



PATIENT

Lily Sammies Friends

SPECIES

Canine

BREED

Lab X

SEX

Intact Female

AGE

7 Years

WEIGHT

47 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT
LVT

HOSPITAL NAME

Brighton Greens VH

REFERRING VET

Dr. Robin Janeway

INVOICE

17839

DATE

10/20/22

PRESENTING CLINICAL SIGNS

History: Sedated History: new intake in July, anxiety prone, atopy and underweight, D+ and inappropriate urination. Currently on Cytopoint for her allergies and hydrolyzed diet. Physical exam findings: underweight Abnormal CBC values: performed in July and NSF Abnormal Chemistry Values: performed in July NSF Abnormal UA Values: WNL on 9/19/22 Reason for Ultrasound: Underweight, Lily is still having issues with urination, squatting frequently, and her stool still has a lot of mucus in it, not gaining weight

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 visualized uterus and bilateral ovaries were sonographically normal without evidence of pathology. The left ovary measured 1.8 cm in diameter. The right ovary measured 1.5 cm in diameter.

Normal size and margination was 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 6.3 cm in length. The right kidney measured 6.7 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 2.4 cm in length x 0.60 cm width at the caudal pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.9 cm in length x 0.57 cm width at the caudal pole.

Spleen

The spleen was normal in size and contour with subtle generalized parenchyma heterogeneity with solitary nondisruptive nonhomogenous nodule in the tail of the spleen, measuring 0.93 cm.

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 empty with no signs of ileus, obstruction or foreign material. The gastric body wall measured 0.35 cm.



PATIENT

Lily Sammies Friends

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. The duodenum wall measured 0.48 cm. The jejunum wall measured 0.37 cm.

SPECIES

Canine

The colon walls presented intact yet prominent wall layering with mild thickened to echogenic submucosa. Semi formed to soft fecal matter was present consistent with patient history. The descending colon wall measured 0.40 cm.

BREED

Lab X

Pancreas

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.

SEX

Intact Female

Free Abdomen

Intermittent, mildly prominent to enlarged mesenteric and medial iliac lymph node were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation or neoplastic criteria and maintaining a normal width: length ratio (<0.5). An example of mesenteric lymph node measured 1.3 cm diameter. An example of medial iliac lymph node measured 0.66 cm in diameter.

AGE

7 Years

WEIGHT

47 Pounds

No free fluid was noted.

ULTRASONOGRAPHIC FINDINGS

INTERPRETED BY

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

- Nonspecific yet likely benign splenic nodule- sonographically suggestive of focal hyperplasia, hematopoiesis, splenitis or similar. No evidence of splenic neoplastic criteria.
- Mild chronic colitis pattern
- Overtly normal stomach and small bowel
- Intermittent mild benign/reactive mesenteric and medial iliac lymph nodes

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT
LVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Brighton Greens VH

Potential for structurally insignificant concurrent enteropathy, which may at times present sonographically normal given the failure to gain weight in this patient in addition to sonographic evidence of chronic colitis could be possible. A GI panel to include PLI/TLI/Cobalamin/Folate to assess for occult intestinal or nonobvious pancreatic inflammation as contributing factors is recommended.

REFERRING VET

Dr. Robin Janeway

Empirically, continued hydrolyzed diet, broad spectrum deworming, i.e., Panacur at 50 mg/kg PO SID for 5 consecutive days with potential repeat protocol in 3 weeks, even if negative fecal testing, high colony count probiotic, such as Provable +/- antibiotic trial if clinically indicated and assessment of clinical response pending GI panel results may prove beneficial. Assessment of caloric plane may be considered. Urinalysis +/-urine culture and sensitivity is recommended on sterile urine sample, even though no evidence of urinary bladder sediment is present.

INVOICE

17839

DATE

10/20/22



PATIENT

Lily Sammies Friends

SPECIES

Canine

BREED

Lab X

SEX

Intact Female

AGE

7 Years

WEIGHT

47 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT
LVT

HOSPITAL NAME

Brighton Greens VH

REFERRING VET

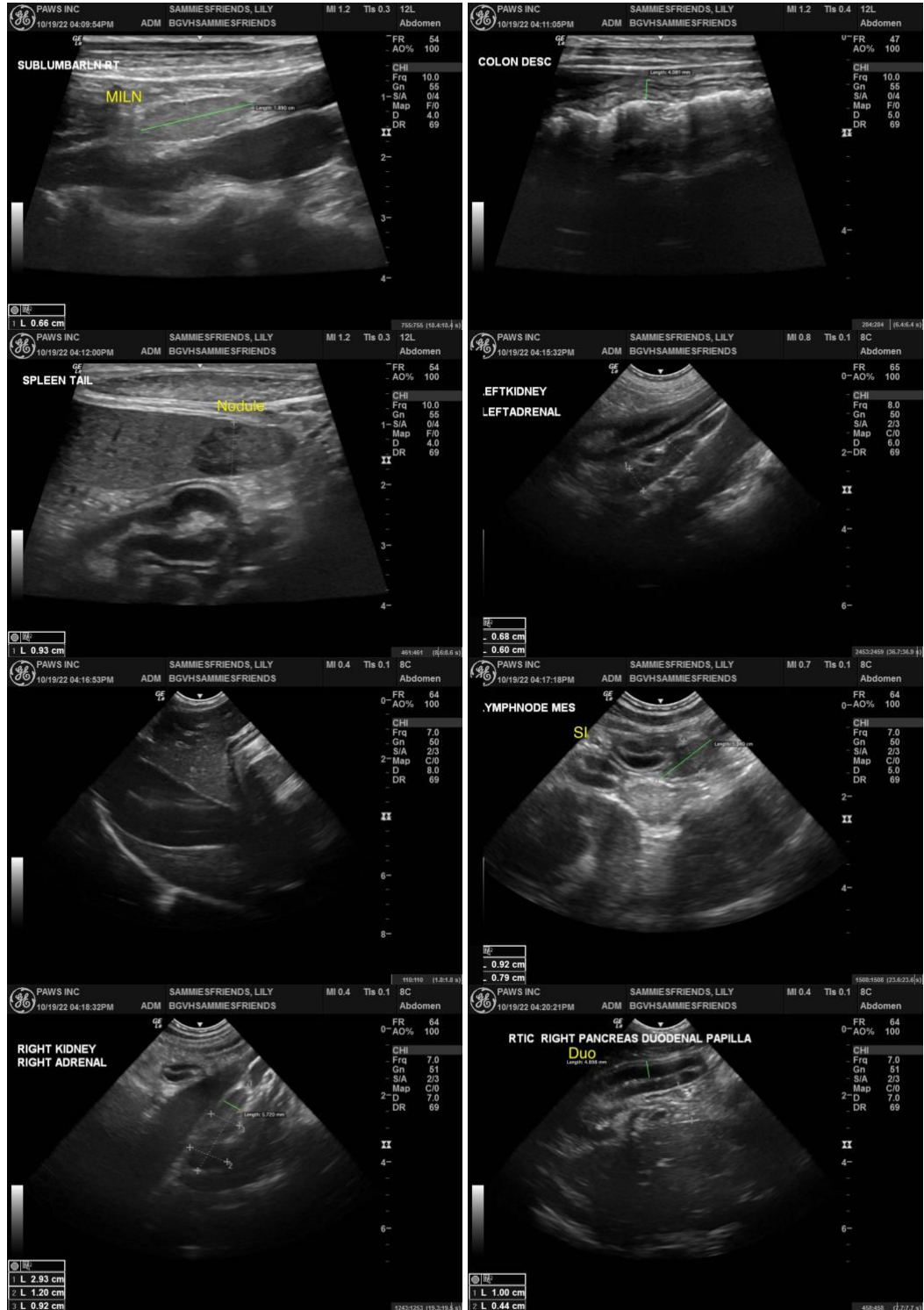
Dr. Robin Janeway

INVOICE

17839

DATE

10/20/22





PATIENT

Lily Sammies Friends

SPECIES

Canine

BREED

Lab X

SEX

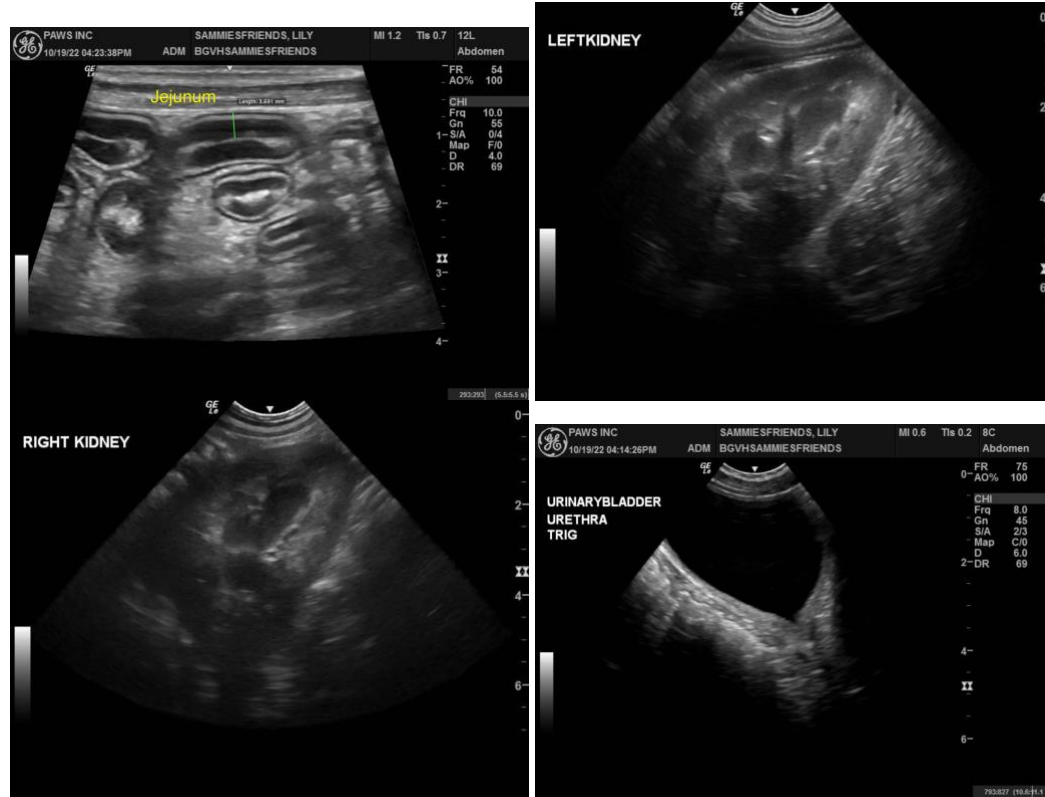
Intact Female

AGE

7 Years

WEIGHT

47 Pounds



INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT
LVT

HOSPITAL NAME

Brighton Greens VH

REFERRING VET

Dr. Robin Janeway

INVOICE

17839

DATE

10/20/22

The information and recommendations provided are based on the images presented by the referring veterinarian. 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