



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Cookie Nava Yocely	Routine pre-dental bloodwork showed elevation of the ALT (365), ALP (2181) and potassium (6.3). LDDST was normal (pre 1.8, 4 hrs post 0.2, 8 hrs post 0.4). T4 was normal (1.2). Patient is not clinical (no PU/PU/V/D)
<b>SPECIES</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Canine	<b>Urinary System</b>
<b>BREED</b>	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
Poodle/Peke Mix	
<b>SEX</b>	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Pinpoint medullary mineral and intermittent cortical cysts were present bilaterally. The left kidney measured 4.6 cm in length. The right kidney measured 4.5 cm in length.
FS	
<b>AGE</b>	The area of the aortic trifurcation was free of pathology.
13yr	
<b>WEIGHT</b>	<b>Adrenal Glands</b>
22lb	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.71 cm width at the caudal pole and 0.43 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.52 cm width at the caudal pole.
<b>INTERPRETED BY</b>	<b>Spleen</b>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The spleen exhibited normal size and minor capsule asymmetry with generalized mild heterogeneous parenchyma. Intermittent variably echogenic nodules were present, an example measured 0.70 cm in width. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.
<b>IMAGING PERFORMED BY</b>	<b>Liver</b>
Dr. Suci	The liver was subjectively enlarged in size with minor capsule asymmetry and generalized non-homogeneous mildly irregular parenchyma exhibiting intermittent non-homogeneous intraparenchymal nodules, an example measuring 2.0 cm in diameter. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content with moderate non-dependent mildly congealed non-organized debris. No evidence of gallbladder or peripheral gallbladder inflammation was present. The cystic and common bile ducts were normal.
<b>HOSPITAL NAME</b>	<b>Gastrointestinal</b>
Animal Clinic of Queens	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.
<b>REFERRING VET</b>	The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.
Dr. Thomas	
<b>INVOICE</b>	
12445ag	
<b>DATE</b>	
12/16/2022	



**PATIENT**

Normal visible colon wall layers were present with apparent formed feces in lumen.

Cookie Nava Yocely

**Pancreas**

**SPECIES**

The pancreas was normal in size with mild capsule asymmetry and hypoechoic to heterogeneous non-homogenous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

Canine

**Free Abdomen**

**BREED**

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

Poodle/Peke Mix

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

- Moderate chronic renal changes with small cortical cysts
- Heterogeneous irregular nodular liver-nonspecific, vacuolar hepatopathy, chronic inflammatory/immune mediated disease, hematopoiesis, hyperplasia, fibrosis or other hepatopathy possible. Neoplastic criteria considered less likely.
- Moderate gallbladder debris-not consistent with clinical mucocele
- Heterogeneous mildly irregular pancreas-patient/ age variant, remodeling owing to previous inflammatory episode or mild to chronic pancreatitis possible
- Variably echogenic non-disruptive splenic nodules-subjectively benign

FS

**AGE**

13yr

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered. Assuming normal clotting status and using a 25g needle, a hepatic FNA for screening cytology could be considered for further assessment primarily to assess for evidence of inflammatory cells and rule out less likely neoplasia. Hepatosupportive medications such as Denamarin or Vitamin E as well as Ursodiol are recommended. Sonographic reassessment of the hepatosplenic parenchymal changes if persistent hepatic enzyme elevations would be reasonable. A spec cPL is suggested to assess for concurrent low-grade pancreatitis.

22lb

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

**IMAGING PERFORMED BY**

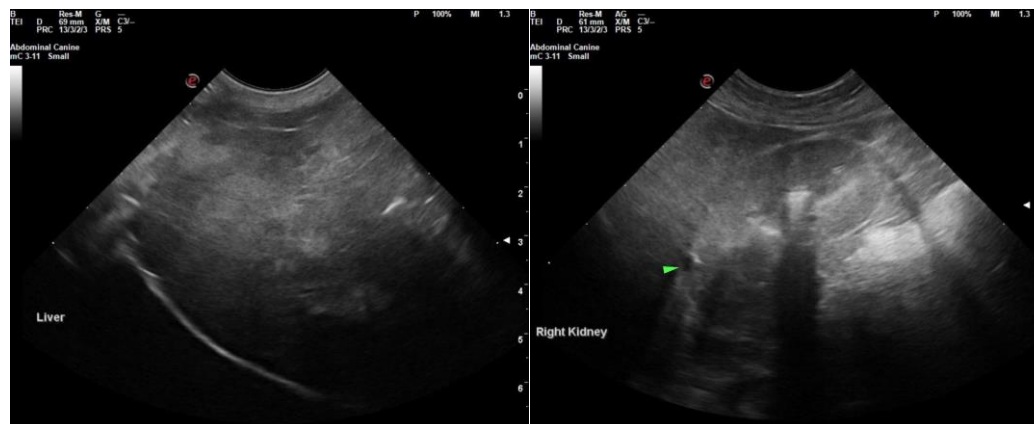
Dr. Suciu

**HOSPITAL NAME**

Animal Clinic of  
Queens

**REFERRING VET**

Dr. Thomas

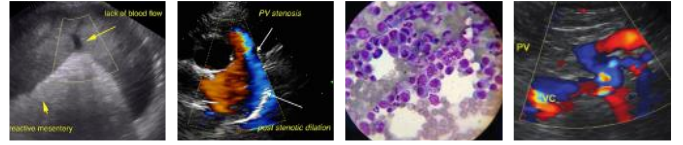


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**PATIENT**

Cookie Nava Yocely

**SPECIES**

Canine

**BREED**

Poodle/Peke Mix

**SEX**

FS

**AGE**

13yr

**WEIGHT**

22lb

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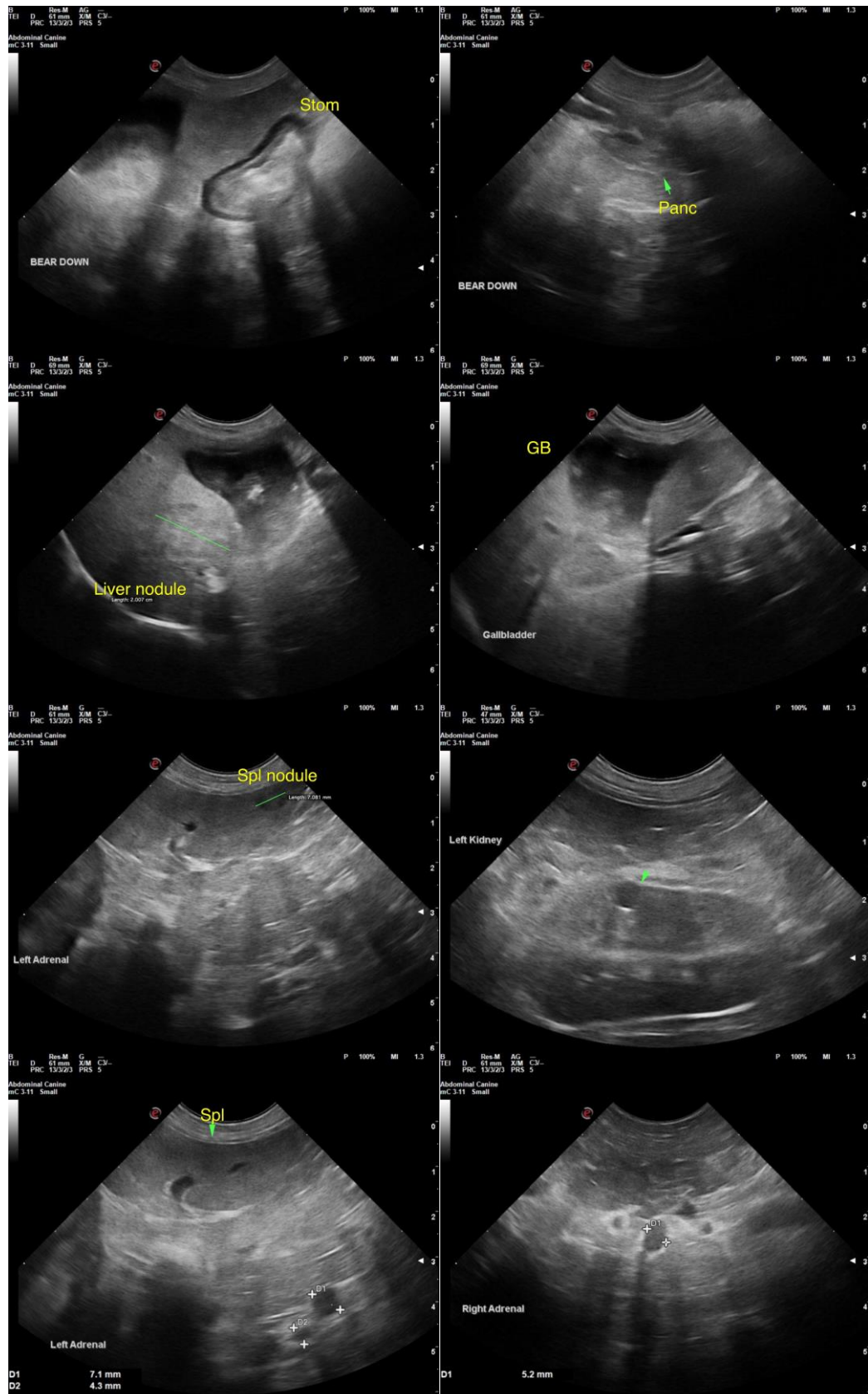
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**PATIENT**

Cookie Nava Yocely

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.

**SPECIES**

Canine

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.

**BREED**

Poodle/Peke Mix

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)  
[mac.daniel@sonopath.com](mailto:mac.daniel@sonopath.com)

**SEX**

FS

**AGE**

13yr

**WEIGHT**

22lb

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DVM, DABVP  
(Canine and Feline)

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