



**PATIENT PRESENTING CLINICAL SIGNS**

Lilly Waechter uncontrolled DM concern for pyelonephritis vs other underlying dz Current meds Pro Zinc 5 units BID Plasma Lyte and KCL Unasyn Pepcid

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Feline

**Urinary System**

**BREED**

DSH

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

**SEX**

Spayed Female

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex. Slight pyelectasia noted. The right kidney measured 4.2 cm. The left kidney measured 4.2 cm.

**AGE**

10 Years

**Adrenal Glands**

The regions of the **adrenal glands** were unremarkable.

**WEIGHT**

10.3 Pounds

**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.

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**Gastrointestinal**

**REFERRING VET**

Dr. Maniar

The **gastrointestinal tract** revealed minor variable thickening and echogenic submucosal changes most consistent with low grade end result of chronic GI disease such as IBD and may be related to malassimilation of nutrients if any weight loss is present. No obvious neoplastic patterns were noted and luminal content as unremarkable.

**INVOICE**

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**Pancreas**

A mixed hypoechoic expansive 3.7 cm nodular mass was noted deriving from the left limb of the **pancreas**. Regional inflammation noted around the mass. Other nodular changes noted throughout the pancreas.

**DATE**

7/11/22

**PRIMARY FINDINGS**

- Pancreatic mass – possibility of non-neoplastic necrosis and pronounced nodular hyperplasia



**PATIENT**

Lilly Waechter

**SECONDARY FINDINGS**

- Age related renal and hepatic changes

**SPECIES**

Feline

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ultrasound guided FNA of the left pancreatic limb recommended for further definition. Treatment for pancreatitis warranted in the meantime. Guarded prognosis.

**BREED**

DSH

**Potential Causes of Diabetic Dysregulation**

This is a suggestive checkoff list when faced with an unregulated diabetic patient:

**SEX**

Spayed Female

UTI

Dietary indiscretion/intolerance

Pancreatitis

Hyperthyroidism/hypothyroidism

**AGE**

10 Years

Exogenous steroids (including topical eye meds)

Cushing's

Acromegaly

**WEIGHT**

10.3 Pounds

Owner compliance

Insulin quality issues

Antibodies to insulin

Underlying Neoplasia

Diffuse liver disease

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**REFERRING VET**

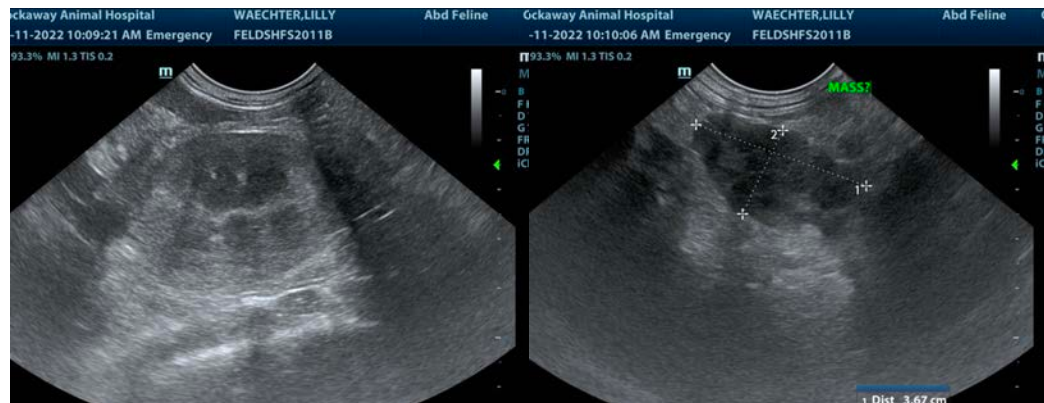
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**PATIENT**

Lilly Waechter

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Spayed Female

**AGE**

10 Years

**WEIGHT**

10.3 Pounds



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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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