

PATIENT PRESENTING CLINICAL SIGNS

Kali Bramhall dribbling urine, hematuria, straining to urinate, front end weakness (previous US report attached)
Abnormal PE/Chem/CBC/UA Results: Please see attached labs

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

DSH

The urinary bladder was mildly subnormal in size owing to lack of urine distention. Normal tone and mild anechoic urine was present in the urinary bladder. Full evaluation of the urinary bladder walls was prohibited owing to lack of urine distention. Diffuse mild to variable urinary bladder wall thickening exhibiting homogeneous echogenicity and mild asymmetrical luminal surface contour were present. No evidence of mural mineralization or distinct masses noted. The ventral urinary bladder wall width measured 0.5 cm width. The urethra exhibited normal structure and tone to a depth of 2.0 cm.

SEX

FS

AGE

18 yrs

The area of the aortic trifurcation was free of pathology.

WEIGHT

11.1 lbs.

A normal 1:3 cortex / medulla ratio was maintained in the kidneys. The left kidney exhibited minor asymmetrical margination. The right kidney exhibited moderate asymmetrical margination with likely cortical infarcts. Focal nonobstructive medullary renolith was present in the right kidney. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.3 cm in length. The right kidney measured 3.3 cm in length.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

Adrenal Glands

The bilateral adrenal glands were overtly normal in size, position, and shape. The left adrenal gland measured 0.22 width and the right adrenal gland measured 0.48 width. No overt evidence of adrenal pathology was noted.

IMAGING PERFORMED BY

Kelly Reschny

Spleen

The spleen was mildly subnormal in size with symmetrical contour and mild heterogeneous parenchyma, consistent with age-related splenic changes. No neoplastic criteria was noted. The spleen measured 0.6 cm width at the level of the hilus.

HOSPITAL NAME

Norwich Vet Services

REFERRING VET

Dr. Saturno

Liver/ Gallbladder

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. 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.

INVOICE

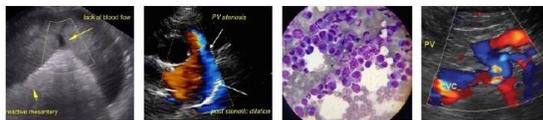
14710

DATE

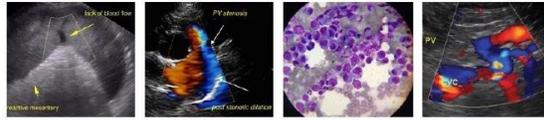
8/25/22

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.



PATIENT	The small intestine presented primarily intact wall layering and a 1:3 muscularis/mucosa ratio with focal area of thickened jejunum in the mid-abdomen exhibiting mild hypoechoic mural hypertrophy and indistinct wall layer detail. Focally thickened jejunum measured 0.45 cm wall width. By comparison, normal-appearing jejunum measured 0.26 cm wall width.
Kali Bramhall	
SPECIES	Normal visible colon wall layers were present with apparent formed feces in lumen.
Feline	Pancreas
BREED	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.
DSH	Free Abdomen
SEX	Focal to intermittent mildly prominent 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 0.31 cm diameter. No free fluid was noted.
FS	
AGE	
18 yrs	ULTRASONOGRAPHIC FINDINGS
WEIGHT	<ul style="list-style-type: none"> • Diffuse mildly thickened urinary bladder • Bilateral chronic renal changes more prominent in the right kidney with nonobstructive right kidney renolith • Focally thickened jejunum exhibiting indistinct wall layering • Intermittent minor mesenteric lymphadenopathy - suspect minor hyperplasia or reactive lymphadenitis
11.1 lbs.	
INTERPRETED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
R. McKenzie Daniel, DVM, DABVP	Sonographically, the appearance of the urinary bladder is suggested of cystitis, given the diffuse mildly variable wall thickening. Potential for neoplastic criteria cannot be definitively excluded.
IMAGING PERFORMED BY	Cytospin cytology of free catch urine sample to assess for evidence of atypical transitional cells, and if not recently done, Urine C/S on Ideally a sterile urine sample is recommended. If negative Urine culture, and If no evidence of atypical urinary bladder sediment, chronic cystitis would be suspected. Some contribution to the hematuria owing to the chronic renal changes and right kidney renolith could be possible. Pending additional diagnostics, monitoring of renal parameters going forward and therapy for idiopathic cystitis would be reasonable.
Kelly Reschny	
HOSPITAL NAME	
Norwich Vet Services	
REFERRING VET	
Dr. Saturno	
INVOICE	The focally thickened jejunum is nonspecific with considerations including focal inflammatory or potential neoplastic infiltrative enteropathy.
14710	Sonographic monitoring of the focally thickened jejunum for evidence of progression with initial recheck in 4-6 weeks is recommended. Continued monitoring for evidence of weight loss and/or gastrointestinal signs is suggested.
DATE	
8/25/22	



PATIENT

Kali Bramhall

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

18 yrs

WEIGHT

11.1 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

**IMAGING
PERFORMED BY**

Kelly Reschny

HOSPITAL NAME

Norwich Vet Services

REFERRING VET

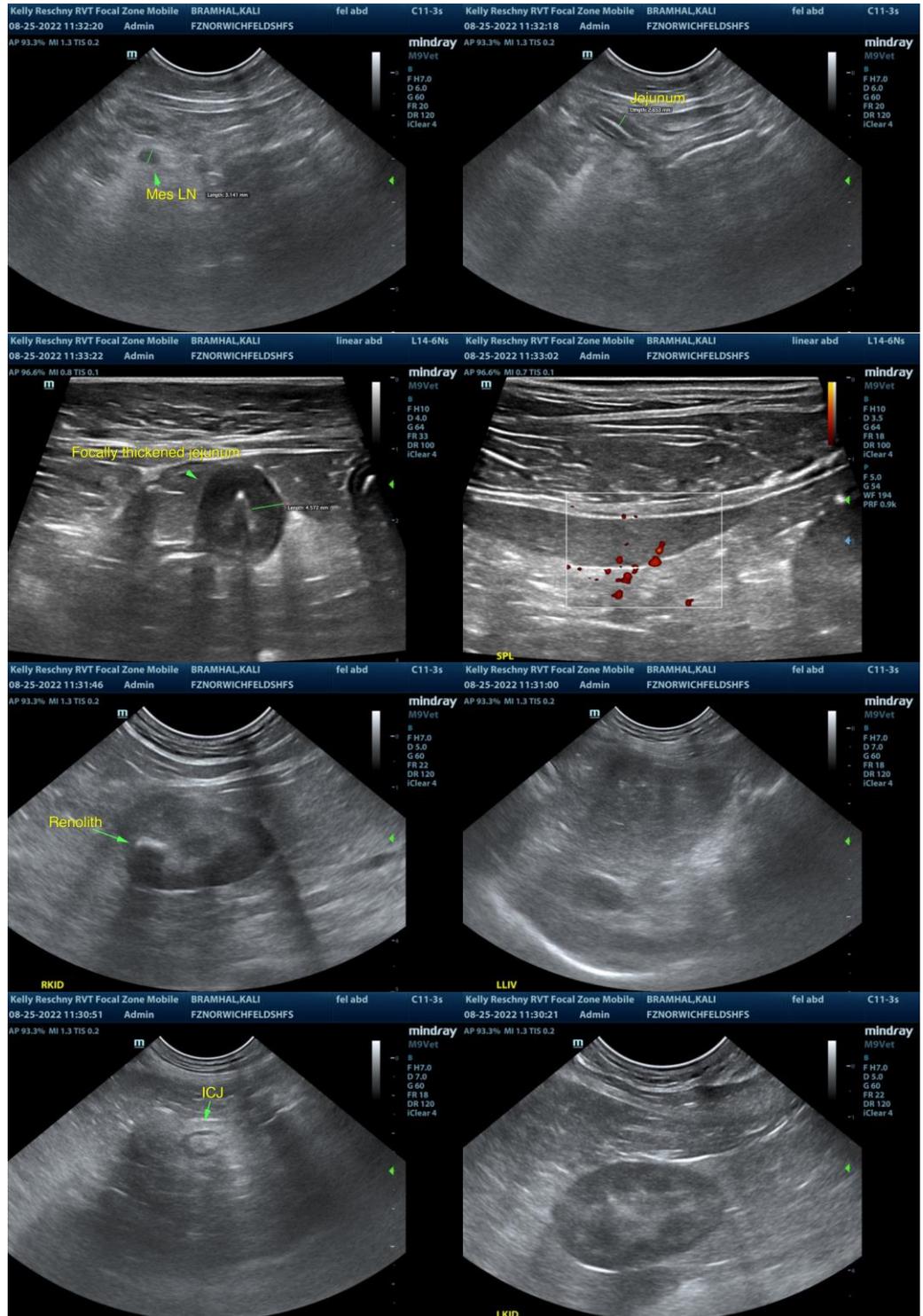
Dr. Saturno

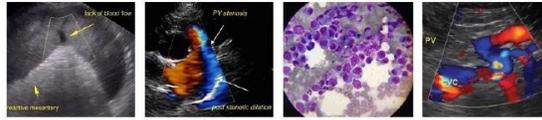
INVOICE

14710

DATE

8/25/22





PATIENT

Kali Bramhall

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

18 yrs

WEIGHT

11.1 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

**IMAGING
PERFORMED BY**

Kelly Reschny

HOSPITAL NAME

Norwich Vet Services

REFERRING VET

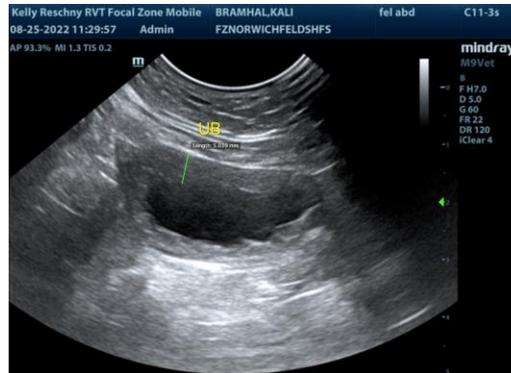
Dr. Saturno

INVOICE

14710

DATE

8/25/22



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