

**PATIENT**

Ruger Terrill

SPECIES

Canine

BREED

German Shepherd

SEX

NM

AGE

4 years

WEIGHT

98 lbs.

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

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Tiffani Yerkey, DVM

INVOICE

13541

DATE

3/23/22

PRESENTING CLINICAL SIGNS

Pt has a history of tenesmus. Prior to surgery patient showed a possibly enlarged prostate on x-ray. Pt was neutered in October 2021. Pt is still currently straining to defecate and cries when he does even if it is a soft stool. When he does defecate, it is usually a small amount. Pt is on a urinary diet for crystalluria and medications for his allergies.

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 was noted.

The residual prostate was normal in size and contour exhibiting primarily uniform to subtly heterogeneous residual prostatic parenchyma without evidence of prostatomegaly or parenchymal mineralization. The residual prostate measured 1.6 cm in diameter. The residual prostate did not impinge upon the ventral aspect of the colorectum.

The area of the aortic trifurcation was free of pathology.

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 6.7 cm in length. The right kidney measured 7.5 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.47 cm width at the caudal pole and 0.48 cm width at the cranial pole. No overt pathology was noted in the area of the right adrenal gland.

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/ Gallbladder

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.

**PATIENT*****Gastrointestinal***

Ruger Terrill

The stomach presented intact wall layering with a normal wall layer ratio. The stomach contained mild, retained ingesta / chyme.

SPECIES

Canine

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

Normal visible colon wall layers were present. The colon exhibited potential generalized distention with strongly shadowing feces.

BREED

German Shepherd

Pancreas**SEX**

NM

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 were evident.

AGE

4 years

Free Abdomen

Intermittent, mid-ventral abdominal mesenteric lymph 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). An example lymph node measured 2.1 cm x 0.7 cm. No evidence of peritoneal effusion was noted.

WEIGHT

98 lbs.

ULTRASONOGRAPHIC FINDINGS***Primary Findings***

- Sonographically unremarkable yet potential generalized colonic distention with strongly shadowing feces
- Sonographically unremarkable stomach and small bowel
- Intermittent benign / reactive mesenteric lymph nodes
- Normal residual prostate without enlargement or pathology

INTERPRETED BY

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

IMAGING PERFORMED BY

Sarah Pender, CVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**HOSPITAL NAME**

SVS Imaging QC

Largely unremarkable abdomen with potential for colonic distention containing shadowing feces which, although nonspecific, may possibly suggest constipation. Likewise, potential for low-grade colitis, given the tenesmus in this patient, may be possible. Visualized evidence of obstructive pathology to fecal outflow was not definitively evident, yet sonographic assessment of the colon interior was limited secondary to strongly shadowing feces.

REFERRING VET

Dr. Tiffani Yerkey, DVM

Empirically, conservative therapy for potential constipation or low-grade colitis If clinically indicated would be appropriate. Constipation may be considered less likely, given the presence of soft stool and not formed or hard stool. Gross assessment of the distal colon to colorectum interior or colonic endoscopy may be indicated if clinical signs persist.

INVOICE

13541

DATE

3/23/22

IMAGING PERFORMED BY

svsmobileimaging.com 309-737-3070



Clinical Sonography & Telectyology

EDUCATIONAL TELECONSULTATION SERVICES™

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

PATIENT

Ruger Terrill

SPECIES

Canine

BREED

German Shepherd

SEX

NM

AGE

4 years

WEIGHT

98 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

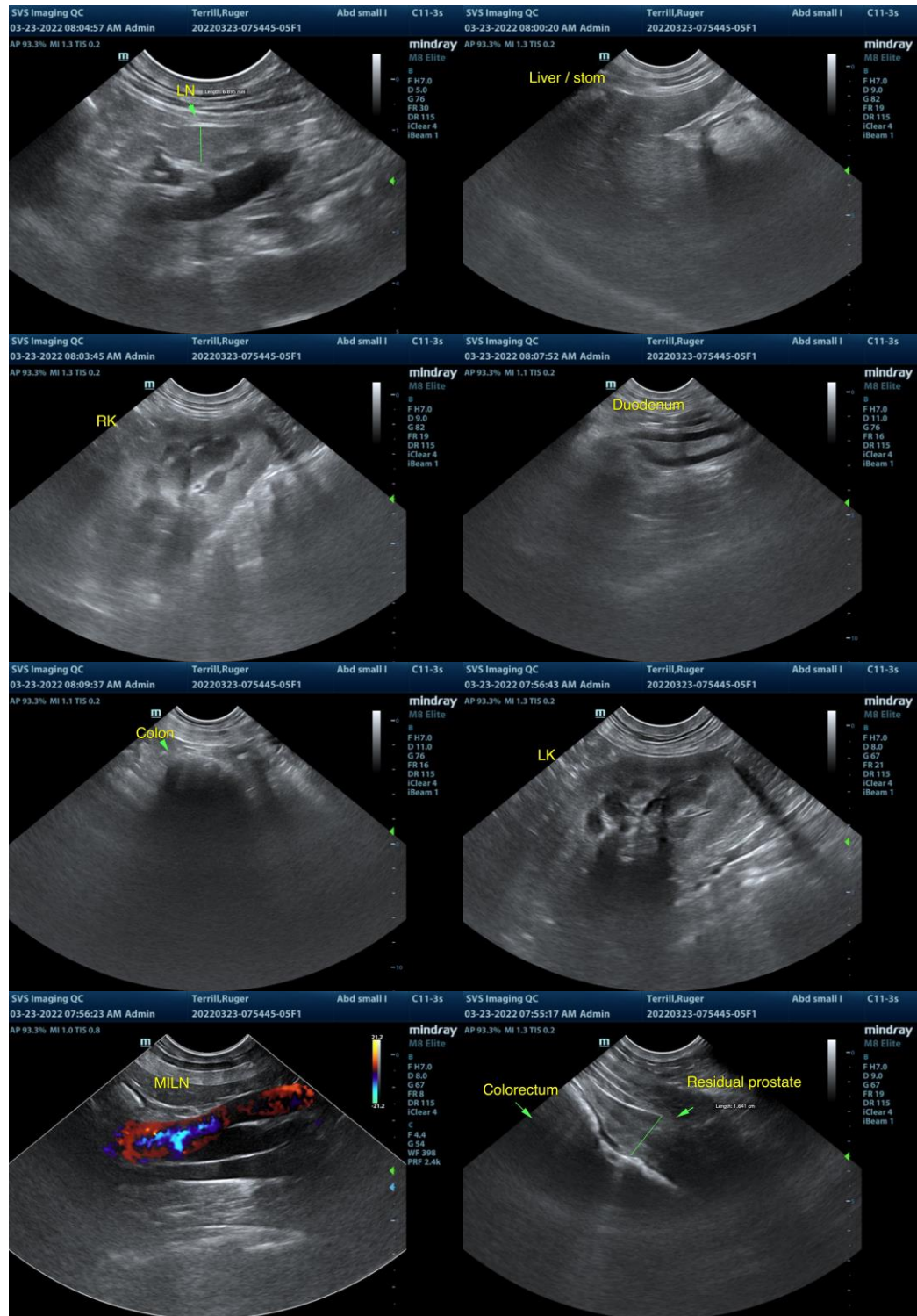
Dr. Tiffani Yerkey, DVM

INVOICE

13541

DATE

3/23/22



IMAGING PERFORMED BY

svsmobileimaging.com 309-737-3070



PATIENT

Ruger Terrill

SPECIES

Canine

BREED

German Shepherd

SEX

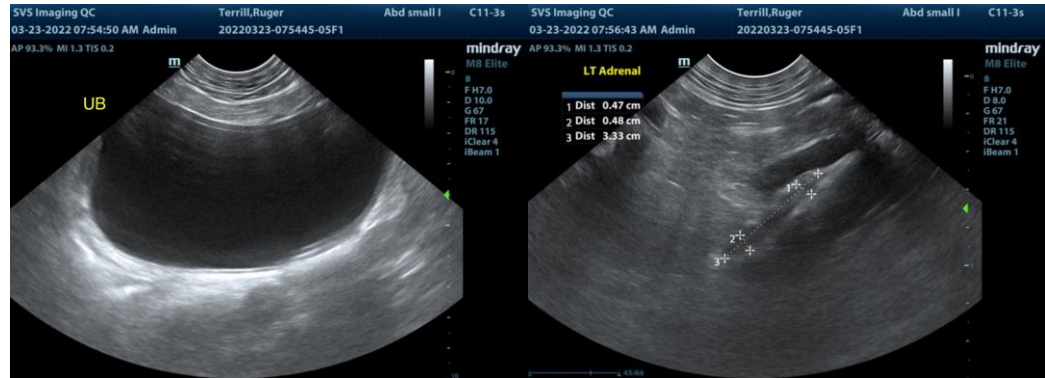
NM

AGE

4 years

WEIGHT

98 lbs.



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.

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

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

IMAGING PERFORMED BY

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Tiffani Yerkey, DVM

INVOICE

13541

DATE

3/23/22