



**PATIENT PRESENTING CLINICAL SIGNS**

Gizmo Sonner Hematuria

**SPECIES** Abnormal PE/Chem/CBC/UA Results: SDMA 14, Creat 1.7, BUN 34, Urine: +3 hematuria, + 2 protein, UPC 0.6, WBC 2-5, USG 1.019

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED** *Urinary System*

DSH

Urinary bladder is adequately distended. It has a normal uniform wall thickness. Contents include primarily anechoic fluid with occasional echogenic non-shadowing debris, most consistent with incidental suspended lipid in a cat, possibly combined with exfoliated cells, mucous and/or small blood clots. Both sterile inflammation as well as urinary tract infection can also present with echogenic debris. No masses or definitive cystoliths are observed. The trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

**SEX**

Neutered Male

**AGE**

13 Years 5 Months

Kidneys are overall normal in size and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased cortical echogenicity and mild loss of corticomedullary distinction, expected in this age patient. There is no evidence of pyelectasia, mineral or infarcts observed. The left kidney measures 3.6 cm. The right kidney measures 3.9 cm.

**WEIGHT**

10.3 lbs

**INTERPRETED BY**

Greg Kuhlman, DVM, DACVIM (SAIM)

*Adrenal Glands*

The left adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The left adrenal gland measures 3.7 mm width.

The right adrenal gland presents mildly enlarged. The right adrenal gland measures 6.4 mm width.

**IMAGING PERFORMED BY**

Rebecca Hamilton

*Spleen*

The spleen is normal in size, shape, margination and echogenicity. No masses are seen.

**HOSPITAL NAME**

Walden Animal Clinic

*Liver*

Liver is relatively normal in size and contour. Parenchyma is mildly heterogenous and coarse with mild likely age-related parenchymal remodeling noted. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

**REFERRING VET**

Dr. Dickey

The gallbladder presents normal size with anechoic contents. Normal gallbladder wall. No evidence of bile duct distention or obstruction.

**INVOICE**

15961

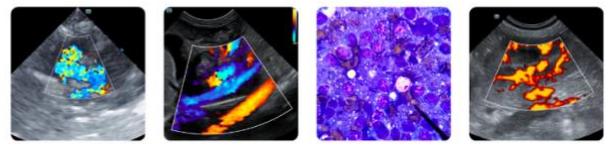
*Gastrointestinal*

The stomach and intestines have normal wall layering and thickness. Colon contains normal contents with normal wall thickness.

**DATE**

05/08/26

*Pancreas*



**PATIENT**

Gizmo Sonner

The observed pancreas appears appropriately isoechoic to surrounding omental fat. The capsule is mildly irregular in shape. Parenchyma is mildly heterogenous and coarse. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

**SPECIES**

Feline

**Free Abdomen**

There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.

**BREED**

DSH

**ULTRASONOGRAPHIC FINDINGS**

- Mildly enlarged right adrenal gland.
- Urinary bladder debris.
- Geriatric abdomen otherwise.

**SEX**

Neutered Male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No cause for the patient's hematuria is seen on this exam. If urine culture has not been submitted, I recommend submitting a urine culture to rule out occult urinary tract infection. If urinary tract infection is ruled out as cause of patient's hematuria, consider feline idiopathic cystitis. Also, if patient has not had a CBC performed, I recommend, if patient has not had comprehensive serum chemistry and CBC performed, recommend these tests. Specifically, to determine if patient's platelet count is normal and rule out thrombocytopenia as a cause of hematuria. Also, consider submitting PT/PTT to rule out coagulopathy as cause of the hematuria.

**AGE**

13 Years 5 Months

**WEIGHT**

10.3 lbs

**INTERPRETED BY**

Greg Kuhlman, DVM,  
 DACVIM (SAIM)

**IMAGING PERFORMED BY**

Rebecca Hamilton

**HOSPITAL NAME**

Walden Animal Clinic

**REFERRING VET**

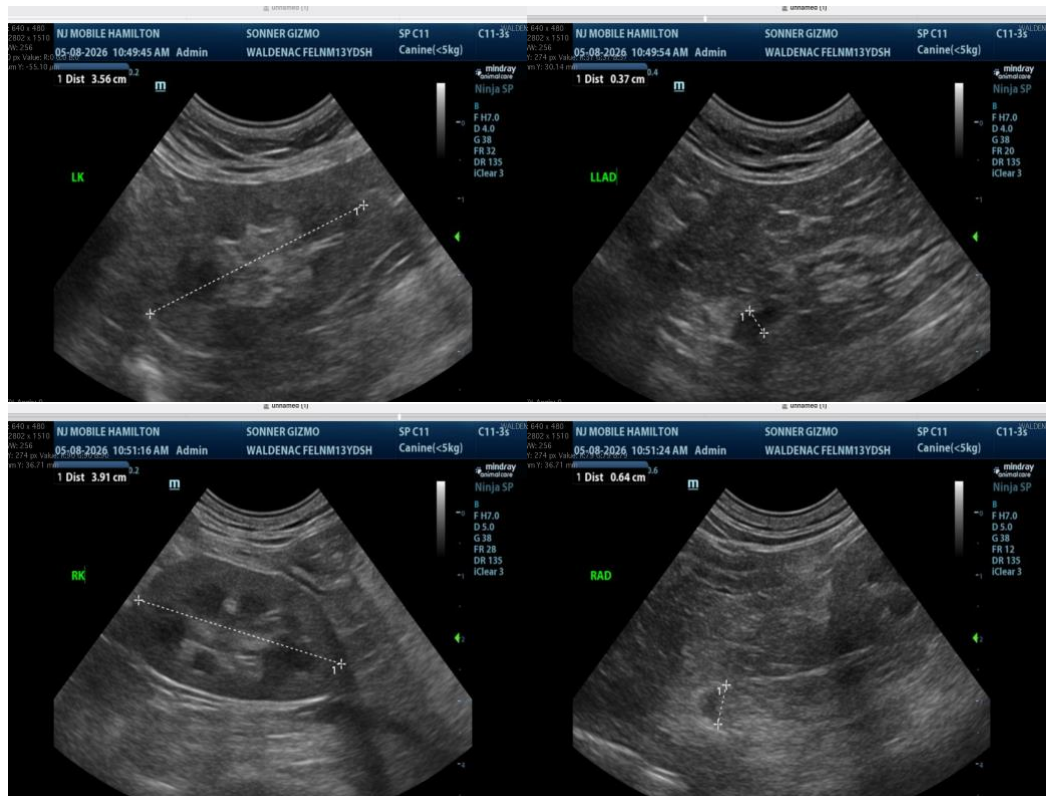
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**PATIENT**

Gizmo Sonner

**SPECIES**

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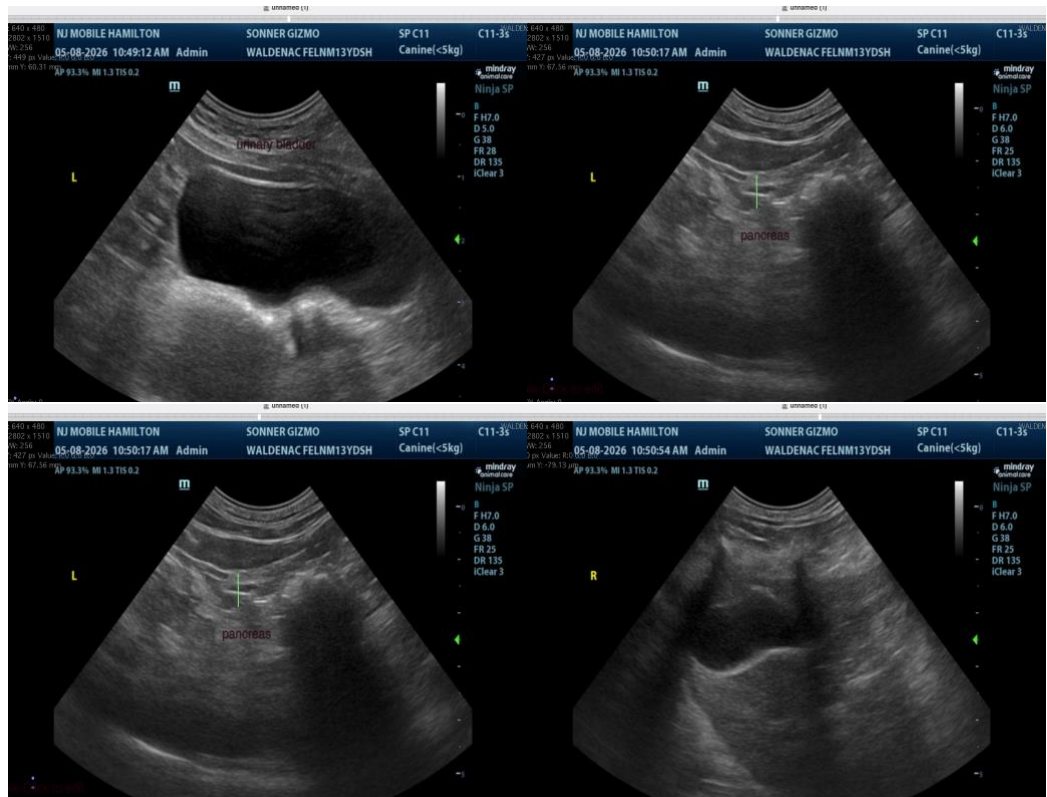
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Greg Kuhlman, DVM, DACVIM (SAIM)**  
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