



## PATIENT

Percy Reider

## SPECIES

Feline

## BREED

DMH

## SEX

MC

## AGE

4 years

## WEIGHT

8.7 kg

## INTERPRETED BY

Tam Mengine, DVM,  
DABVP (canine/feline  
practice)

## IMAGING PERFORMED BY

Lindsay Powell, CVT

## HOSPITAL NAME

Hershey Animal  
Emergency Center

## REFERRING VET

Dr. Kimberly Davidson

## INVOICE

10867

## DATE

12/5/2025

## PRESENTING CLINICAL SIGNS

Inappropriate defecation outside the box and chronic diarrhea with blood. Has trialed Hill's GI Biome with no improvement.

Abnormal PE/Chem/CBC/UA Results: Obese but otherwise normal PE. EPOC: pO2 75 H, cSO2 92.5 H, BE, ECF -7.8 L, Na 145 L, Glu 177 H Chem/pancreatic lipase: WNL Fecal: Negative U/A: pending - did not want to cysto the bladder.

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder is moderately distended with anechoic urine. A large amount of echogenic luminal material is present, typical of mucus or blood. The ureteral papillae, trigone and pelvic urethra are of normal appearance, and the ureters are not visible (normal). No masses, calculi or mucosal irregularities are noted. Urethra visualized to 3.0 cm.

The kidneys are of normal size and shape and exhibit appropriate corticomedullary differentiation with a normal 1:3 cortex to medulla ratio. There is no evidence of nephrolithiasis, mineralization, pyelectasia, cystic change or hydronephrosis. The proximal ureter is not visible (normal). Left kidney measures 4.6 cm, and the right kidney measures 4.6 cm.

### Adrenal Glands

The adrenal glands are both identified in their normal locations. They are normal in size and shape with appropriate parenchymal echogenicity and normal phrenic vasculature. Left adrenal measures 3.1 mm, and the right adrenal measures 3.1 mm.

### Spleen

The spleen is of appropriate size (9.8 mm) and has a normal, homogenous parenchyma with a smooth, continuous capsular surface. The splenic vasculature is normal with no evidence of congestion or thrombosis, and blood flow through the splenic hilus appears normal. Thickness at the splenic hilus is normal.

### Liver

The liver is of appropriate size and shape, with sharp borders and a mildly coarse parenchymal echotexture that is hypoechoic to the spleen. The portal and hepatic vasculature are of normal size and appearance with no evidence of congestion or thrombosis.

The gallbladder moderately is distended with anechoic contents. The wall was thin and continuous with no focal lesions. The cystic and common bile ducts are normal / not visible.

### Gastrointestinal

The stomach is moderately distended with ingesta. The gastric wall measures 2.1 mm with normal deviations due to rugal folds, and exhibits appropriate wall layering. The pylorus is of normal appearance.

The visualized portions of the duodenum, jejunum, and ileum are predominantly of normal thickness with intact wall layering that exhibits the appropriate 1:3 muscularis to mucosa ratio. There is a single



## PATIENT

Percy Reider

## SPECIES

Feline

## BREED

DMH

## SEX

MC

## AGE

4 years

## WEIGHT

8.7 kg

## INTERPRETED BY

Tam Mengine, DVM,  
DABVP (canine/feline  
practice)

## IMAGING PERFORMED BY

Lindsay Powell, CVT

## HOSPITAL NAME

Hershey Animal  
Emergency Center

## REFERRING VET

Dr. Kimberly Davidson

## INVOICE

10867

## DATE

12/5/2025

segment of bowel noted surrounded by hyperechoic omental fat, with a thickened wall and prominent submucosal layer, total thickness up to 2.9 mm. Intestinal motility appears normal.

The visible portions of the colon are of normal thickness, 1.9 mm, with intact wall layering. The ileocecal junction was not visualized.

### *Pancreas*

The areas of the limbs and body of the pancreas are isoechoic to the surrounding mesenteric fat, with normal capsular appearance. There is no evidence of peripancreatic inflammation. The pancreatic duct appears normal.

### *Free Abdomen*

There is no free fluid noted within the abdomen. There is hyperechoic, inflamed omental fat noted in the region of the mesentery. Enlarged abdominal lymph nodes are not observed. The aortic trifurcation has normal blood flow with no evidence of thrombosis.

## PRIMARY FINDINGS

- Focally thickened small bowel with steatitis.

## SECONDARY FINDINGS

- Large amount of bladder sediment.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The segmentally thickened bowel is consistent with non-specific enteritis. Given the chronicity of the symptoms and lack of response to empiric therapy, intestinal biopsies would be recommended, ideally with sonographic guidance to ensure that the correct segment of bowel is sampled. If biopsies are not performed, then additional recommendations might include:

The changes in the gastrointestinal tract are suggestive of infiltrative bowel disease, including both inflammatory bowel etiologies (food allergy, lymphoplasmacytic enteritis, eosinophilic enteritis) or low-grade gastrointestinal lymphoma. Recommendations include:

- Fecal parasite testing and empiric fenbendazole treatment
- 
- Definitive diagnosis would require biopsy of the affected tissue, ideally with intra-operative ultrasonographic guidance. If there is concurrent lymphadenopathy, ultrasound-guided sampling of the lymph node using a 25 or 22G needle could be considered.



## PATIENT

Percy Reider

## SPECIES

Feline

## BREED

DMH

## SEX

MC

## AGE

4 years

## WEIGHT

8.7 kg

## INTERPRETED BY

Tam Mengine, DVM,  
DABVP (canine/feline  
practice)

## IMAGING PERFORMED BY

Lindsay Powell, CVT

## HOSPITAL NAME

Hershey Animal  
Emergency Center

## REFERRING VET

Dr. Kimberly Davidson

## INVOICE

10867

## DATE

12/5/2025



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.

**Tam Mengine, DVM, DABVP (canine/feline practice)**

info@SonoPath.com