**PATIENT**

Harvey Streeter

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered Male

AGE

15 Years

WEIGHT

7 Pounds

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

Rachel Runnells, RVT

HOSPITAL NAMESVS Imaging Kansas
City**REFERRING VET**

Dr. Lindsay Banks

INVOICE

35702

DATE

2/16/22

PRESENTING CLINICAL SIGNS

Continued weight loss (15.5 # early 2021, now down to 7#), hyperthyroidism well controlled, in diabetic remission since October 2021. Had soft stools during ultrasound.

Abnormal PE/Chem/CBC/UA Results: Anemia, elevated SDMA/ALT/AST/ALP/GGT/Bilirubin on bloodwork 2/1/22. Radiographs done 2/9/22 showed an increase in gas in stomach and small intestines.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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.

The area of the aortic trifurcation was free of pathology.

Normal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Mild loss of corticomedullary distinction was also present. The renal medullary volume was subjectively reduced. The left kidney measured 4.2 cm. The right kidney measured 4.5 cm.

Adrenal Glands

The bilateral adrenal glands were normal in size and contour. Pinpoint areas of mineralization were present without capsular distortion or overt tumors. This is an age related finding and not pathological. The left adrenal gland measured 0.32 cm in width. The right adrenal gland measured 0.39 cm in width.

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The spleen measured 0.60 cm. 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 exhibited potential for mild generalized enlargement with uniform mild increased parenchyma echogenicity. The parenchyma of the liver was subjectively increased in echogenicity compared to the spleen and renal cortices. The echotexture of the liver parenchyma was uniform with a mild coarse echotexture. No masses or nodules. The capsule of the liver was symmetrical in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non distended in size with mild, echogenic, nonmineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

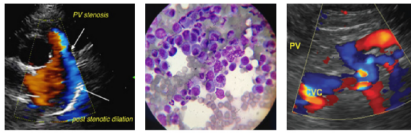
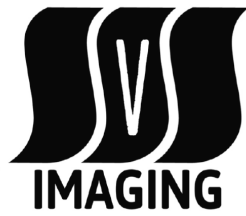
Gastrointestinal

The stomach presented intact yet subjective mild prominent wall layering with mild retained anechoic fluid. Gastric body wall measured 0.30 cm. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

The small intestine presented intact wall layering without overt evidence of intestinal wall thickening, yet mild altered muscularis/mucosa ratio owing to generalized propensity for subtly prominent muscularis

IMAGING PERFORMED BY

SVS Mobile Imaging KC 816-401-5010
svsimagingkc@gmail.com



PATIENT

Harvey Streeter

layer. Jejunum wall measured 0.20 cm. Ileocolic wall measured 0.36 cm. Duodenum wall measured 0.21 cm.

SPECIES

Feline

Normal visible colon wall layers were present. The colon exhibited generalized mild to moderate distention with semiformal to soft feces.

Pancreas

BREED

Domestic Shorthair

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

Free Abdomen

SEX

Neutered Male

Small pockets of scant peritoneal free fluid and mild generalized reactive mesentery noted. No evidence of significant lymphadenopathy.

ULTRASONOGRAPHIC FINDINGS

AGE

15 Years

- Enteropathy exhibiting non-thickened yet altered muscularis/mucosa ratio
- Heterogeneous pancreas
- Hepatopathy – suspect cholangiohepatitis with potential for concurrent vacuolar hepatic changes, cholestasis, lipidosis, or occult neoplasia.
- Small pockets of scant peritoneal free fluid and generalized reactive mesentery
- Non-specific chronic renal changes

WEIGHT

7 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assuming normal clotting status, ultrasound guided FNA of the liver using 25-gauge needle warranted for screening cytology, primarily to assess for evidence of neoplasia or inflammatory cells. Considerations for the small intestine may include inflammatory versus neoplastic infiltrative enteropathy, both of which may present in similar sonographic manner. Chronic inflammatory enteropathy is favored, given the lack of significant mural changes or associated lymphadenopathy, yet not definitive. Potential for triad disease is of concern in this patient.

INTERPRETED BY

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

Further assessment may include GI panel to include PLI, TLI, cobalamin and folate. 3-view chest radiographs suggested if not done to rule out occult thoracic pathology as a contributing factor. Empirically, cholangiohepatitis/IBD (triad disease) protocol would be reasonable.

IMAGING PERFORMED BY

Rachel Runnells, RVT

HOSPITAL NAME

SVS Imaging Kansas
City

REFERRING VET

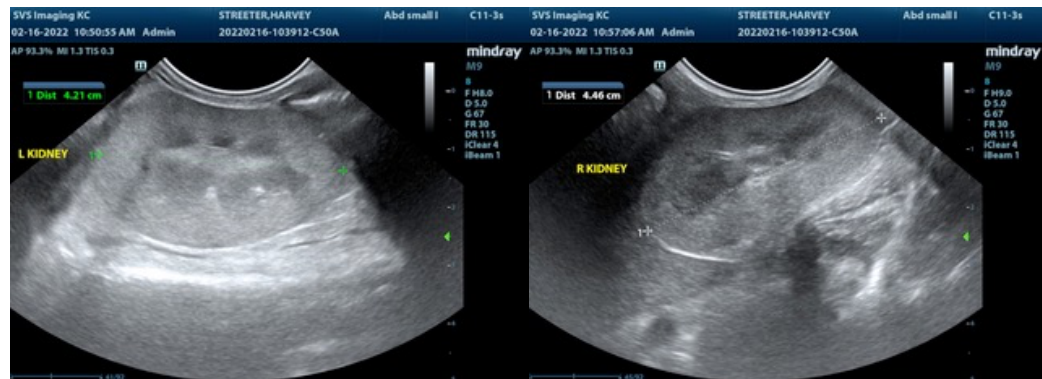
Dr. Lindsay Banks

INVOICE

35702

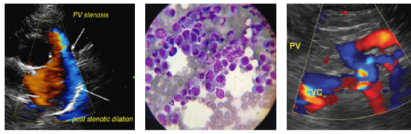
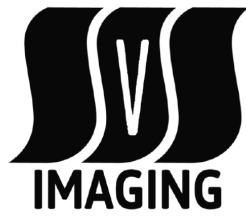
DATE

2/16/22



IMAGING PERFORMED BY

SVS Mobile Imaging KC 816-401-5010
svsimagingkc@gmail.com



Clinical Sonography & Telectology

EDUCATIONAL TELECONSULTATION SERVICES™

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

PATIENT

Harvey Streeter

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered Male

AGE

15 Years

WEIGHT

7 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rachel Runnells, RVT

HOSPITAL NAME

SVS Imaging Kansas
City

REFERRING VET

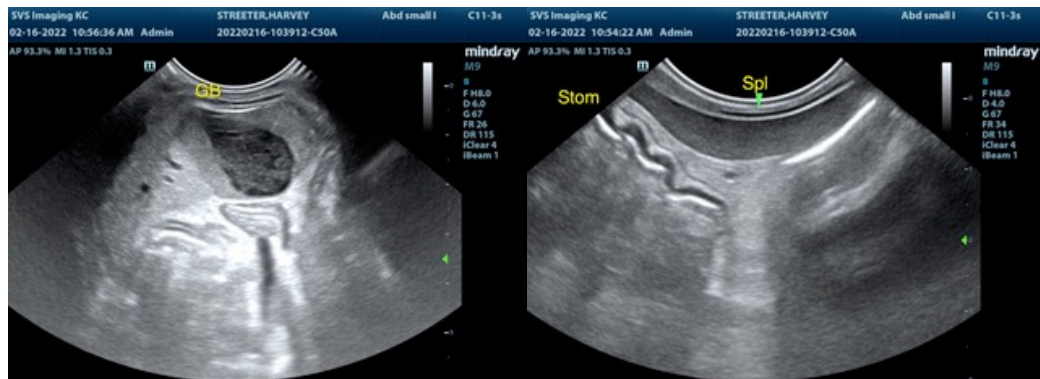
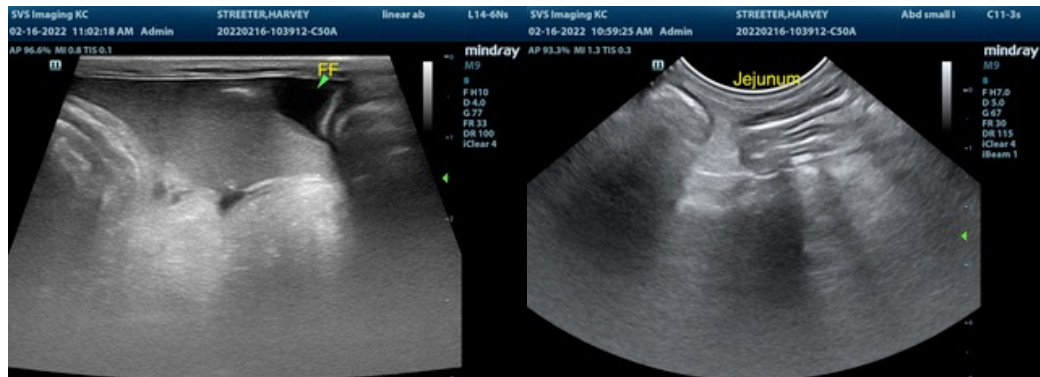
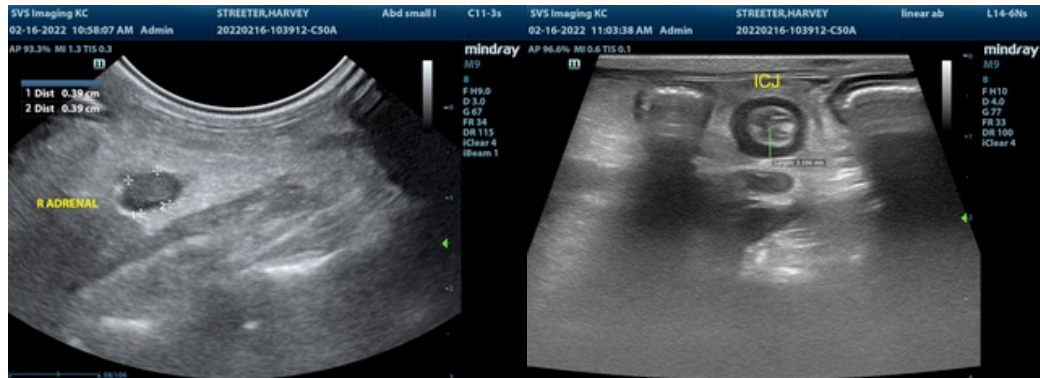
Dr. Lindsay Banks

INVOICE

35702

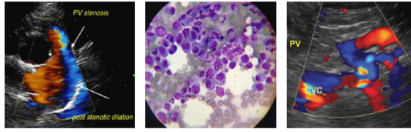
DATE

2/16/22



IMAGING PERFORMED BY

SVS Mobile Imaging KC 816-401-5010
svsimagingkc@gmail.com



Clinical Sonography & Telectology
EDUCATIONAL TELECONSULTATION SERVICES™
1-800-838-4268 info@sonopath.com SonoPath.com

PATIENT

Harvey Streeter

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered Male

AGE

15 Years

WEIGHT

7 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rachel Runnells, RVT

HOSPITAL NAME

SVS Imaging Kansas
City

REFERRING VET

Dr. Lindsay Banks

INVOICE

35702

DATE

2/16/22

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