



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Poppy Squazzo	P presented for vomiting/lethargy on 2/22/23 to CEC, diagnosed with pancreatitis and elevated LEZ (ALT 200, ALP 1900) with radiographic hepatomegaly noted. Treated for pancreatitis. At recheck 03/10, symptoms have resolved other than long-term slightly softened stool, but recheck LEZ are worsened (ALT now 400) and ALP static. GGT, bili WNL. U/a, fecal, and lepto test submitted 3/10: proteinuria found (3.0). Denamarin started.
<b>SPECIES</b>	
Canine	
<b>BREED</b>	
Terrier Mix	Abnormal PE/Chem/CBC/UA Results: -CBC, chem18, lytes 2/22/23- WNL CBC, chem: elevated: ALT 200, ALP 1900, glob 4.9, cholesterol 400, amylase >2500, lipase 5300 -chem 18 3/10/23- elevated: ALT 400, ALP 1900, glob 4.6, chol 400; amy/lip normalized -urinalysis 3/10/23- USG 1.020, UPC 3.0, quiet sediment -lepto Ab ELISA 3/10/23- neg -4dx 3/10/23- neg x 4 -fecal 3/10/23- neg ova/parasites/antigen
<b>SEX</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
FS	<b>Urinary System</b>
<b>AGE</b>	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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.
7yr	
<b>WEIGHT</b>	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 4.5 cm in length. The right kidney measured 4.5 cm in length.
16.6	
<b>INTERPRETED BY</b>	The area of the aortic trifurcation was free of pathology.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<b>Adrenal Glands</b>
	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.44 cm width at the caudal pole and 0.44 cm width at the cranial pole. No overt pathology in the area of the right adrenal gland.
<b>IMAGING PERFORMED BY</b>	<b>Spleen</b>
Brita Kiffney	The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.
<b>HOSPITAL NAME</b>	<b>Liver/Gallbladder</b>
Northshore Veterinary Hospital	The liver was mildly enlarged with symmetrical capsule contour and generalized non-homogenous parenchyma. Mild non-uniform increased echogenicity was present. Evidence of minor parenchymal remodeling was present. A solitary caudal parenchymal cyst was present measuring 1.3 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-congealed to organized hyperechoic debris. The cystic and common bile ducts were normal.
<b>REFERRING VET</b>	
Brita Kiffney	<b>Gastrointestinal</b>
<b>INVOICE</b>	
13194ag	
<b>DATE</b>	
03/16/2023	



**PATIENT**

Poppy Squazzo

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.

**SPECIES**

Canine

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.

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

**Pancreas**

**BREED**

Terrier Mix

The pancreas presented hypoechoic to heterogeneous echogenicity compared to adjacent omental fat. Mild asymmetrical capsule margination was present with mild variable parenchymal swelling and mild peripancreatic reactivity / inflammation. No overt evidence of neoplasia.

**SEX**

FS

**Free Abdomen**

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

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

7yr

- Non-uniform to mild variably echogenic liver with intraparenchymal cyst.
- Moderate gallbladder debris (non-mucocele)
- Persistent mild pancreatitis pattern with peripancreatic reactive omentum.
- Sonographically unremarkable GI tract.
- Unremarkable bilateral kidneys and urinary bladder.

**WEIGHT**

16.6

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The liver is suggestive of benign hepatopathy criteria with considerations including vacuolar hepatopathy, inflammatory/immune mediated disease, hematopoiesis, hyperplasia, fibrosis, toxin (copper) or other hepatopathy possible. Neoplastic criteria considered less likely. Correlation with pending hepatic histopathology and C/S is suggested. As needed hepatic support with possible concurrent therapy for persistent low-grade pancreatitis if clinically indicated is suggested. Renal diet and ACE inhibitor therapy may be considered if persistent increased UPC.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

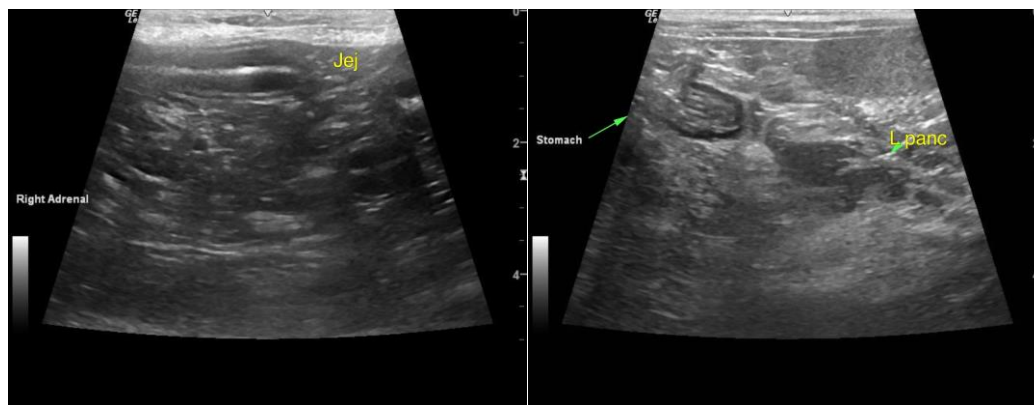
Brita Kiffney

**HOSPITAL NAME**

Northshore  
Veterinary Hospital

**REFERRING VET**

Brita Kiffney



**INVOICE**

13194ag

**DATE**

03/16/2023



**PATIENT**

Poppy Squazzo

**SPECIES**

Canine

**BREED**

Terrier Mix

**SEX**

FS

**AGE**

7yr

**WEIGHT**

16.6

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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



**PATIENT**

visible in the image/video clips provided.

Poppy Squazzo

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.

**SPECIES**

Canine

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**BREED**

Terrier Mix

**SEX**

FS

**AGE**

7yr

**WEIGHT**

16.6

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