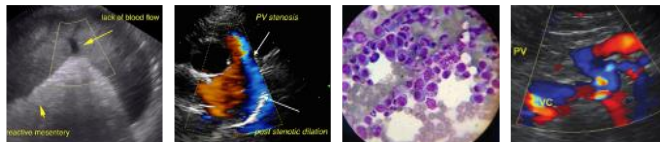




PATIENT	PRESENTING CLINICAL SIGNS
Sammy McEldowney	Currently on metronidazole, liver supplement.
SPECIES	Polydypsia, defecating large amounts; increased anxiety (pacing house)
Canine	Abnormal PE/Chem/CBC/UA Results: History of severely elevated liver values
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Morkie-maletes/yorkie mix	Urinary System
SEX	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.
MN	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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Bilateral focal areas of non-obstructive medullary mineral were present. The left kidney measured 4.1 cm in length. The right kidney measured 4.5 cm in length
AGE	The area of the aortic trifurcation was free of pathology.
12	The area of the residual prostate appeared normal and free of pathology.
WEIGHT	Adrenal Glands
10.7	The bilateral adrenal glands were indistinctly visualized without overt pathology. The left adrenal gland measured 0.42 cm width at the caudal pole. The right adrenal gland measured 0.47 cm width at the caudal pole.
INTERPRETED BY	Spleen
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	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.
IMAGING PERFORMED BY	Liver
Adrienne Waffle	The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. 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. The cystic and common bile ducts were normal.
HOSPITAL NAME	Gastrointestinal
Torch Lake Veterinary Clinic	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild non-shadowing ingesta/chyme with no signs of ileus, obstruction or foreign material.
REFERRING VET	The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine contained minor segmental ingesta/chyme with no signs of ileus, obstruction or foreign material.
Dr. Raddatz	
INVOICE	
12331ag	
DATE	
12/01/2022	



PATIENT

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

Sammy McEldowney

Pancreas

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

SPECIES

Canine

Free Abdomen

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

BREED

Morkie-maletes/yorkie mix

ULTRASONOGRAPHIC FINDINGS

SEX

MN

- Benign hepatopathy
- Sonographically unremarkable gallbladder
- Mild chronic renal changes with minor non-obstructive medullary mineral
- Normal GI tract with mild gastric and segmental intestinal ingesta/chyme

AGE

12

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, there is no overt evidence of significant abdominal visceral pathology as a definitive cause of the patient's clinical signs. No evidence of significant pathology or intra-abdominal neoplastic criteria was noted. No evidence of a portosystemic shunt was observed.

WEIGHT

10.7

Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

INTERPRETED BY

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

Depending on current degree of hepatic enzyme elevations and assuming normal clotting status, a hepatic FNA for screening cytology could be considered for further assessment.

Given hepatic and subjective adrenal presentation there is no overt suspicion of adrenal disease. If evidence of weight loss, assessment of cobalamin and folate levels could be considered.

IMAGING PERFORMED BY

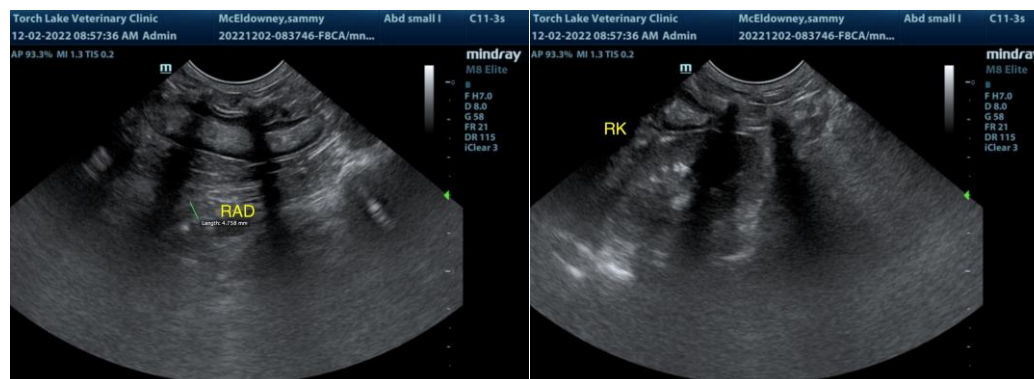
Adrienne Waffle

HOSPITAL NAME

Torch Lake Veterinary
Clinic

REFERRING VET

Dr. Raddatz



INVOICE

12331ag

DATE

12/01/2022



PATIENT

Sammy McEldowney

SPECIES

Canine

BREED

Morkie-
maletes/yorkie mix

SEX

MN

AGE

12

WEIGHT

10.7

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Adrienne Waffle

HOSPITAL NAME

Torch Lake Veterinary
Clinic

REFERRING VET

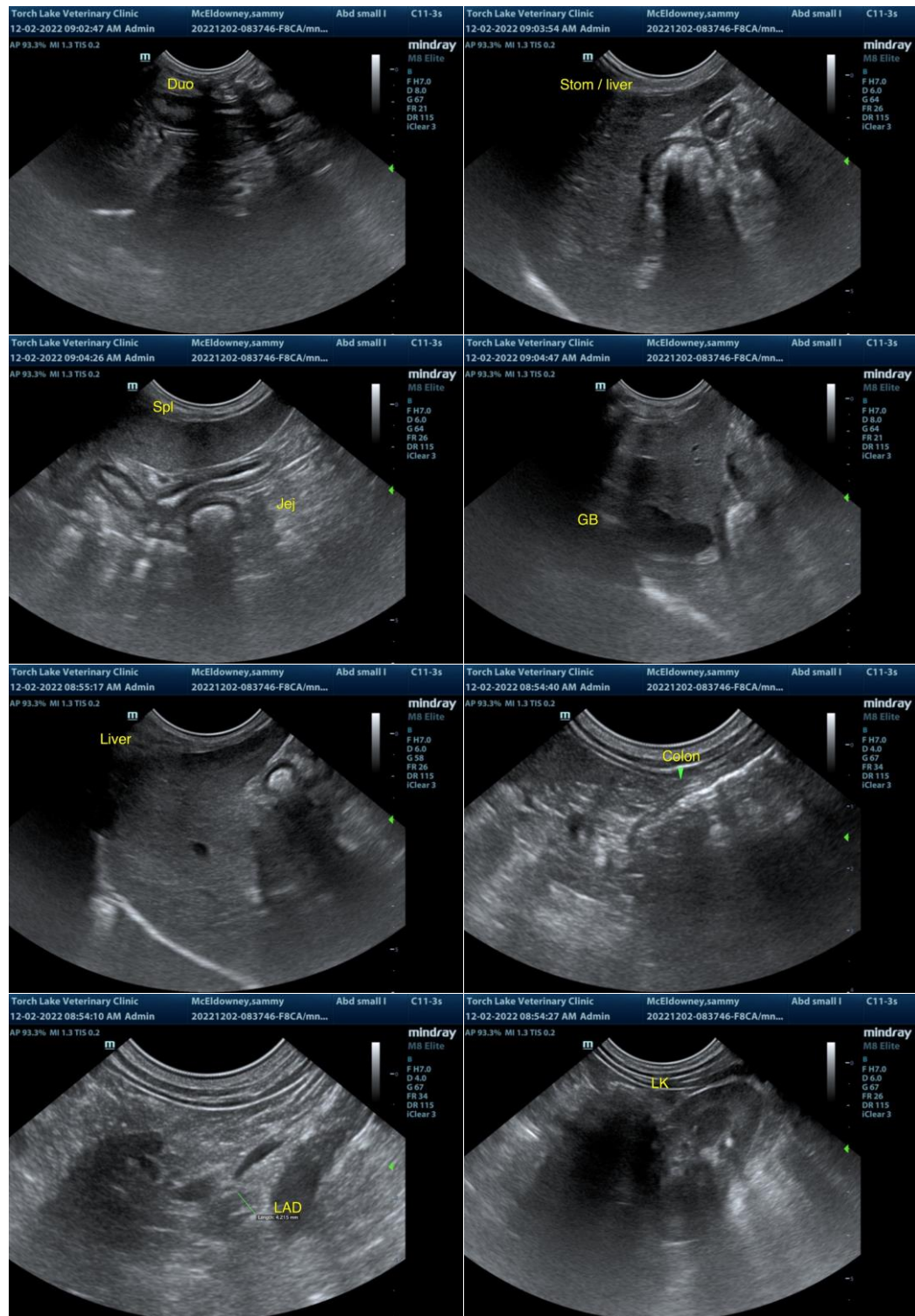
Dr. Raddatz

INVOICE

12331ag

DATE

12/01/2022





PATIENT

Sammy McEldowney

SPECIES

Canine

BREED

Morkie-
maletes/yorkie mix

SEX

MN

AGE

12

WEIGHT

10.7

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Adrienne Waffle

HOSPITAL NAME

Torch Lake Veterinary
Clinic

REFERRING VET

Dr. Raddatz

INVOICE

12331ag

DATE

12/01/2022



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.

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