



PATIENT

Percy Raveane

PRESENTING CLINICAL SIGNS

History: 6-day history of lethargy, inappetence, and 1 episode of diarrhea. Diabetic.
Abnormal PE/Chem/CBC/UA Results: QAR, moderate dehydration, marked generalized muscle wasting

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are mostly anechoic. No cystic calculi are observed. The region of the trigone is normal.

BREED

Domestic mediumhair

SEX

Male, neutered

The left kidney is normal size (4.44 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. Mild pyelectasia is present (0.22 cm in the transverse plane). There is no evidence of nephroliths, infarcts or hydroureter.

AGE

14 Yrs.

The right kidney is normal size (4.41 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

4.14 kg.

Adrenal Glands

The left adrenal gland is normal in size (0.48 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

The right adrenal gland is normal in size (0.44 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Amy Mayhew

Spleen

The spleen is normal in size (0.58 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

HOSPITAL NAME

SVS Imaging Michigan

Liver

The liver is subjectively enlarged with slightly swollen peripheral contours. The parenchyma is hyperechoic relative to the spleen and diffusely homogeneous in appearance. No distinct focal lesions are observed. Vascular and biliary tracts are of normal volume with no evidence of congestion. The portal vein to caudal vena cava ratio is approximately 1:1. The gall bladder lumen is moderately distended. The wall is thin and smooth. A scant amount of echogenic debris is suspended within the lumen. The cystic and common bile ducts are visible/tortuous but not overtly dilated. A small amount of echogenic debris is observed within the lumen. The duodenal papilla is normal in thickness (0.39 cm in width). There is no obvious evidence of an intraluminal obstruction.

REFERRING VET

Dr. Schecter

Gastrointestinal

INVOICE

14872

The gastric lumen is mildly distended with ingesta. Within the ingesta, a small amount of hyperechoic shadowing material is observed. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is segmentally dilated with chyme and gas. The small intestinal wall thickness is normal with retention of the normal layering

DATE

5/1/23



PATIENT

Percy Raveane

pattern. There is disruption in the normal 1:3 muscularis to mucosal ratio with a 1:1 ratio in several segments. Discreet masses are not identified. The ileocecolic junction and colonic wall are normal. No obvious obstructive disease is noted.

SPECIES

Feline

Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

BREED

Domestic mediumhair

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

SEX

Male, neutered

ULTRASONOGRAPHIC FINDINGS

AGE

14 Yrs.

Primary Findings:

- Bowel pattern consistent with inflammatory bowel disease with potential for emerging lymphoma.
- The shadowing material within the gastric lumen may represent normal ingesta and/or foreign material. It appears non-obstructive at the time of the study.

WEIGHT

4.14 kg.

Secondary Findings:

- The hepatic parenchymal changes are most consistent with a diabetic hepatopathy. However, other hepatopathies (i.e., hepatic lipidosis, inflammatory disease or less likely infiltrative neoplasia) cannot be completely excluded. Correlation with the patient's liver values is recommended.
- The left pyelectasia may be secondary to age-related remodeling, pyelonephritis, PU/PD (if applicable) or some combination thereof.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

**IMAGING
PERFORMED BY**

Amy Mayhew

HOSPITAL NAME

SVS Imaging Michigan

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- A urinalysis is recommended to assess for glucosuria/ketonuria.
- Other diagnostic/therapeutic considerations include the following:
 1. A fecal evaluation for ova/Giardia
 2. GI panel including serum cobalamin, folate, TLI and PLI sent to Texas A&M
 3. Initiation of a probiotic +/- fiber supplement (i.e., Psyllium)
 4. Consider transitioning to a limited antigen or hydrolyzed protein diet, particularly if the patient has had chronic intermittent GI signs.
 5. A urine culture and sensitivity is recommended to assess for an occult infection.
 6. Also consider three-view thoracic radiographs to assess for occult disease in the chest, particularly if the patient is ketotic.

REFERRING VET

Dr. Schecter

INVOICE

14872

DATE

5/1/23



PATIENT

7. While awaiting test results, symptomatic care is recommended.

Percy Raveane

SPECIES

Feline

BREED

Domestic mediumhair

SEX

Male, neutered

AGE

14 Yrs.

WEIGHT

4.14 kg.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Amy Mayhew

HOSPITAL NAME

SVS Imaging Michigan

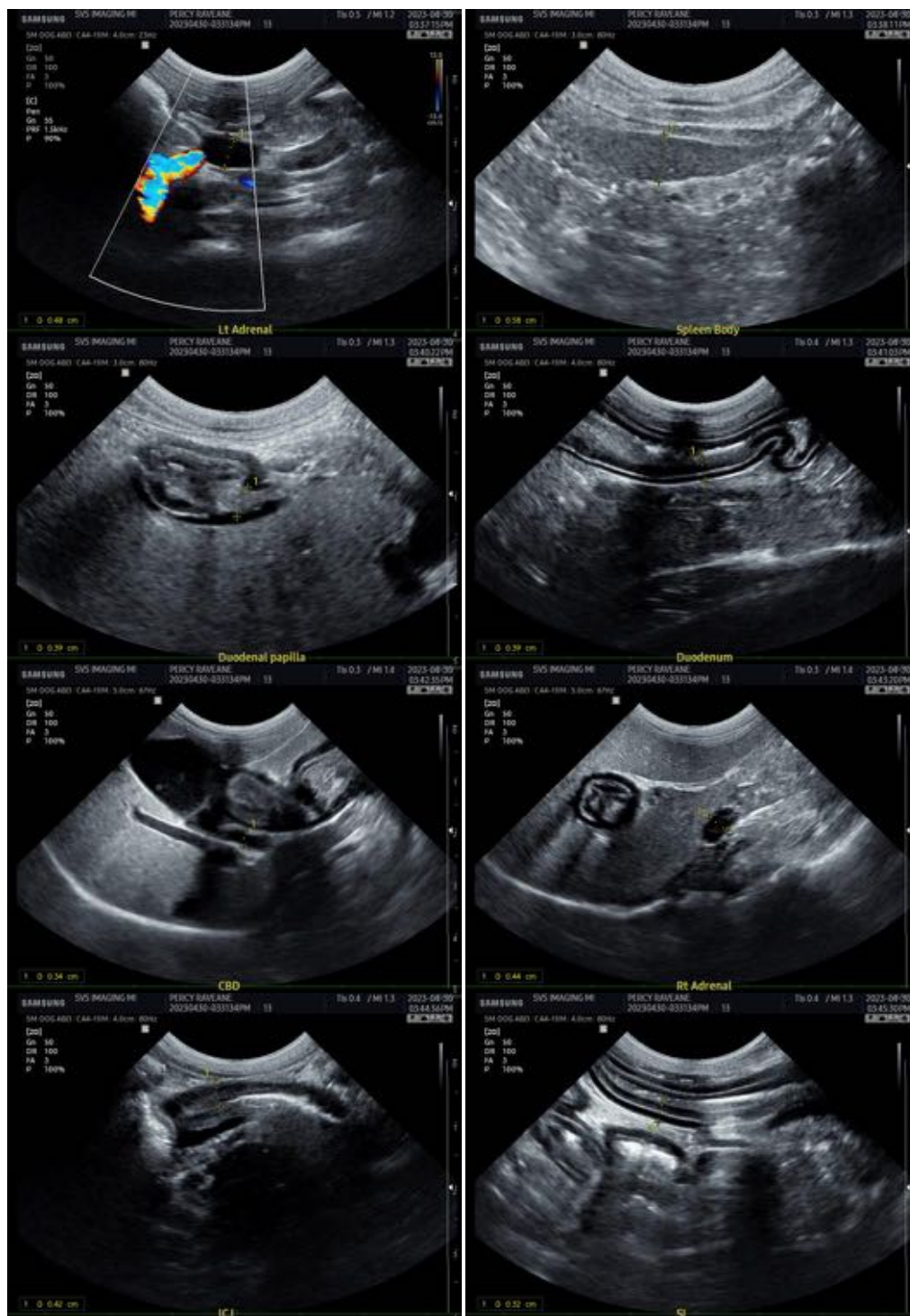
REFERRING VET

Dr. Schecter

INVOICE

14872

DATE
5/1/23





PATIENT

Percy Raveane

SPECIES

Feline

BREED

Domestic mediumhair

SEX

Male, neutered

AGE

14 Yrs.

WEIGHT

4.14 kg.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

**IMAGING
PERFORMED BY**

Amy Mayhew

HOSPITAL NAME

SVS Imaging Michigan

REFERRING VET

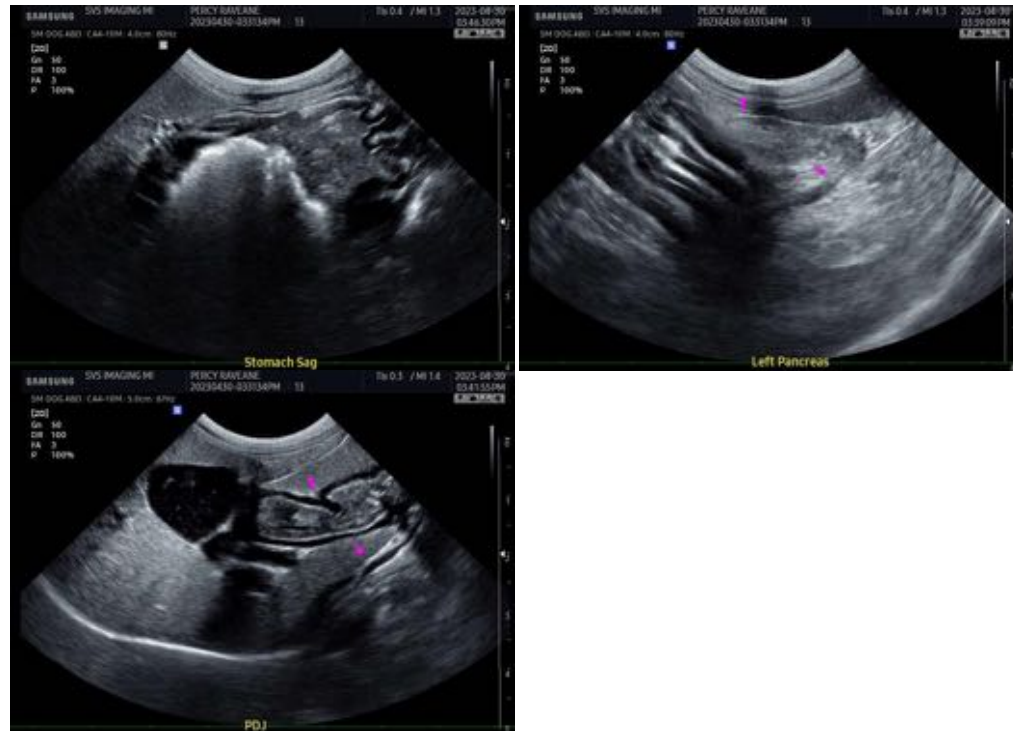
Dr. Schecter

INVOICE

14872

DATE

5/1/23



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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com