

**PATIENT**

Charlie Seach

**SPECIES**

Feline

**BREED**

DSH

**SEX**

MN

**AGE**

2.5yr

**WEIGHT**

7lb

**INTERPRETED BY**R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)**IMAGING  
PERFORMED BY**

Amy Mayhew LVT

**HOSPITAL NAME**SVS Imaging  
Michigan**REFERRING VET**Airport Veterinary  
Hospital**INVOICE**

11580ag

**DATE**

09/09/2022

**PRESENTING CLINICAL SIGNS**

Not eating/drinking, vomiting for about 4 days. Other feline at home passed 2 months ago from foreign body

Abnormal PE/Chem/CBC/UA Results: CBC/Chem normal FPL normal Combo test Neg/Neg

**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 uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were 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 with no evidence of pelvic dilation. The left kidney measured 3.8 cm in length. The right kidney measured 3.6 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 0.42 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.38 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**

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. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The proximal common bile duct was dilated and tortuous without overt post hepatic obstruction measuring 0.2 cm in diameter.

**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 small intestine presented intact wall layering with prominent layering noted in the generalized duodenum. Minor segmental ileus pattern was noted with concurrent focal to segmental non-obstructive hyperechoic ingesta and pockets of gas.

The colon walls presented intact yet mildly prominent wall layering with mild thickened to echogenic submucosa. Nonformed to liquid fecal matter was present in the colon lumen with lumen dilation.

**IMAGING PERFORMED BY**

SVS Mobile Imaging MI 734-637-7711  
svsimagingmi@gmail.com



EDUCATIONAL TELECONSULTATION SERVICES™

1-800-838-4268 info@sonopath.com SonoPath.com

**PATIENT**

Charlie Seach

**Pancreas**

The parenchyma of the left limb, body and right limb of the pancreas presented subtle hypoechoic parenchyma with indistinct pancreatic margins compared to the adjacent omental fat.

**SPECIES**

Feline

**Free Abdomen**

Mild peri-intestinal to generalized hyperechoic mesentery was present. No evidence of overt peritoneal free fluid.

**BREED**

DSH

Intermittent mildly prominent to enlarged mesenteric nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph node measured 0.3 cm in diameter.

**SEX**

MN

**ULTRASONOGRAPHIC FINDINGS**

- Acute gastroenterocolitis pattern with moderate duodenitis
- Mild segmental small bowel ileus with minor amounts of non-obstructive hyperechoic ingesta
- Associated mild benign/reactive mesenteric lymph nodes
- Subtly hypoechoic pancreas
- Mild non-obstructive pancreatic duct dilation-suspect secondary to fasting

**AGE**

2.5yr

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS****WEIGHT**

7lb

The appearance of the gastrointestinal tract was suggestive of acute inflammatory bowel episode potentially secondary to dietary indiscretion / food hypersensitivity, infectious disease, enterotoxic insult or other. No overt evidence of definitive GI foreign body or obstructive foreign material was observed. No obvious indication for immediate surgical intervention

**INTERPRETED BY**

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

Potential for minor reactive pancreatic changes or concurrent low-grade inflammation possible yet sonographic evidence of significant pancreatitis was not present.

Continued supportive care for acute gastroenterocolitis is recommended. Sonographic reassessment of the GI tract may be considered if persistent/progressive GI signs despite supportive care.

**IMAGING PERFORMED BY**

Amy Mayhew LVT

**HOSPITAL NAME**

SVS Imaging  
Michigan

**REFERRING VET**

Airport Veterinary  
Hospital

**INVOICE**

11580ag

**DATE**

09/09/2022

IMAGING PERFORMED BY

SVS Mobile Imaging MI 734-637-7711  
svsimagingmi@gmail.com



**PATIENT**

Charlie Seach

**SPECIES**

Feline

**BREED**

DSH

**SEX**

MN

**AGE**

2.5yr

**WEIGHT**

7lb

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Amy Mayhew LVT

**HOSPITAL NAME**

SVS Imaging  
Michigan

**REFERRING VET**

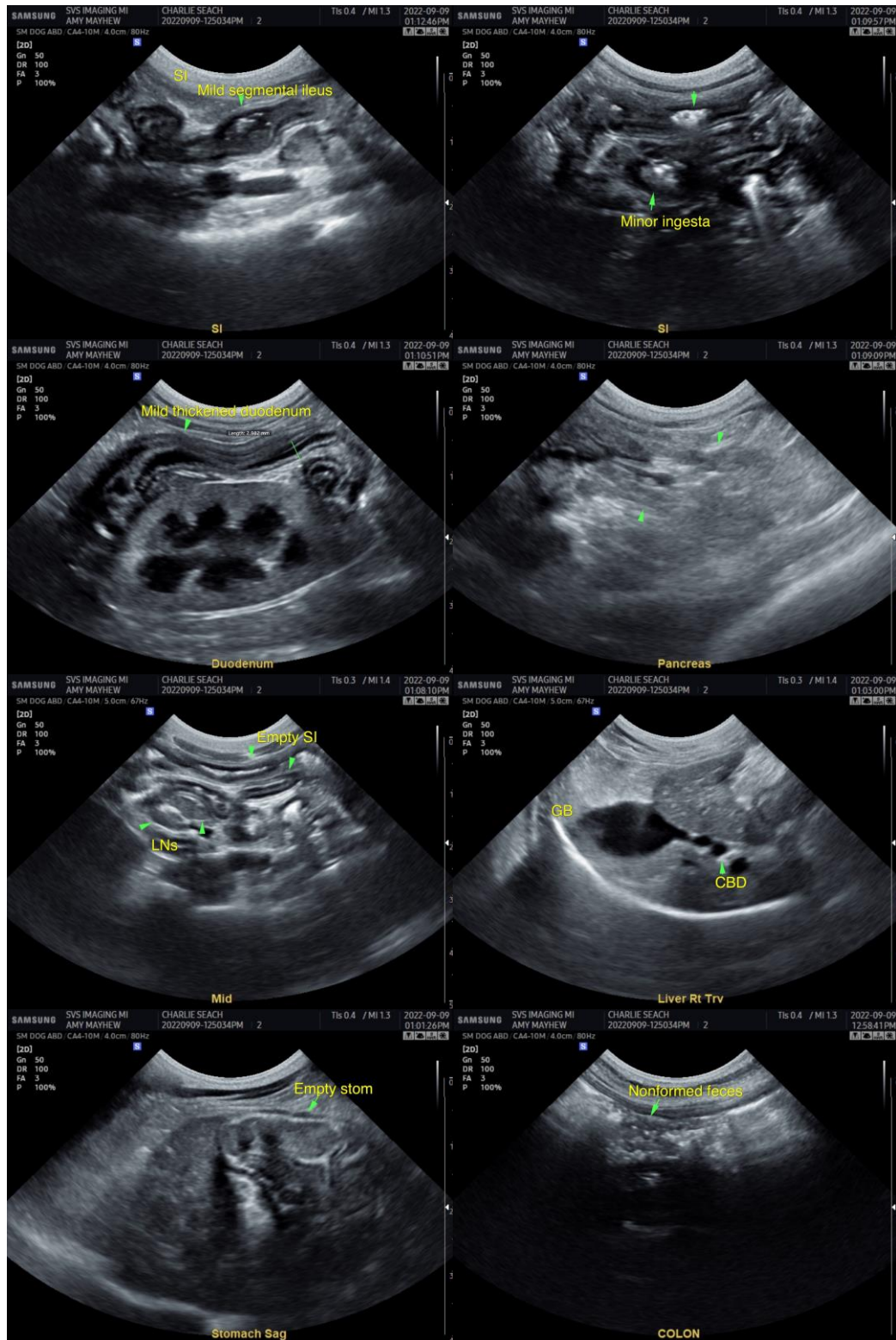
Airport Veterinary  
Hospital

**INVOICE**

11580ag

**DATE**

09/09/2022



**IMAGING PERFORMED BY**

SVS Mobile Imaging MI 734-637-7711  
svsimagingmi@gmail.com



**PATIENT**

Charlie Seach

**SPECIES**

Feline

**BREED**

DSH

**SEX**

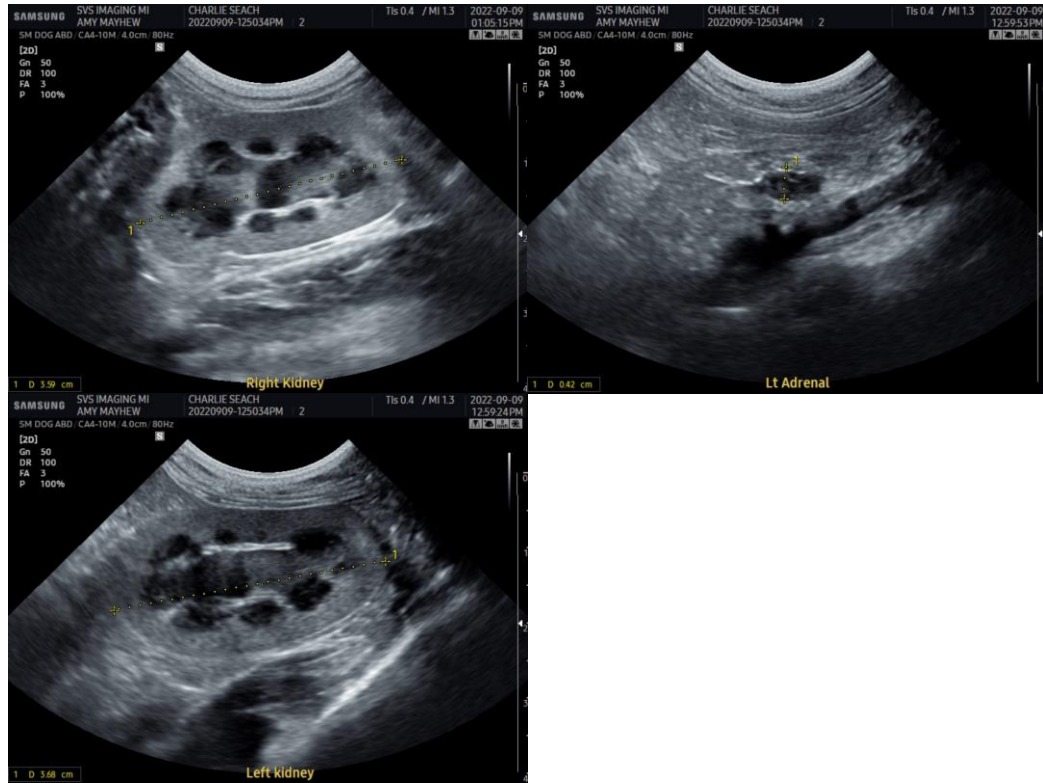
MN

**AGE**

2.5yr

**WEIGHT**

7lb



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

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Amy Mayhew LVT

**HOSPITAL NAME**

SVS Imaging  
Michigan

**REFERRING VET**

Airport Veterinary  
Hospital

**INVOICE**

11580ag

**DATE**

09/09/2022