

**DATE PRESENTING CLINICAL SIGNS**

5/16/22

PE wnl. Doing well at home aside from well controlled atopy. Per O, since a puppy creatinine has always been high normal to elevated. Normal water intake and eliminations.

**PATIENT**

Lenny Rainis

Current Medications: Apoquel 16mg 1 SID.

Lab Results: Creat 1.9 (persistently at this level), remainder WNL. UA (Free catch)- USG 1.026, pH 6.5, WBC 0-1, RBC 2-3, coccobacilli < 10, SqEpi 0-1.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: IM sedation.

**SPECIES**

Canine

Stat Report: Not requested.

Imaging Performed By: Rachel Brillhart, RDMS.

**BREED**

Great Pyrenees

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

\*\*This study was limited to the urinary system. There is a potential for pathology in organs that were not visualized.

**SEX**

Male, neutered

**Urinary System**

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. The region of the trigone and the visible portion of the proximal urethra are normal.

**AGE**

11/27/2018

The prostate is normal in size (1.19 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

**WEIGHT**

86.5 lbs.

The left kidney is normal size (7.03 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**INTERPRETED BY**

Andrea Nicastro, DVM,  
 Diplomate ACVIM  
 (Small Animal Internal  
 Medicine)

The right kidney is normal size (6.51 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**Lymph Nodes**

A 1.41 cm medial iliac lymph node is visible. The node is normal in shape and echogenicity.

**HOSPITAL NAME**

Eastern AH

**ULTRASONOGRAPHIC FINDINGS**

- Unremarkable urinary tract.

**REFERRING VET**

Dr. Cusack

\*An obvious cause for the patient's elevated creatinine is not identified in this study. It may be a normal variant for this patient. However, the slightly low urine specific gravity is concerning for possible early renal dysfunction.

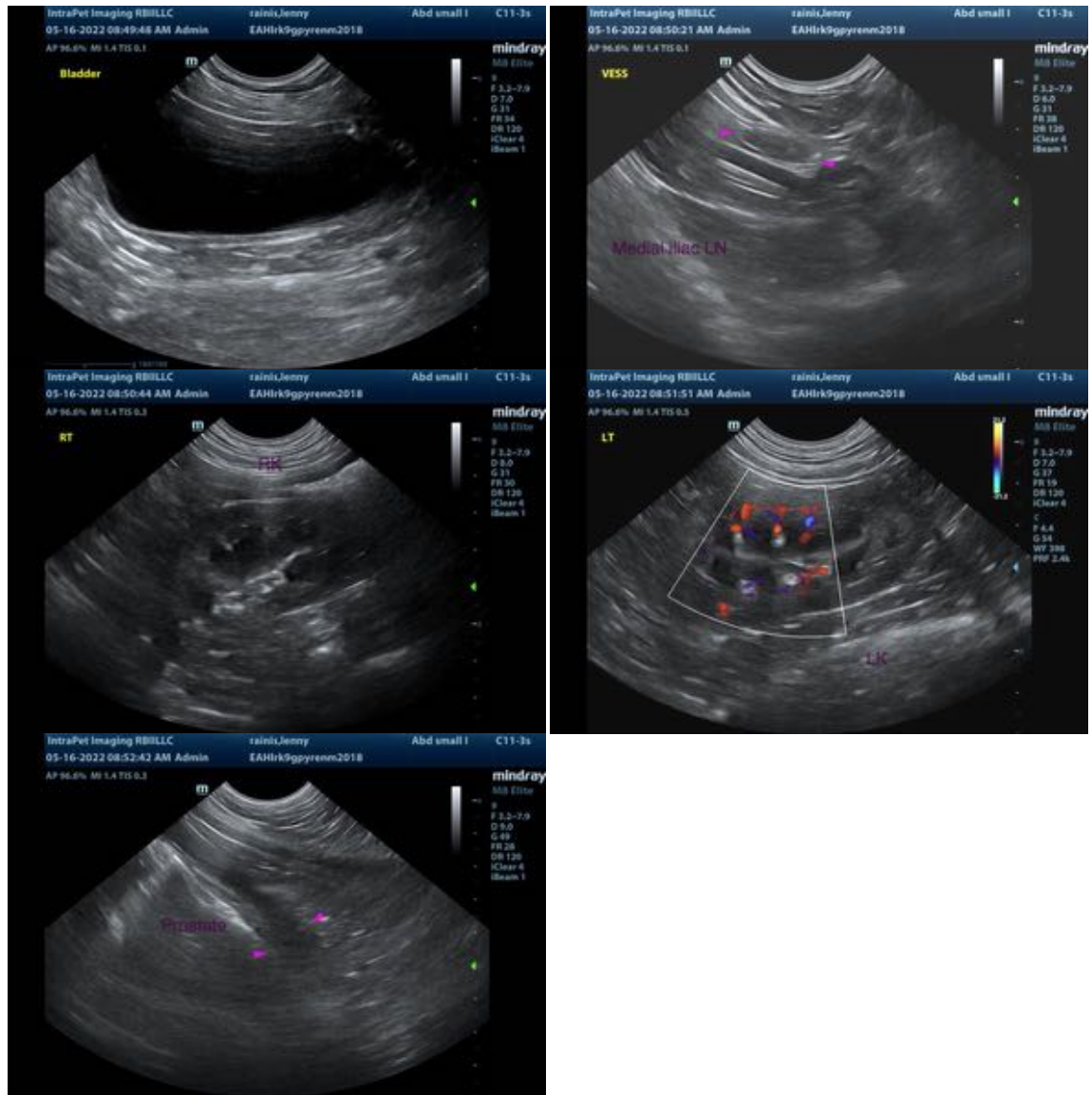
**INVOICE**

13376

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- Consider repeating a urine specific gravity, preferably on a free catch morning sample, to help determine if the reduced urine concentrating ability is persistent.
- Also consider a urine culture and sensitivity as well as a resting cortisol level to screen for hypoadrenocorticism.

- Serial monitoring (i.e., every 3-4 months) of the patient's renal values is recommended to assess for progressive azotemia.



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.

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