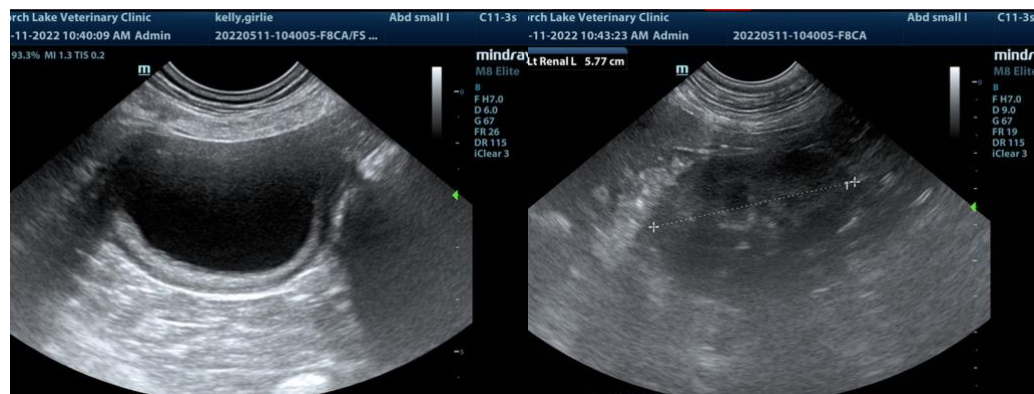
Dr. Adrienne Waffle

**INVOICE**

37591

**DATE**

5/11/22



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

[info@SonoPath.com](mailto:info@SonoPath.com)