

**PATIENT**

Simba York

**SPECIES**

Feline

**BREED**

Maine Coon

**SEX**

MN

**AGE**

6yr

**WEIGHT**

6.54kg

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

Kim Liedberg

**HOSPITAL NAME**

SVS Imaging WI

**REFERRING VET**Madison Veterinary  
Specialists Dr. Patton**INVOICE**

11622ag

**DATE**

09/13/2022

**PRESENTING CLINICAL SIGNS**

Weight loss, vomiting, BW wnl, Rads reveal possible mass in mid abdomen, tubular structure, can be palpated. Patient is sedated with fentanyl IV.

**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 minor particulate 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 4.6 cm in length. The right kidney measured 4.4 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 0.49 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.37 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. The spleen measured 0.75cm in width at the level of the hilus.

**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 thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

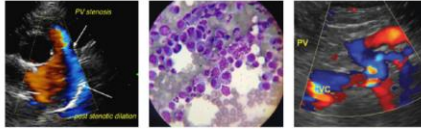
**Gastrointestinal**

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was moderately distended secondary to retained anechoic fluid and mild echogenic non-shadowing chyme with no signs of ileus, obstruction or foreign material.

The small intestine presented segmental variable moderate distention with retained anechoic fluid and intermittent hyperechoic to shadowing luminal echoes. Focal segment of intestine exhibited mild to moderate mural hypertrophy with loss of wall layering and concurrent intussusception in the mid abdomen. The area of the abnormal intestine measured ~ 3-4 cm in length with 2.2 cm wall width. Empty small intestine noted distal to the abnormal segment of small intestine to the level of the ileocolic junction.

**IMAGING PERFORMED BY**

SVS Mobile Imaging 262-366-5970  
fredgromalak@gmail.com



**Clinical Sonography & Telecytology**

EDUCATIONAL TELECONSULTATION SERVICES™

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

**PATIENT**

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

Simba York

**Pancreas****SPECIES**

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

Feline

**Free Abdomen****BREED**

Regional hyperechoic omentum primarily around the intussusception was noted. Focally enlarged mesenteric lymph nodes were present. These lymph nodes were homogenous, mildly hypoechoic and smoothly margined. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was evident. An example of lymph node size was 1.3 cm x 0.5 cm.

Maine Coon

**SEX**

No overt peritoneal free fluid.

MN

**ULTRASONOGRAPHIC FINDINGS****AGE**

- Segmentally thickened SI with mural mass like lesion and concurrent intussusception - measured approx. 3-4 cm length with segmental wall with 2 cm.
- Fluid / chyme distended stomach and segmental SI proximal with intermittent shadowing echo - potential for hairball, stuffing, etc., empty SI distal - indicative of jejunal location of the pathology, consistent with obstructive pattern
- Associated mesenteric lymphadenitis / hyperplasia and hyperechoic omentum, early neoplastic LNs can't be excluded thought less likely

6yr

**WEIGHT**

6.54kg

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS****INTERPRETED BY**

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

The intestinal thickening may indicate inflammatory changes. Confirmed intussusception with possible inflammatory vs potential neoplastic mural changes and/or potential for FB. The segments involved likely include the jejunum given the presence of empty small intestine distal to the affected intestinal segments. Exploratory laparotomy with gross inspection, R/A, and biopsies as indicated. Suspect associated mild regional peritonitis, no overt SI perforation. Guarded prognosis indicated.

**IMAGING PERFORMED BY**

Kim Liedberg

**HOSPITAL NAME**

SVS Imaging WI

**REFERRING VET**

Madison Veterinary  
Specialists Dr. Patton

**INVOICE**

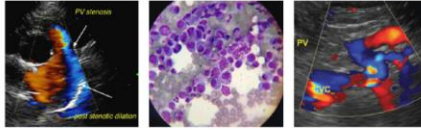
11622ag

**DATE**

09/13/2022

IMAGING PERFORMED BY

SVS Mobile Imaging 262-366-5970  
fredgromalak@gmail.com



Clinical Sonography & Telectology

EDUCATIONAL TELECONSULTATION SERVICES™

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

PATIENT

Simba York

SPECIES

Feline

BREED

Maine Coon

SEX

MN

AGE

6yr

WEIGHT

6.54kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Kim Liedberg

HOSPITAL NAME

SVS Imaging WI

REFERRING VET

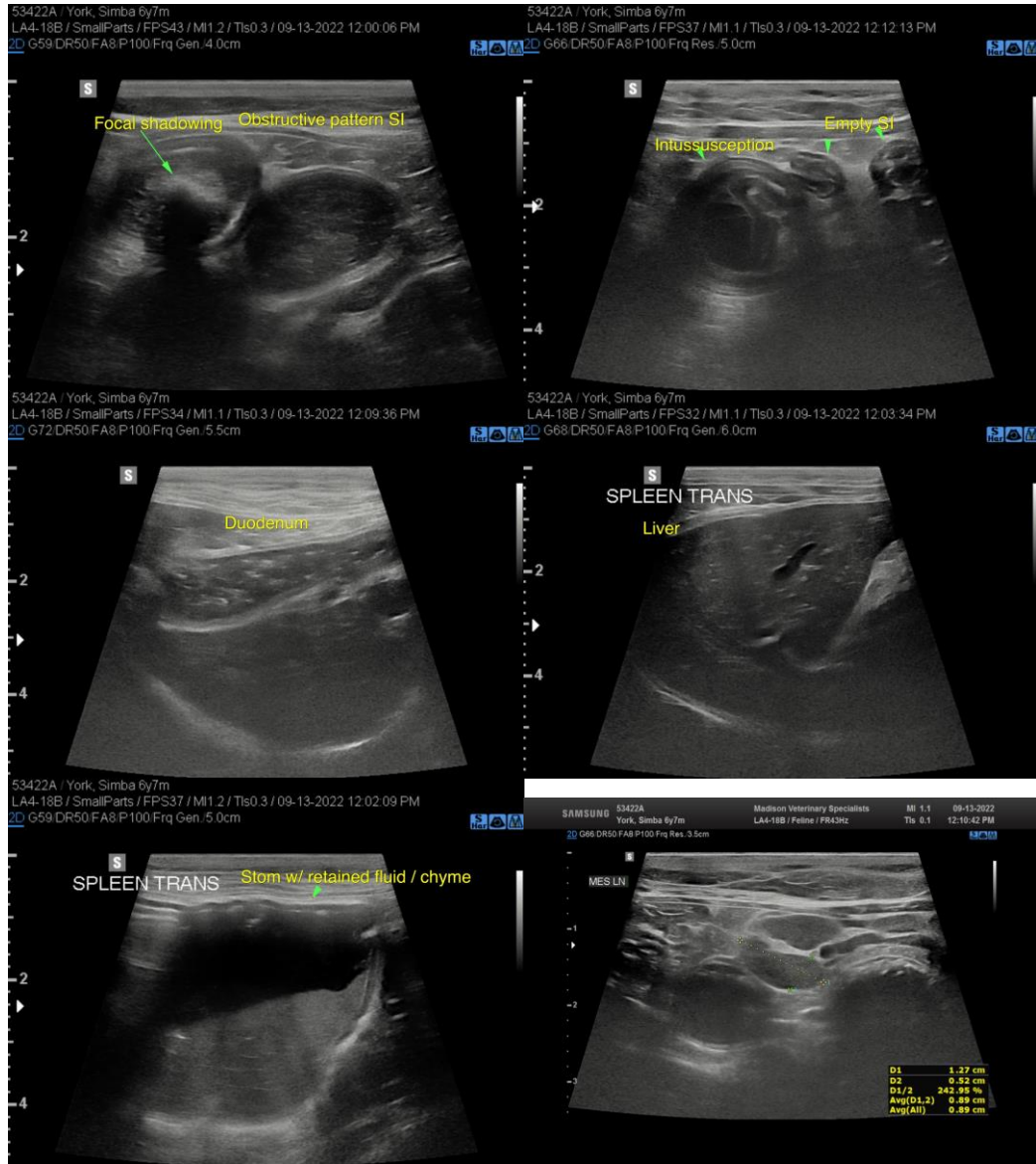
Madison Veterinary  
Specialists Dr. Patton

INVOICE

11622ag

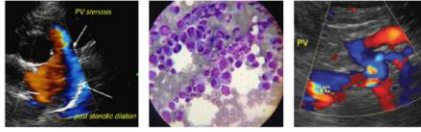
DATE

09/13/2022



**IMAGING PERFORMED BY**

SVS Mobile Imaging 262 - 366 - 5970  
fredgromalak@gmail.com



**Clinical Sonography & Telectology**

EDUCATIONAL TELECONSULTATION SERVICES™

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

**PATIENT**

Simba York

**SPECIES**

Feline

**BREED**

Maine Coon

**SEX**

MN

**AGE**

6yr

**WEIGHT**

6.54kg

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Kim Liedberg

**HOSPITAL NAME**

SVS Imaging WI

**REFERRING VET**

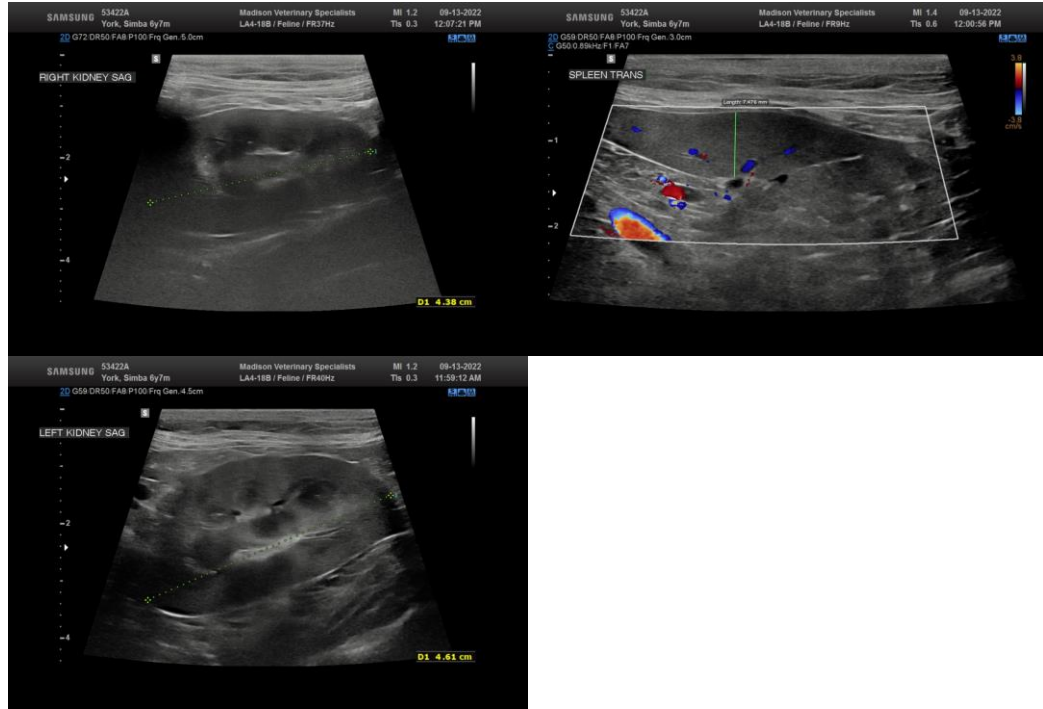
Madison Veterinary  
Specialists Dr. Patton

**INVOICE**

11622ag

**DATE**

09/13/2022



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