



**PATIENT**

Lrrr Leahy

**PRESENTING CLINICAL SIGNS**

History: Presented for hiding, swollen abdomen, and decreased appetite. Worsened over 2 days.

**SPECIES**

Feline

Abnormal PE/Chem/CBC/UA Results: Distended abdomen, severe dehydration, hx of stones 5 years ago. Rads showed ascites, chest normal. Removed 600 mls of yellow transudate like liquid. BW is pending, fluid analysis is pending. Otherwise relatively B/QAR and purring.

**BREED**

Domestic shorthair

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

*Urinary System*

The urinary bladder is moderately distended. The wall is normal in thickness with a smooth mucosal surface. A large amount of aggregated, echogenic, suspended debris is observed within the lumen. No cystic calculi are observed. The region of the trigone and the visible portion of the proximal urethra are normal.

**SEX**

Male Neutered

The left kidney is normal size (3.79 cm in length); normal shape and architecture with 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 hydroureter. Renal vasculature is normal.

**AGE**

11 Years

The right kidney is normal size (3.92 cm in length); normal shape and architecture with 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 hydroureter. Renal vasculature is normal.

**WEIGHT**

9.5 lbs.

*Adrenal Glands*

The region of the adrenal glands is evaluated. No obvious pathology is observed.

**INTERPRETED BY**

Andrea Nicastro, DVM,  
Diplomate ACVIM  
(*Small Animal Internal  
Medicine*)

*Spleen*

The spleen is not visualized in its entirety. In the visualized portion, it appears contracted (0.45 cm in width) with normal curvilinear peripheral contours and homogeneous parenchyma. No focal lesions are observed. Splenic vasculature appears normal with no evidence of thrombosis.

**IMAGING PERFORMED BY**

Dr. Rodriguez

*Liver*

The liver is enlarged with irregular, peripheral contours. A > 4 cm mass-effect is infiltrating the deep mid to right liver and engulfing the gall bladder. The mass is hypoechoic to heterogeneous in appearance. Some hepatic parenchyma is grossly normal in appearance. Hepatic vasculature and intrahepatic biliary tracts are of normal volume with no evidence of congestion. The gall bladder is mildly distended. The wall is thickened (up to 0.20 cm), irregular, and hyperechoic. A small amount of suspended, echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

**HOSPITAL NAME**

Bethany Family Pet  
Clinic

**REFERRING VET**

Dr. Rodriguez

*Gastrointestinal*

What is thought to be stomach is mildly distended with ingesta. The wall is normal in thickness. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

**INVOICE**

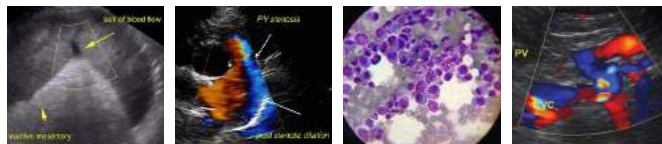
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*Pancreas*

The region of the pancreas is somewhat obscured by the hepatic pathology. However, no obvious

**DATE**

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**PATIENT** lesions are visualized.

Lrrr Leahy *Free Abdomen*

**SPECIES** A large amount of echogenic free fluid is present. The mesentery throughout the abdomen is hyperechoic and mottled bordering on a nodular appearance. The abdominal lymph nodes are normal/not visible.

Feline

### ULTRASONOGRAPHIC FINDINGS

#### BREED

**Primary Findings:**

Domestic shorthair

- Large hepatic mass. Neoplasia is considered likely with a lower possibility of a severe inflammatory process.

#### SEX

- The gall bladder wall changes could be consistent with cholecystitis, benign, age-related hyperplasia, and/or infiltrative neoplasia.

Male Neutered

- The ascites is likely secondary to hepatic pathology.

#### AGE

**Secondary Findings:**

11 Years

- Minor, bilateral, age-related renal changes.

#### WEIGHT

- The urinary bladder debris could be consistent with cells, crystals, and/or exfoliated material.

9.5 lbs.

### INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

1. Three-view thoracic radiographs are recommended to assess for pulmonary metastases.
2. A fine needle aspirate of the hepatic mass can be considered if clotting status is appropriate. If cytologic evaluation is inconclusive, surgical biopsy +/- removal or debulking can be considered. If surgery is to be pursued, referral to a board-certified veterinary surgeon is recommended. An abdominal CT scan would be useful in pre-surgical planning.

### INTERPRETED BY

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Diplomate ACVIM  
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Medicine*)

### IMAGING PERFORMED BY

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Lrrr Leahy

## SPECIES

Feline

## BREED

Domestic shorthair

## SEX

Male Neutered

## AGE

11 Years

## WEIGHT

9.5 lbs.

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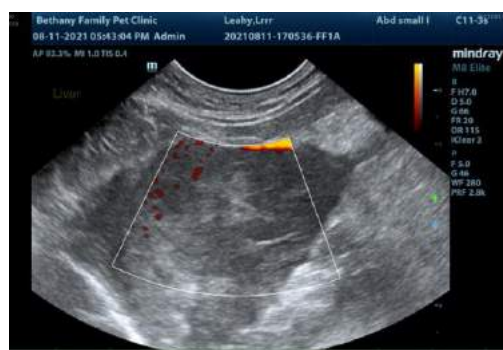
Dr. Rodriguez

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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.

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