



PATIENT

Luna O'Donnell

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

5yr

WEIGHT

5.7kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Lindsay Powell, CVT

HOSPITAL NAME

Hershey Animal
Emergency Center

REFERRING VET

Dr. Brittany Lang

INVOICE

23233

DATE

12/16/2025

PRESENTING CLINICAL SIGNS

Presented Monday 12/15 at 3:30P for vomiting. Persistent vomiting since Thursday night progressing from yellow bile to white foamy material, with continued inappetence despite prior outpatient care and fluids on Friday. Owner reports no improvement and concern for abdominal discomfort.

Abdominal: Mild discomfort elicited on abdominal palpation. Integument: Ventral abdominal area and inguinal region hypotrichosis likely secondary to overgrooming.

Abnormal PE/Chem/CBC/UA Results: rDVM 12/12: - Rads: Feces in descending colon. Gas in stomach. The small intestine is sitting close together in caudal abdomen without obvious plication at this time. No obvious FB noted. No pathologic dilation seen. Remaining viscera is WNL. - CBC: HCT 52%, platelets 185k with clumping, neutrophilia (11.34k) with no bands. Otherwise WNL - Chem: CPL 1769, otherwise WNL including normal pancreatic lipase - T4 WNL At HAEC 12/15: - EPOC: pCO2 (28.7), BE (-8.6), creatinine 1.78. otherwise WNL - PCV/TP: 45/6.4 12/16: PCV/TS: 43%/6.8 clear EPOC: cSO2 81.0 (H) K 3.0 (L) BP: 4a- 179 Radiographs: Large amount of gas in descending colon with small amount of feces present at aboral aspect otherwise empty, normal thoracic structures

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine/lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible, which is normal. No evidence of inflammatory or neoplastic changes was noted.

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. Mild right kidney pyelectasia was present. The left kidney measured 4.1 cm in length. The right kidney measured 4.2 cm in length.

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.46 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.48 cm width.

Spleen

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.

Liver/Gallbladder

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. Normal vascular volume. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was



PATIENT

Luna O'Donnell

non-distended in size with thin walls and primarily anechoic luminal content. The proximal common bile duct was dilated and mildly tortuous without overt post hepatic obstruction.

Gastrointestinal

SPECIES

Feline

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.

BREED

DSH

The small intestine presented intact borderline prominent wall layering exhibiting segmental propensity for mildly prominent intestinal muscularis layer. Generalized empty intestinal lumen without mechanical / metabolic ileus or foreign material to the level of the colon. The duodenum wall measured 0.28 cm width. The jejunum wall measured 0.25-0.26 cm width.

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

SEX

FS

Pancreas

The left and right pancreas were mildly prominent in size exhibiting mild homogenous hypoechoic parenchyma compared to adjacent non-reactive omentum.

AGE

5yr

Free Abdomen

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

WEIGHT

5.7kg

ULTRASONOGRAPHIC FINDINGS

Primary

- Normal empty stomach
- Suspect mild IBD intestinal pattern
- Subjective mild pancreatitis
- Mild non-obstructive proximal common bile duct dilation-patient variant, secondary to fasting or possible low-grade cholangitis

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Lindsay Powell, CVT

Assessment for evidence of cranial abdominal/subxiphoid discomfort on palpation which may correlate with mild pancreatitis is recommended. Potential for small intestinal patient variant although the small intestine exhibited subtle mural changes suggestive of mild inflammatory criteria. No evidence of gastrointestinal obstructive pattern, foreign material or overt neoplastic criteria.

HOSPITAL NAME

Hershey Animal
Emergency Center

Gastrointestinal support and empirical therapy for mild pancreatitis with clinical monitoring is recommended. Sonographic reassessment indicated if continuing or progressive gastrointestinal signs with potential intestinal biopsies likely required for definitive diagnosis.

REFERRING VET

Dr. Brittany Lang

INVOICE

23233

DATE

12/16/2025



PATIENT

Luna O'Donnell

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

5yr

WEIGHT

5.7kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Lindsay Powell, CVT

HOSPITAL NAME

Hershey Animal
Emergency Center

REFERRING VET

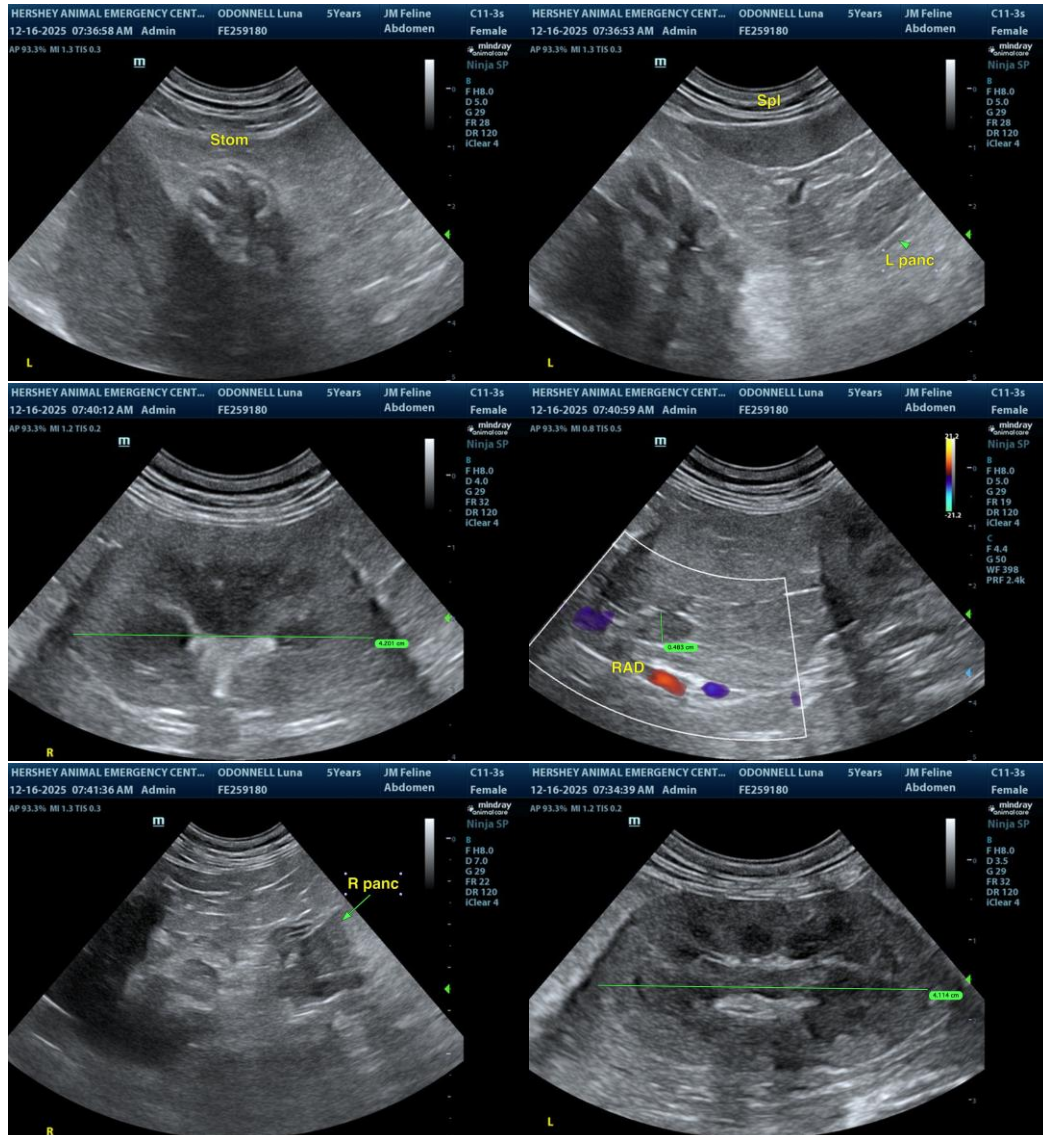
Dr. Brittany Lang

INVOICE

23233

DATE

12/16/2025





PATIENT

Luna O'Donnell

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

5yr

WEIGHT

5.7kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Lindsay Powell, CVT

HOSPITAL NAME

Hershey Animal
Emergency Center

REFERRING VET

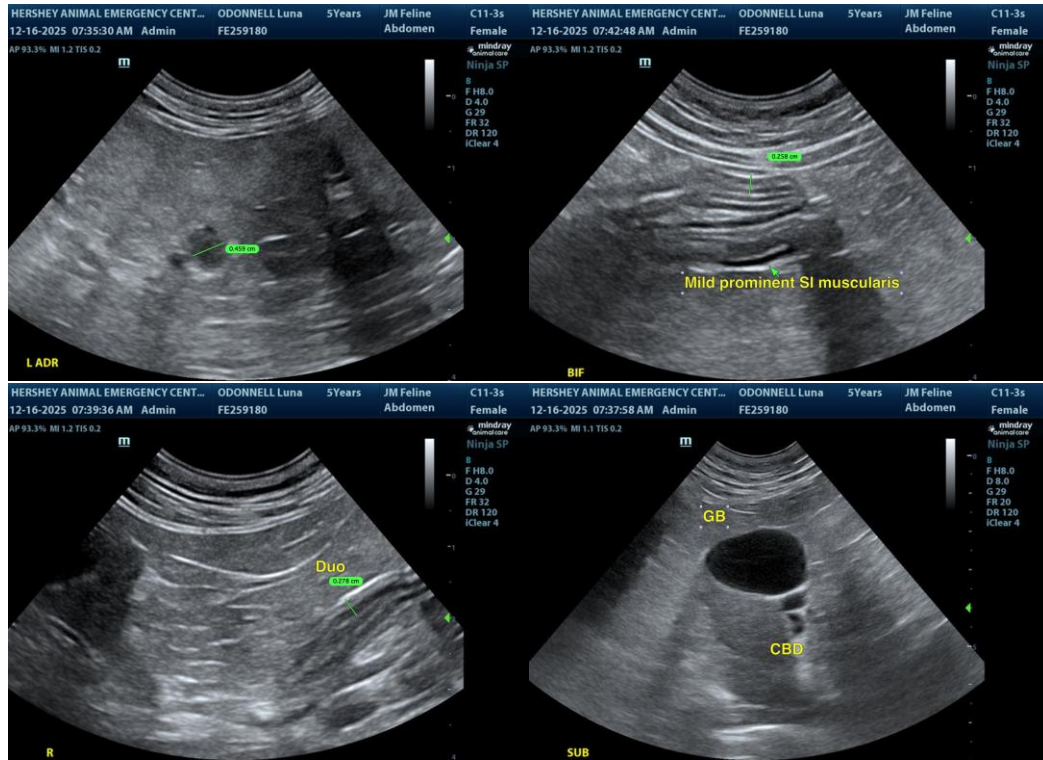
Dr. Brittany Lang

INVOICE

23233

DATE

12/16/2025



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)
info@sonopath.com