



PATIENT

Nova Rolf

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

8 Years

WEIGHT

15 pounds

INTERPRETED BY

Tam Mengine, DVM,
DABVP (canine/feline
practice)

IMAGING PERFORMED BY

Jasmine Palacios

HOSPITAL NAME

River's Edge Pet
Medical Center

REFERRING VET

Dr. Anne Todd

INVOICE

14851

DATE

04/03/26

PRESENTING CLINICAL SIGNS

- * Polyuria, inappropriate urination since 3/18/26
- *Urine culture revealed no growth
- *No improvement on antibiotics and anti-inflammatories.
- *Pt becoming aggressive, staring in corners, etc.
- *O declined referral to internal medicine

Abnormal PE/Chem/CBC/UA Results: See attached UA: UA: mild proteinuria; hematuria BW: previously done at rDVM, owner reported no abnormalities, no records sent yet

LIMITED ULTRASONOGRAPHIC EXAMINATION

Urinary System

The urinary bladder is moderately distended with anechoic urine, and no luminal sediment is present. The ureteral papillae, trigone and pelvic urethra (visible to 2.0 cm) are of normal appearance, and the ureters are not visible (normal). No masses, calculi or mucosal irregularities are noted.

The kidneys are of normal size and shape and exhibit appropriate corticomedullary differentiation with a normal 1:3 cortex to medulla ratio. There is no evidence of nephrolithiasis, mineralization, pyelectasia, cystic change or hydronephrosis. The proximal ureter is not visible (normal). The left kidney measured 4.0 cm in length. The right kidney measured 4.2 cm in length.

Adrenal Glands

The adrenal glands are both identified in their normal locations. They are normal in size and shape with appropriate parenchymal echogenicity and normal phrenic vasculature. The left adrenal gland height is 4.5 mm at the cranial pole and 4.0 mm at the caudal pole. The right adrenal gland height is 3.5 mm at the cranial pole and 4.4 mm at the caudal pole.

Free Abdomen

The visualized regions of the peritoneal cavity were unremarkable, with normal blood flow at the aortic trifurcation, and no evidence of free fluid or inflamed omental fat.

PRIMARY FINDINGS

- Unremarkable canine urologic ultrasound.
- Normal canine adrenals.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no apparent explanation for the patient's clinical signs and hematuria and pyuria on today's ultrasound. The presence of mild proteinuria is difficult to interpret, given the presence of white blood cells, this may be incidental. Given that the bladder appears normal, the possibility of the distal urethra or vulvovaginal region as a source for the inflammatory cells should be considered.

Given the presence of behavior change, the possibility of a central neurologic lesion leading to increased thirst as well as aggression and odd behavior would be a consideration. There is no evidence of adrenal disease that might explain increased thirst and urination.



PATIENT

Nova Rolf

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

8 Years

WEIGHT

15 pounds

INTERPRETED BY

Tam Mengine, DVM,
DABVP (canine/feline
practice)

**IMAGING
PERFORMED BY**

Jasmine Palacios

HOSPITAL NAME

River's Edge Pet
Medical Center

REFERRING VET

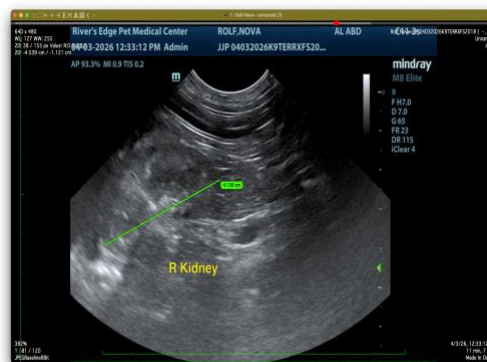
Dr. Anne Todd

INVOICE

14851

DATE

04/03/26



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 I can be of any further assistance, please contact me.

Tam Mengine, DVM, DABVP (canine/feline practice)



PATIENT

info@SonoPath.com

Nova Rolf

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

8 Years

WEIGHT

15 pounds

INTERPRETED BY

Tam Mengine, DVM,
DABVP (canine/feline
practice)

**IMAGING
PERFORMED BY**

Jasmine Palacios

HOSPITAL NAME

River's Edge Pet
Medical Center

REFERRING VET

Dr. Anne Todd

INVOICE

14851

DATE

04/03/26