



PATIENT

Claire Hapanowicz

SPECIES

Canine

BREED

Beagle

SEX

Spayed Female

AGE

14 Years

WEIGHT

Not Provided

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

All Creatures Great and
Small, Denville

REFERRING VET

Dr. Mitrovic

INVOICE

13062

DATE

12/14/21

PRESENTING CLINICAL SIGNS

History: Ver stiff, uncomfortable to palpate abdomen, abd. distension. No current meds. Rads suspicious of cranial abd. mass.

Abnormal PE/Chem/CBC/UA Results:

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 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.

Aortic trifurcation was normal.

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 mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.0 cm in length. The right kidney measured 6.1 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.9 cm width at the caudal pole and 0.6 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 0.76 cm width at the caudal pole and 0.66 cm width at the cranial pole.

Spleen

The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Several to multifocal, echogenic nodules were present throughout the medial parenchyma and adjacent to the hilus. 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 or neoplastic changes were not noted. The echogenic nodules tend to trend benign and are most consistent with benign hyperplasia or myelolipomas.

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. 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.

Gastrointestinal



PATIENT

Claire Hapanowicz

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate echogenic ingesta with distal acoustic shadowing. The visualized gastric walls were sonographically unremarkable. The ventral gastric body wall measured 0.34 cm.

SPECIES

Canine

The duodenum exhibited intact yet subjective prominent wall layering with minor duodenal mucosal speckling. The duodenum wall measured 0.64 cm. The jejunum and ileum were sonographically unremarkable to the level of the colon.

BREED

Beagle

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

SEX

Spayed Female

Pancreas

The pancreas base and right pancreatic limb exhibited mild prominent size with asymmetrical to mildly swollen contour and hypoechoic parenchyma compared to adjacent echogenic reactive peripancreatic omentum, The left pancreatic limb exhibited concurrent subtly hypoechoic parenchyma caudal to the stomach. No overt evidence of pancreatic masses or concurrent free fluid.

AGE

14 Years

Free Abdomen

Mild evidence of generalized cranial abdominal mesentery was present. No omental masses, overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

Not Provided

ULTRASONOGRAPHIC FINDINGS

- Pancreatitis with regional peripancreatic to cranial abdominal reactive mesentery
- Probable mild gastroduodenitis with potential gastric stasis
- Hepatic parenchymal remodeling- subjectively benign, sonographically unremarkable gallbladder
- Benign splenic nodules- likely consistent with benign myelolipomas
- Age-related renal changes

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause of the abdominal discomfort in this patient is likely owing to pancreatitis. Likewise, the suspicious cranial abdominal mass noted on radiographs may correlate with regional cranial abdominal inflammation secondary to the pancreatitis. Correlation with a spec CPL could be considered. Minor potential for pancreatic neoplastic criteria which may present sonographically similar to pancreatic inflammation cannot be definitively excluded yet thought less likely at this time. Medical therapy for pancreatitis likely indicated if associated clinical signs. Concurrent musculoskeletal examination and three-view chest radiographs to rule out occult thoracic pathology could be considered.

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

All Creatures Great and Small, Denville

REFERRING VET

Dr. Mitrovic

INVOICE

13062

DATE

12/14/21



PATIENT

Claire Hapanowicz

SPECIES

Canine

BREED

Beagle

SEX

Spayed Female

AGE

14 Years

WEIGHT

Not Provided

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

All Creatures Great and
Small, Denville

REFERRING VET

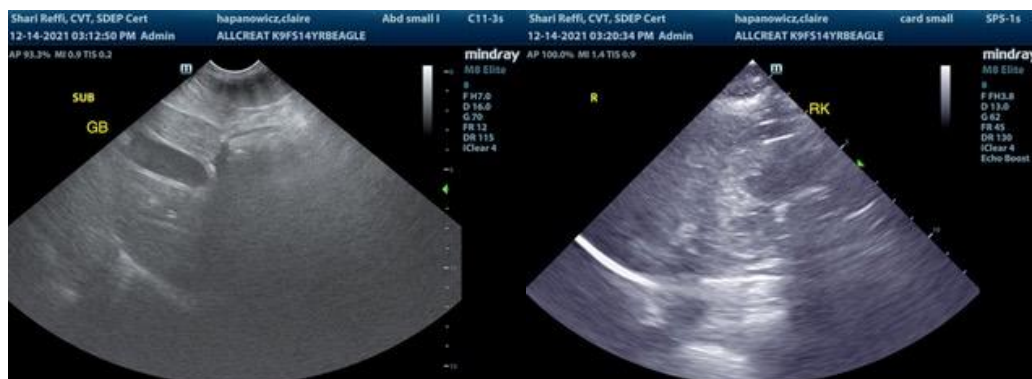
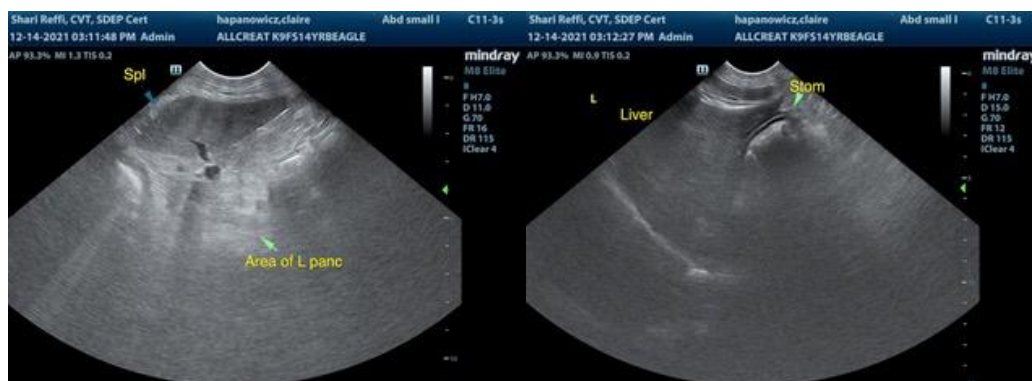
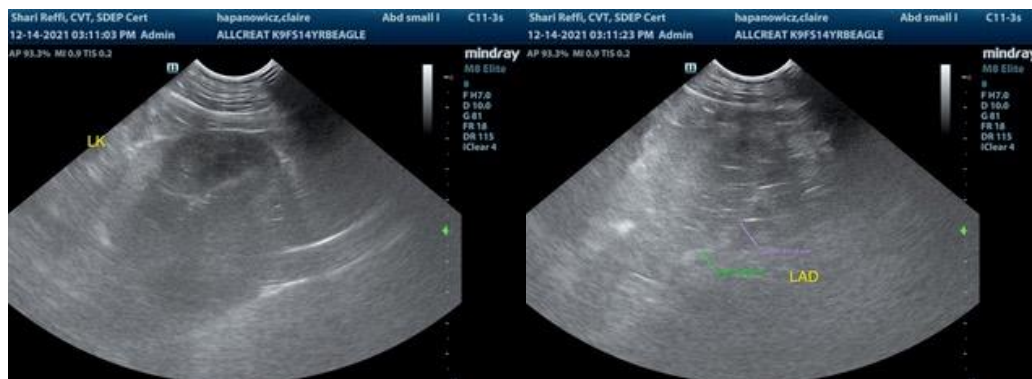
Dr. Mitrovic

INVOICE

13062

DATE

12/14/21





PATIENT

Claire Hapanowicz

SPECIES

Canine

BREED

Beagle

SEX

Spayed Female

AGE

14 Years

WEIGHT

Not Provided

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

All Creatures Great and
Small, Denville

REFERRING VET

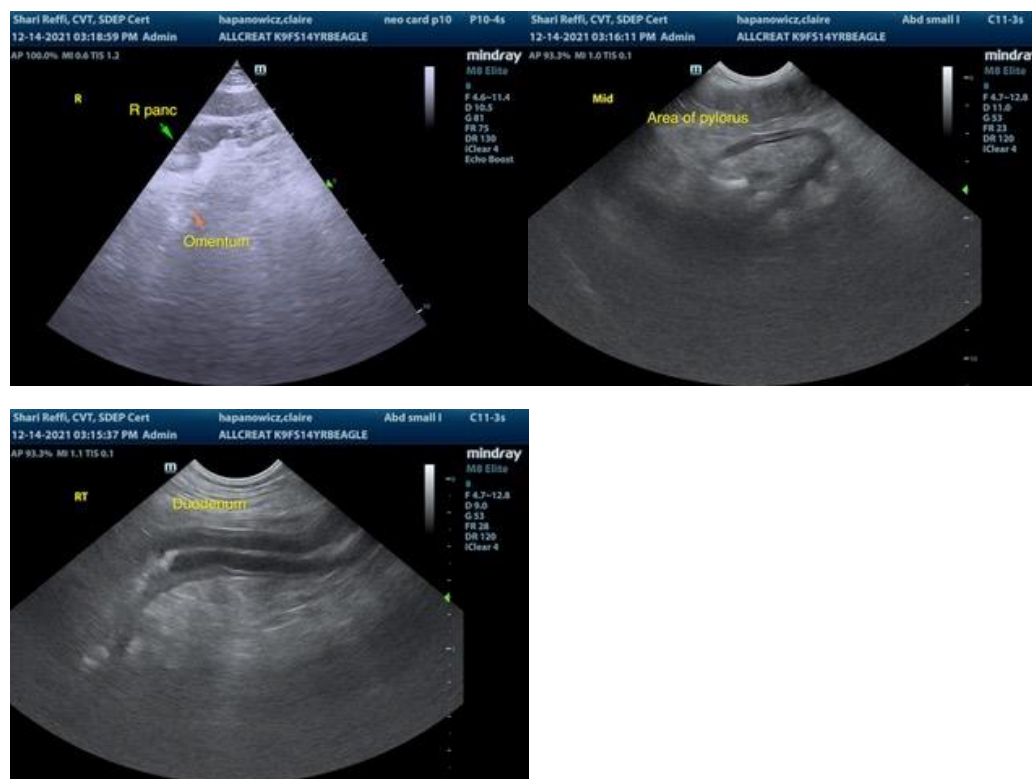
Dr. Mitrovic

INVOICE

13062

DATE

12/14/21



The information and recommendations provided are based on the images presented by the referring veterinarian. 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)
info@SonoPath.com