

PATIENT

Leela (Kat) Billings

SPECIES

Canine

BREED

Pit Mix

SEX

Intact Female

AGE

6 Months

WEIGHT

30 Pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

HOSPITAL NAME

Albany AH

REFERRING VET

Dr. Spangler

INVOICE NUMBER

23340

DATE

7/13/23

PRESENTING CLINICAL SIGNS

History: Urinary incontinence/dribbling Labs attached-overall unremarkable including no growth on urine culture, normal USG Primary Question/Differential to Be Answered in This Exam Etiology of urinary incontinence - ectopic ureter?

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** initially presented with minimal urine present, however, after Lasix injection, and bladder filling, further evaluation of the bladder was performed. The ureters were not dilated. The right ureteral papilla was identified with positive flow on color flow doppler into the urinary bladder, however, a 0.4 cm wide tubular structure was noted dorsal to the trigone and was contractile entering into the pelvic urethra, strongly consistent with left ectopic ureter with urethral involvement. Referral for laser ablation or surgical approach is warranted.

The left **ovary** was uniform, measuring 1.54 cm x 0.46 cm. The right ovary measured 1.66 cm x 0.5 cm. The uterus was clearly identified.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 5.6 cm. The left kidney measured 5.95 cm. No evidence of nephrosis noted.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 2.53 cm x 0.57 cm at the caudal pole and 0.33 cm at the cranial pole. The left adrenal gland measured 2.47 cm x 0.36 cm at the cranial pole and 0.31 cm at the caudal pole.

Spleen

The **spleen** was unremarkable.

Liver

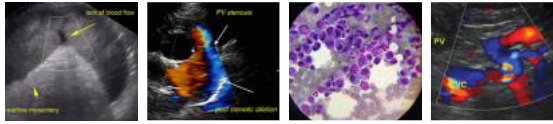
The **liver**, gallbladder and common bile duct were unremarkable. The portal vein to vena cava ratio was 1:1.

Gastrointestinal

The **gastrointestinal tract** was unremarkable. The colon was clearly identified. Peristalsis was confirmed upon imaging of the ectopic ureter.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma



PATIENT respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

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ULTRASONOGRAPHIC FINDINGS

SPECIES • Left ectopic ureter

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Referral for surgical intervention is recommended, either through endoscopy and laser ablation or traditional surgical approach. IVP or CT with contrast would be ideal for further definition and surgical planning.

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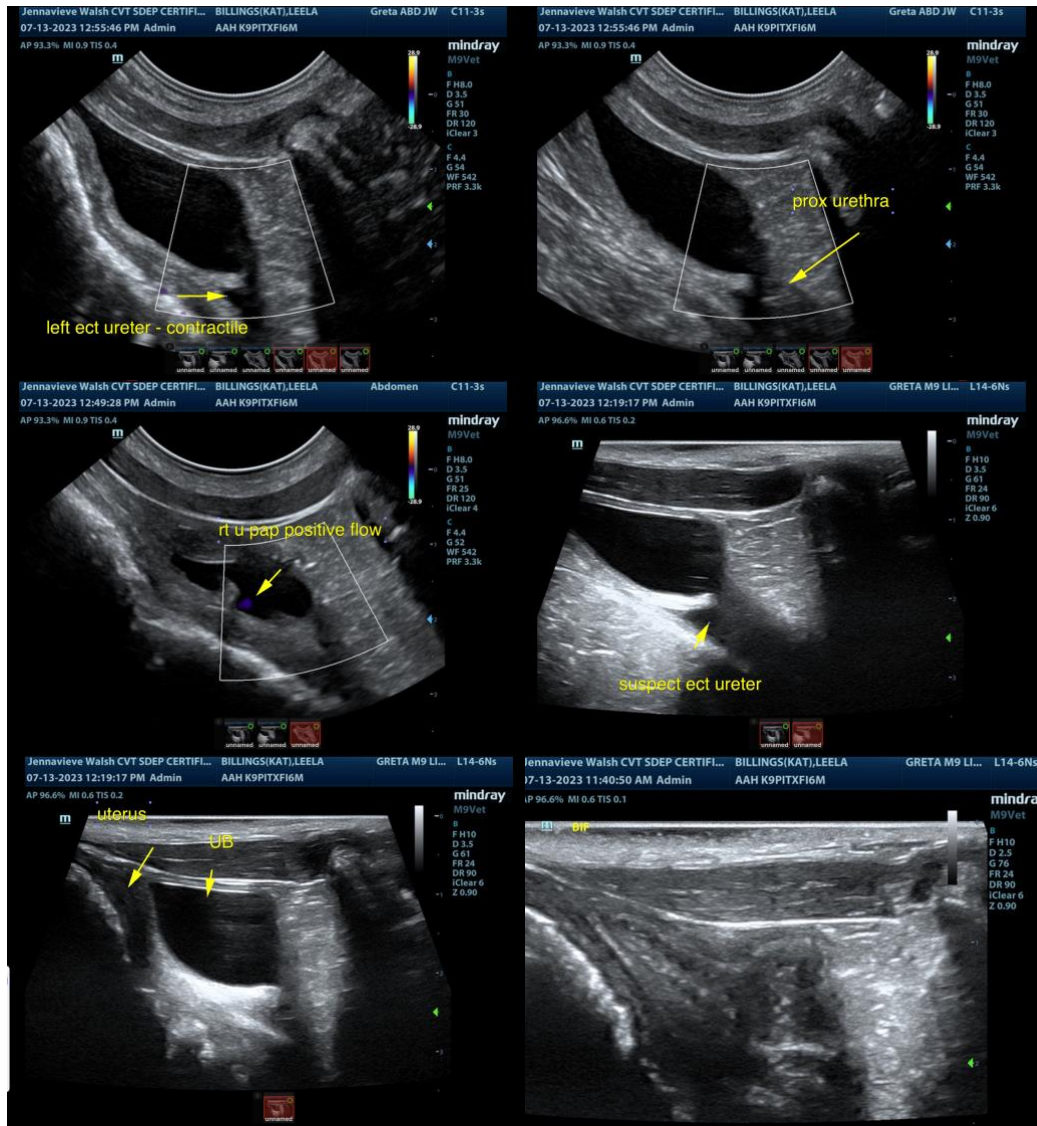
Dr. Spangler

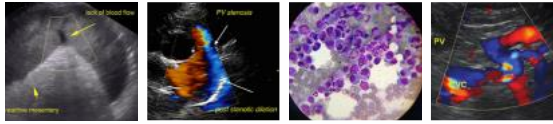
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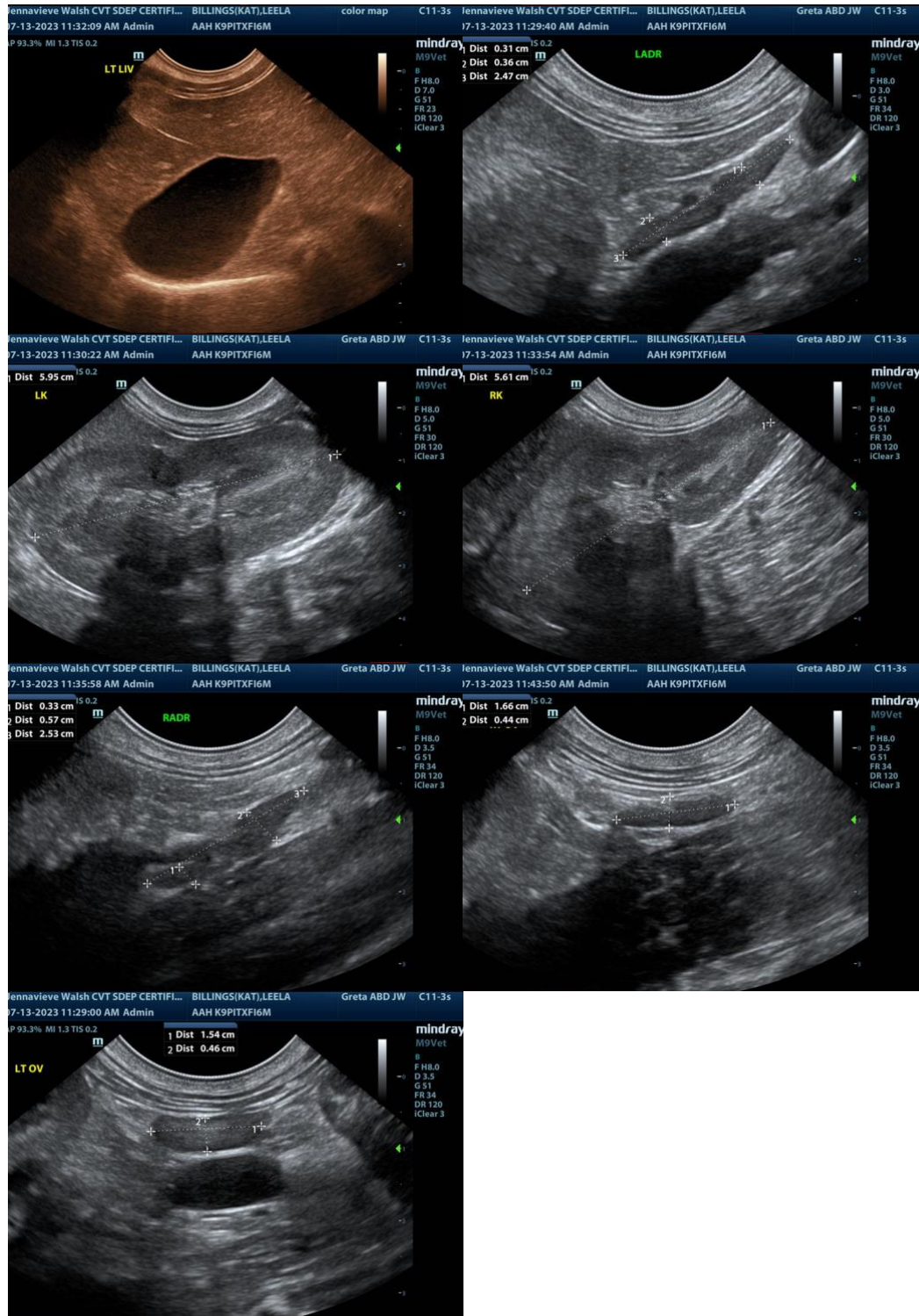
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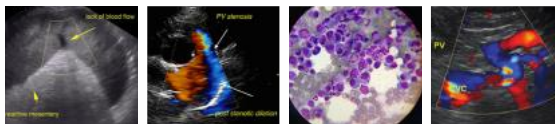
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology



PATIENT that was not visible in the image/video clips provided.

Leela (Kat) Billings 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.

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info@SonoPath.com

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