



PATIENT PRESENTING CLINICAL SIGNS

Skyler Lamaire Chronic urinary issues, urgency to urinate large amounts of urine. Increased appetite. On Simplecef 100 mg, 1/2 t SID

SPECIES Abnormal PE/Chem/CBC/UA Results: WBC 16.9 (H); Plt count 989 (H); Mono 2 (L); Abs neut 12675 (H); urine bacteria enterobacter cloacae, blood 1+; WBC 0-1; RBC 4-10; Rods 26-50

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED Cairn Terrier
The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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.

SEX

Female Intact
The uterus exhibited subjective mild generalized prominent size with intermittent to multiple mild circular hypoechoic to anechoic structures within the uterine lumen along with focal mild segmental luminal fluid. The uterus measured 1.4 cm width.

AGE

13 Years
The left ovary exhibited normal subjective size measuring 1.4 cm width with mild nonhomogeneous to cystic parenchyma. No overt pathology in the area of the right ovary.

No evidence of pathology in the area of the aortic trifurcation.

WEIGHT

14.4 lbs
Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pyelectasia in either kidney. The left kidney measured 3.9 cm in length. The right kidney measured 4.4 cm in length.

INTERPRETED BY

Adrenal Glands

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)
The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma without evidence of hyperplasia or adrenal tumors. The left adrenal gland measured 0.42 cm width at the caudal pole and 0.41 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.64 cm width at the caudal pole and 0.46 cm width at the cranial pole.

IMAGING PERFORMED BY

Spleen

Pamela Harrigan, RDCS
The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. Mild medial folding of the caudal spleen was present. The splenic folding is not consistent with underlying splenic pathology and likely a patient variant. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.

HOSPITAL NAME

Rhode Island Animal Medical Center

REFERRING VET

Rachael Rogoff, DVM

INVOICE

48110

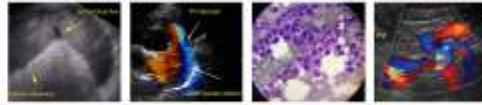
Liver

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.

DATE

10-30-21

The gallbladder was non distended in size with mild nondependent nonorganized echogenic, gallbladder debris. The cystic duct and common bile ducts were normal without evidence of dilation.



PATIENT

Gastrointestinal

Skyler Lamaire

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.

SPECIES

Canine

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Segmental to generalized mild jejunal mucosal speckling was noted. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material. The duodenum wall measured 0.39 cm width and the jejunum wall measured 0.38 cm width.

BREED

Cairn Terrier

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

SEX

Female Intact

Pancreas

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

AGE

13 Years

Free Abdomen

Intermittent mesenteric lymph nodes were present. These lymph nodes were not consistent with inflammatory or neoplastic criteria. The lymph nodes were essentially isoechoic to adjacent omentum and maintaining a normal width: length ratio (<0.5). An example of a mesenteric lymph node measured 0.37 cm width.

WEIGHT

14.4 lbs

No overt peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

Primary

- Sonographically unremarkable urinary bladder.
- Bilateral mild chronic renal changes, no overt pyelonephritis.
- Generalized mild prominent uterus with suspect endometrial hyperplasia and segmental minor luminal fluid.
- Mildly cystic left ovary.
- Possible nonspecific enteritis.

Secondary

- Mild gallbladder debris - likely incidental.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A thorough neurological examination may be considered if clinical concern for incomplete urinary bladder emptying. Otherwise, no overt evidence of lower urinary tract pathology was noted. Urine culture and sensitivity on a sterile urine sample obtained via cystocentesis may be considered if prior urine culture was run on free catch urine sample.

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No obvious evidence of active pyometra, yet potential for emerging pyometra, although thought less likely, cannot be definitively excluded. Further assessment would require ovariohysterectomy with submission of tissue for histopathology.

DATE

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A GI panel to include PLI/TLI/Cobalamin/Folate could be considered to assess for underlying intestinal disease given the increased appetite or if evidence of weight loss.

INTERPRETED BY

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

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Pamela Harrigan, RDCS

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PATIENT

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SPECIES

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BREED

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Female Intact

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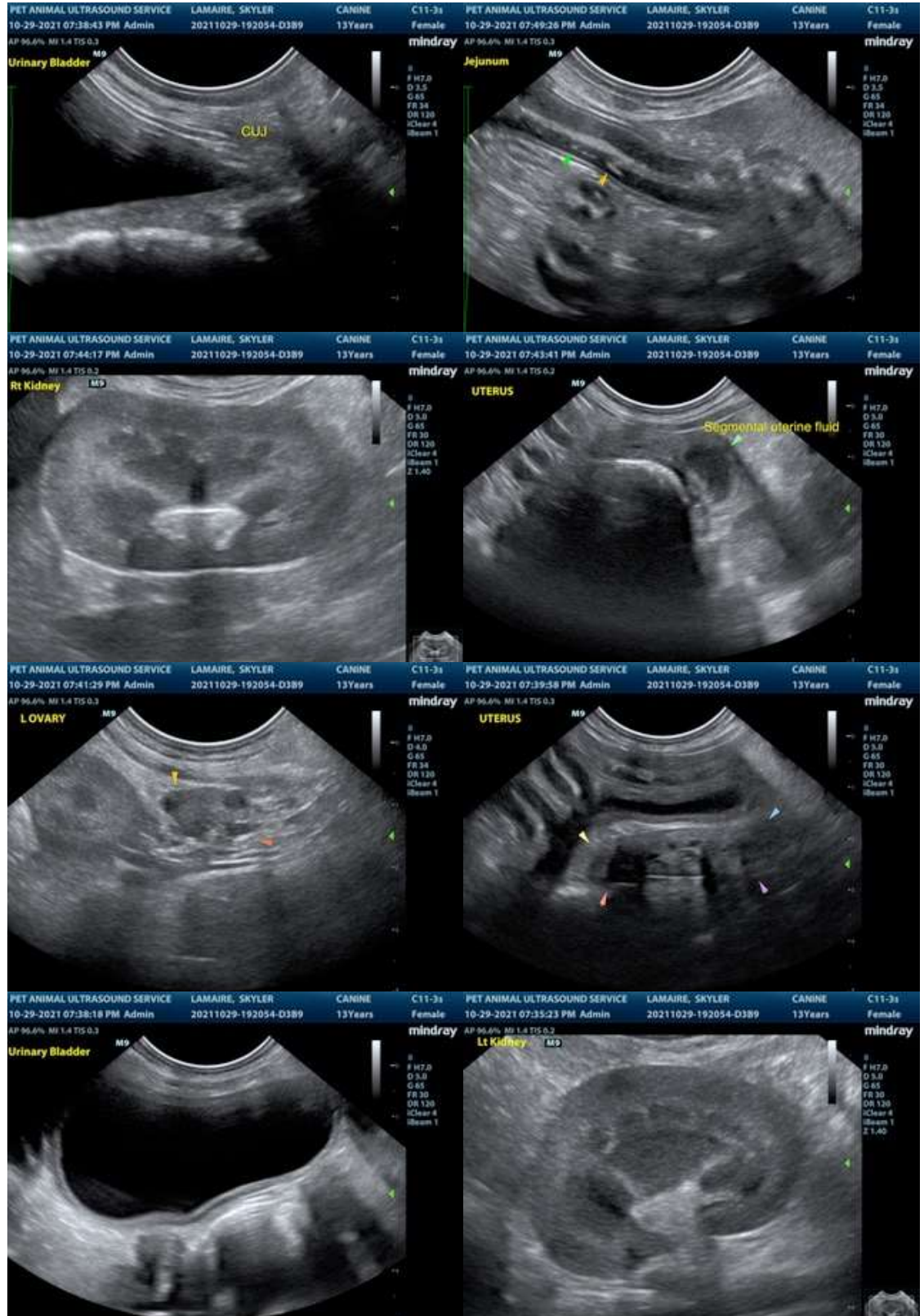
Rachael Rogoff, DVM

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SPECIES

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BREED

Cairn Terrier

SEX

Female Intact

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Rachael Rogoff, DVM

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

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