

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Prince McGuiness
 12/20/21: Presented for hematemesis. 12/22/21: Re-presented for lethargy and anorexia.
 Radiographs: suspected diffuse gastric thickening. On cerenia, Sucralfate, Pantoprazole. Sedated with torb/dex
SPECIES Abnormal PE/Chem/CBC/UA Results: ALT 160; GGT 10; normal T.Bili, Coags WNL; Spec fPL WNL. UA: NSF
 Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

BREED Maine Coon Cat
 The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. A minor amount of suspended debris was noted. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

SEX

SEX Neutered Male
 The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 4.14 cm. The right kidney measured 4.91 cm.

AGE

2 Years

Adrenal Glands

WEIGHT

6.1 Pounds

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 0.47 cm. The left adrenal gland measured 0.57 cm.

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

IMAGING BY

Pamela Harrigan, RDCS

Liver

HOSPITAL NAME

New England AMC

The **liver** was uniform. Slight free fluid noted between the liver lobes. The gallbladder and common bile duct were unremarkable.

REFERRING VET

Alberto Fernandez

Gastrointestinal

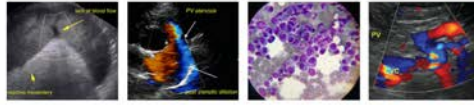
The **stomach** presented severe concentric loss of mural detail with regional inflammation, continuing from the pyloric outflow throughout the gastric wall and to the gastroesophageal inlet. Epigastric lymph node enlargement noted at 0.51 cm in width. Regional peritonitis noted throughout the cranial abdomen. The small intestine and colon were largely unremarkable. The pathology appears to be localized to the stomach.

INVOICE

33697

DATE

12/23/21



PATIENT *Pancreas*

Prince McGuiness The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

SPECIES

Feline

ULTRASONOGRAPHIC FINDINGS

- Severe, erosive gastritis with regional peritonitis

BREED

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Maine Coon Cat

No obvious foreign body. However, small perforating foreign body could not be completely ruled out. Underlying gastric neoplasia or FIP is a potential. Surgical exploratory would likely be the best option in this patient to obtain biopsies and assess for perforation. Gastric, hepatic and lymph node biopsies all indicated. Ultrasound guided FNA of the gastric wall could be considered. However, it may be difficult to obtain a definitive cytological diagnosis. Endoscopy is also an option. However, you would not be able to sample the regional lymph nodes. Prognosis is extremely guarded. Assessment of any history of ingestion of a toxic substance would be appropriate. Regardless, neoplastic criteria is present, yet severe transmural gastric inflammation can present in this manner.

SEX

Neutered Male

AGE

2 Years

WEIGHT

6.1 Pounds

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

IMAGING BY

Pamela Harrigan, RDCS

HOSPITAL NAME

New England AMC

REFERRING VET

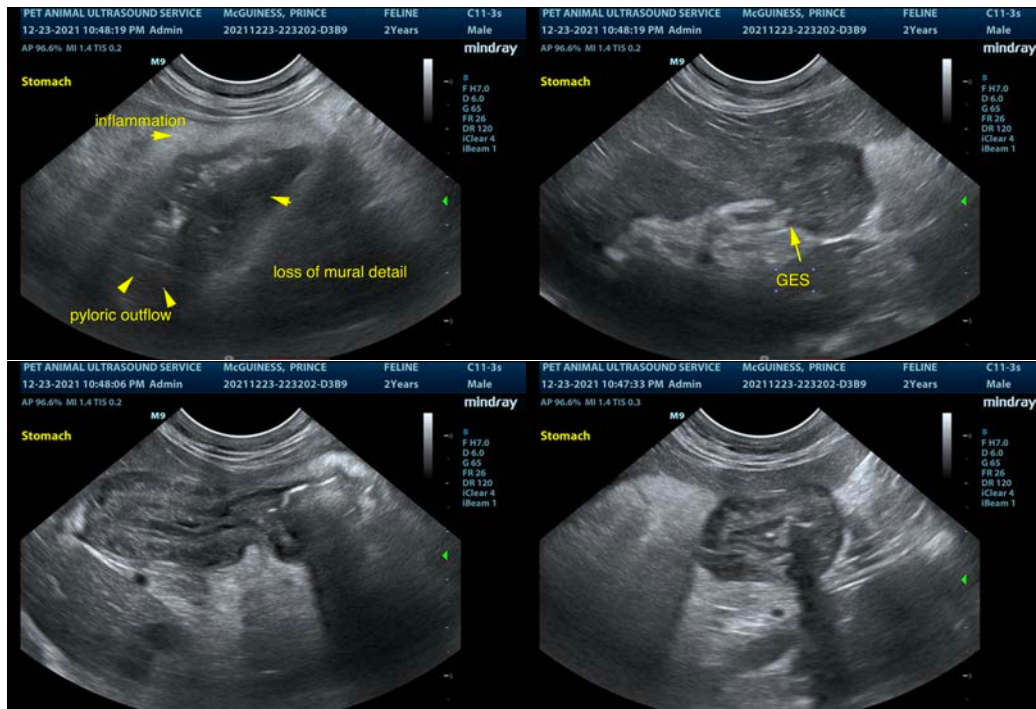
Alberto Fernandez

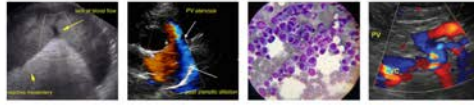
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PATIENT

Prince McGuiness

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Feline

BREED

Maine Coon Cat

SEX

Neutered Male

AGE

2 Years

WEIGHT

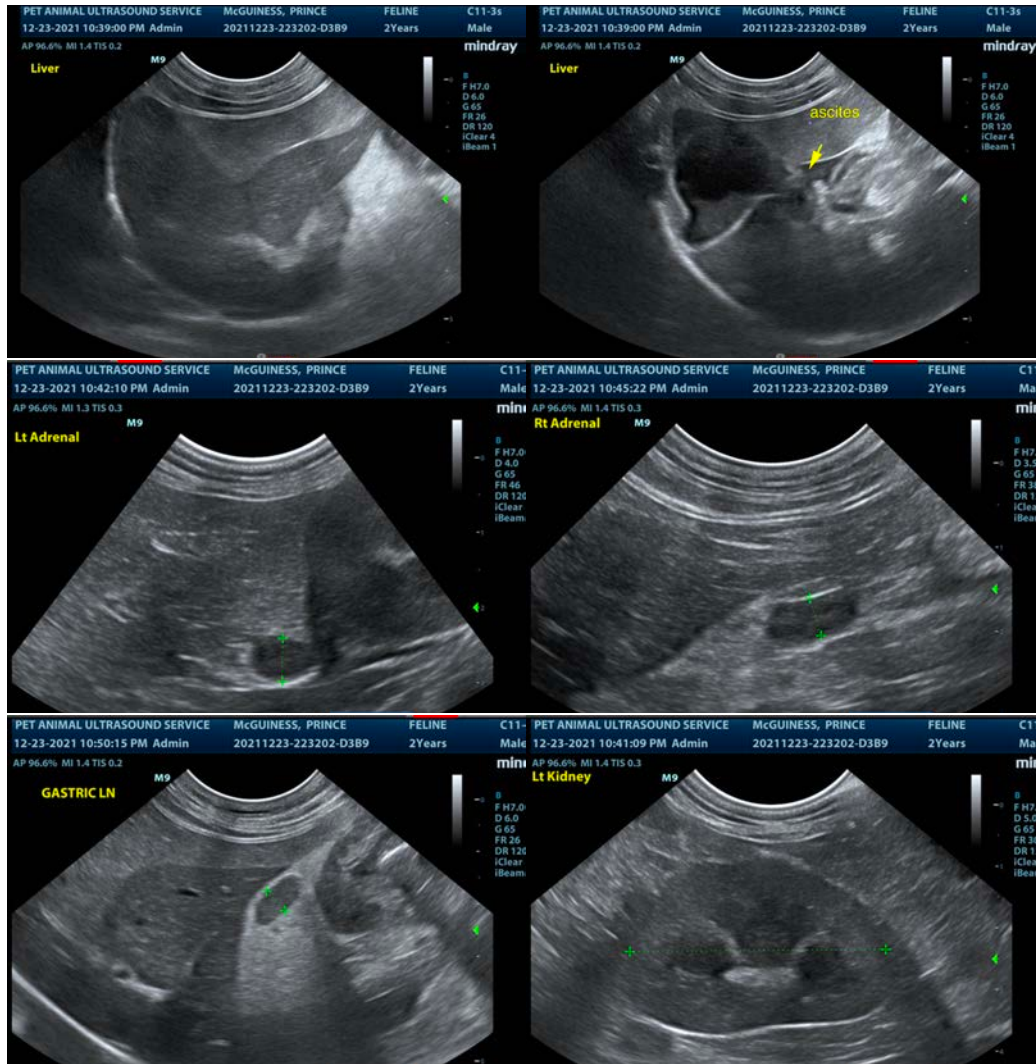
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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