



PATIENT

Gabriella Medeiros

SPECIES

Feline

BREED

Siamese

SEX

FS

AGE

16 years

WEIGHT

3.5 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Pamela Harrigan, RDCS

HOSPITAL NAME

New England AMC

REFERRING VET

Alberto Fernandez,
DVM

INVOICE

12445

DATE

10/25/21

PRESENTING CLINICAL SIGNS

Referred for projectile vomiting. Past history inflammatory bowel disease. Medications: Prednisolone 2.5 mg/.01 ml transdermal 0.01 ml to pinna q48h; Mirtazapine transdermal oint 5 g 1.00 tube; Metronidazole liquid compounded 8.00 each, 0.8 ml PO q12h x 5 days
Abnormal PE/Chem/CBC/UA Results: BUN 57; SDMA 17; Albumin 4.1

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Mild, nondependent, particulate sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

The area of the aortic trifurcation was free of pathology.

The bilateral kidneys were mildly subnormal in size compared to normal kidney size for the species. 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. Mild pyelectasia was noted in the right kidney. The left kidney measured 2.8 cm in length. The right kidney measured 2.9 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 0.31 cm width. No overt pathology was noted in the area of the right adrenal gland.

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory or neoplastic disease. The spleen measured 0.95 cm width.

Liver/ Gallbladder

The liver was normal in size and overall contour with generalized mild echogenic parenchyma with moderate coarse echotexture. A focal, non-expansive, hypoechoic parenchymal nodule was noted in the right medial to lateral liver, measuring 0.5 cm in diameter. The gallbladder was non-distended in size with mild gallbladder debris. The cystic and common bile ducts were normal.

Gastrointestinal

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. The pylorus wall width measured 0.28 cm.



PATIENT

Gabriella Medeiros

The small intestine presented intact wall layering with subjective propensity for segmental to generalized prominent to mildly echogenic submucosa and subtly prominent muscularis. The jejunum wall width measured 0.23 cm -0.24 cm. The duodenum wall width measured 0.24 cm. The ileocolic wall width measured 0.37 cm.

SPECIES

Feline

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

Pancreas

BREED

Siamese

The left pancreatic limb presented hypoechoic to nonhomogeneous subtly nodular parenchyma. 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

Focal, pancreaticoduodenal lymph node was present, adjacent to the pancreas base and upper duodenum. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph node measured 0.65 cm diameter.

AGE

16 years

No omental masses, lymphadenopathy, or peritoneal effusion were noted.

WEIGHT

3.5 kg

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Hypoechoic to subtly nodular left pancreas - suspect chronic active pancreatitis with parenchymal remodeling and subtle areas of nodular hyperplasia, no overt neoplasia
- Focal, subjectively benign pancreaticoduodenal lymph node
- Chronic renal changes with mild right kidney pyelectasia
- Minor particulate urinary bladder sediment
- Chronic enteropathy
- Nonspecific, mildly echogenic liver with focal non-expansive hypoechoic parenchymal nodule

INTERPRETED BY

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

IMAGING

PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

New England AMC

REFERRING VET

Alberto Fernandez,
 DVM

INVOICE

12445

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered. Potential intestinal mural changes may be suppressed by current IBD treatment. Assessment for evidence of cranial abdominal or subxiphoid discomfort on palpation in the area of the pancreas is recommended. Correlation with a Spec fPL or a GI panel to include PLI/TLI/Cobalamin/Folate if evidence of weight loss, is suggested.

DATE

10/25/21

The vomiting in this patient may be secondary to chronic active pancreatitis or chronic enteropathy or a combination of the two. Continued as-needed gastrointestinal support is indicated.

The appearance of the liver including the solitary parenchymal nodule is nonspecific, given the lack of reported hepatic enzyme elevations. Sonographic monitoring for evidence of progressive hepatic parenchymal nodular changes would be appropriate.



PATIENT

Gabriella Medeiros

SPECIES

Feline

BREED

Siamese

SEX

FS

AGE

16 years

WEIGHT

3.5 kg

INTERPRETED BY

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

IMAGING

PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

New England AMC

REFERRING VET

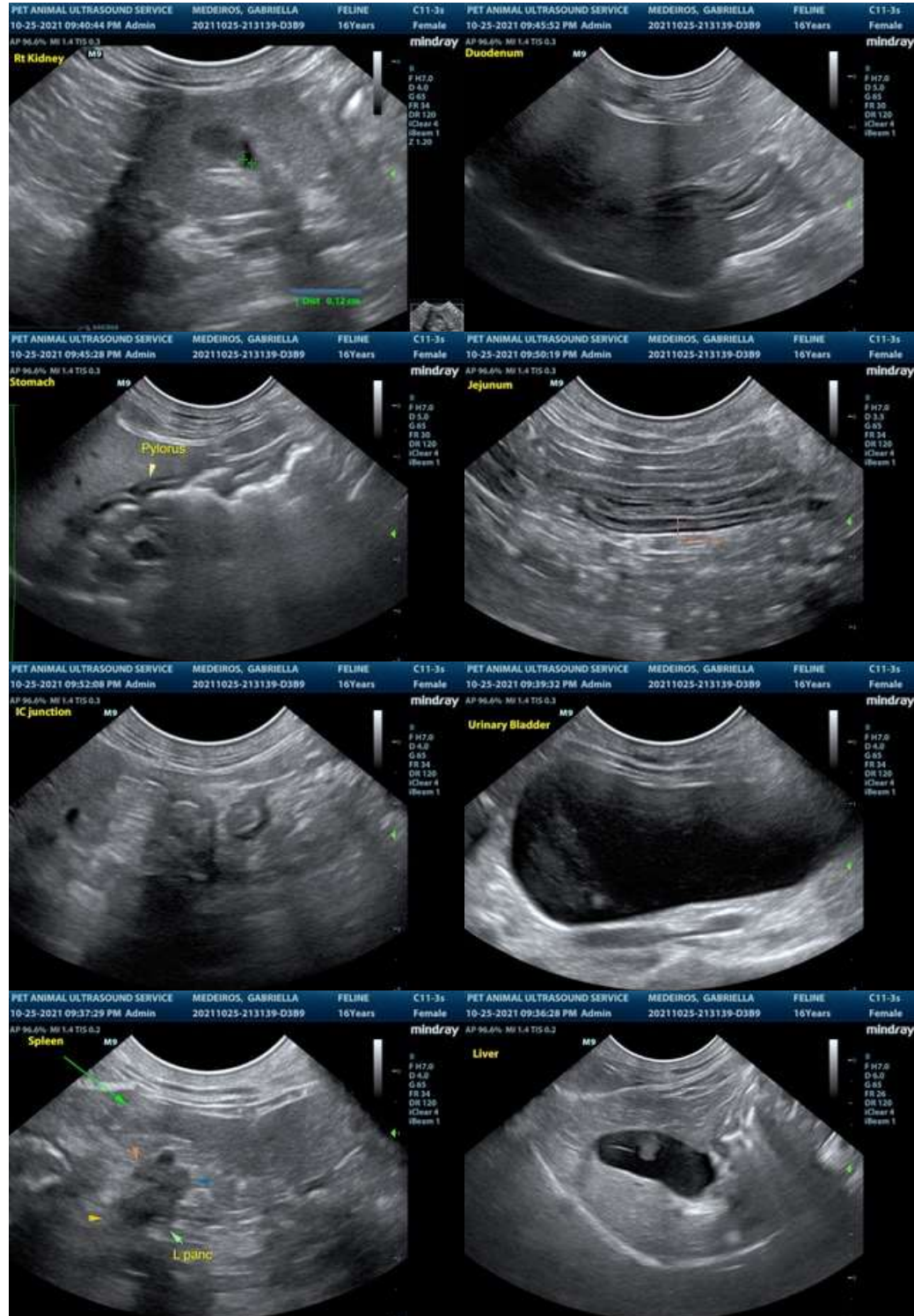
Alberto Fernandez,
 DVM

INVOICE

12445

DATE

10/25/21





PATIENT

Gabriella Medeiros

SPECIES

Feline

BREED

Siamese

SEX

FS

AGE

16 years

WEIGHT

3.5 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDMS

HOSPITAL NAME

New England AMC

REFERRING VET

Alberto Fernandez,
 DVM

INVOICE

12445

DATE

10/25/21



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