



## PATIENT

Peach Jakubowski

## SPECIES

Canine

## BREED

French Bulldog

## SEX

Female Spayed

## AGE

9Y

## WEIGHT

33lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Michael  
Wasserman

## HOSPITAL NAME

Acreage Animal  
Clinic

## REFERRING VET

Dr. Abed

## INVOICE

75319

## DATE

6-4-26

## PRESENTING CLINICAL SIGNS

Patient presented to Dr. Abed on March 27th for clinical signs consistent with a urinary tract infection and was initially treated with enrofloxacin. On May 26th, there was recurrence of lower urinary tract signs including hematuria and stranguria, and the patient was treated again with enrofloxacin and a dexamethasone injection. Patient was sedated prior to arrival with butorphanol, which provided adequate sedation for sonographic evaluation, with minimal abdominal tension noted throughout the examination. A cystocentesis was performed at the beginning of the ultrasound examination prior to gel application to minimize contamination for urinalysis and culture submission. Additional urinary bladder images were obtained later in the examination after the bladder partially refilled with urine. Appears that symptoms resolve with therapy but return shortly after. Not acting hypothyroid symptomatically at home. Patient off enrofloxacin for 4 days now and UTI signs have returned. Abnormal PE/Chem/CBC/UA Results: 6/3/2026 Referral labwork: ALP 135, CL 122, Hemolysis 2+ lipemia 1+, CBC: WBC 18.8k, Neutrophils: 15k. Monocytes 1316k. TT4 <0.5, Urinalysis by free catch URSG 1.012, Protein 2+, Occult Blood 3+, WBC 11-20, RBC 21-50, RODS >100 high.

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

The urinary bladder was nondistended with urine. Normal urethra structure and tone to a depth of 3.0 cm. Mild anechoic urine was present in the lumen with no uroliths or sediment. No evidence of urinary bladder tumors or lumen mineral/calculi. The cystourethral junction and trigone were free of pathology. The ureteral papillae were normal. The ureters were not visible, which is normal. No evidence of inflammatory or neoplastic changes was noted.

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

The area of the uterine remnant was free of pathology.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pyelectasia. The left kidney measured 5.3 cm in length. The right kidney measured 5.5 cm in length.

### *Adrenal Glands*

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.38 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.54 cm width at the caudal pole.

### *Spleen*

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

### *Liver/ Gallbladder*



## PATIENT

Peach Jakubowski

## SPECIES

Canine

## BREED

French Bulldog

## SEX

Female Spayed

## AGE

9Y

## WEIGHT

33lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Michael  
Wasserman

## HOSPITAL NAME

Acreage Animal  
Clinic

## REFERRING VET

Dr. Abed

## INVOICE

75319

## DATE

6-4-26

The liver was subjectively normal in size, structure, and contour. Normal hepatic vascular volume was present. 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.

The gallbladder was non-distended in size with moderate variably congealed yet nonorganized gallbladder debris. The cystic and common bile ducts were normal.

### *Gastrointestinal*

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty without evidence of retained ingesta, fluid, or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

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

### *Pancreas*

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.

### *Free Abdomen*

No overt lymphadenopathy or peritoneal effusion was present.

## ULTRASONOGRAPHIC FINDINGS

### *Primary Findings*

- Sonographically unremarkable urinary bladder and visible proximal urethra.
- Normal bilateral kidneys.

### *Secondary Findings*

- Congealed nonorganized gallbladder debris (nonmucocele).

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of upper or lower urinary tract or uterine remnant pathology i.e. masses, calculi, overt congenital defect, or other as an obvious nidus for recurrent UTI. Assessment of the vulva and vaginal vault for evidence of structural pathology which may potentially predispose to ascending infection is recommended. Cystoscopy could also be considered to evaluate nonvisible urethra. Ideally based on urine C/S results, higher dose shorter frequency antibiotic regimen i.e. Enrofloxacin or Clavamox 20mg/kg SID for 3-5 days and if clinically appropriate may prove more effective at eliminating recurrent UTI.



**PATIENT**

Peach Jakubowski

**SPECIES**

Canine

**BREED**

French Bulldog

**SEX**

Female Spayed

**AGE**

9Y

**WEIGHT**

33lbs

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Dr. Michael Wasserman

**HOSPITAL NAME**

Acreage Animal Clinic

**REFERRING VET**

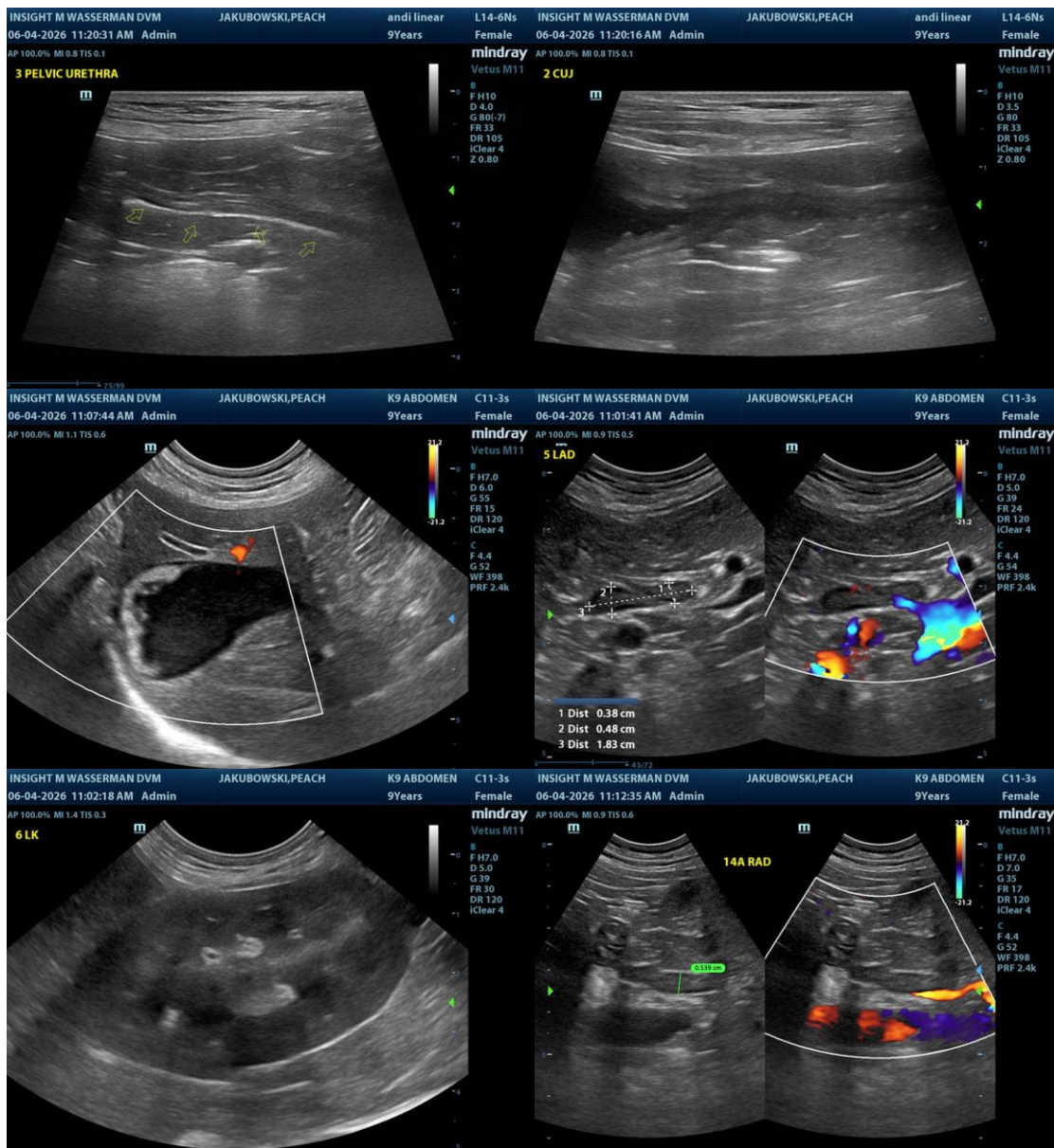
Dr. Abed

**INVOICE**

75319

**DATE**

6-4-26





### PATIENT

Peach Jakubowski

### SPECIES

Canine

### BREED

French Bulldog

### SEX

Female Spayed

### AGE

9Y

### WEIGHT

33lbs

### INTERPRETED BY

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

### IMAGING PERFORMED BY

Dr. Michael  
Wasserman

### HOSPITAL NAME

Acreage Animal  
Clinic

### REFERRING VET

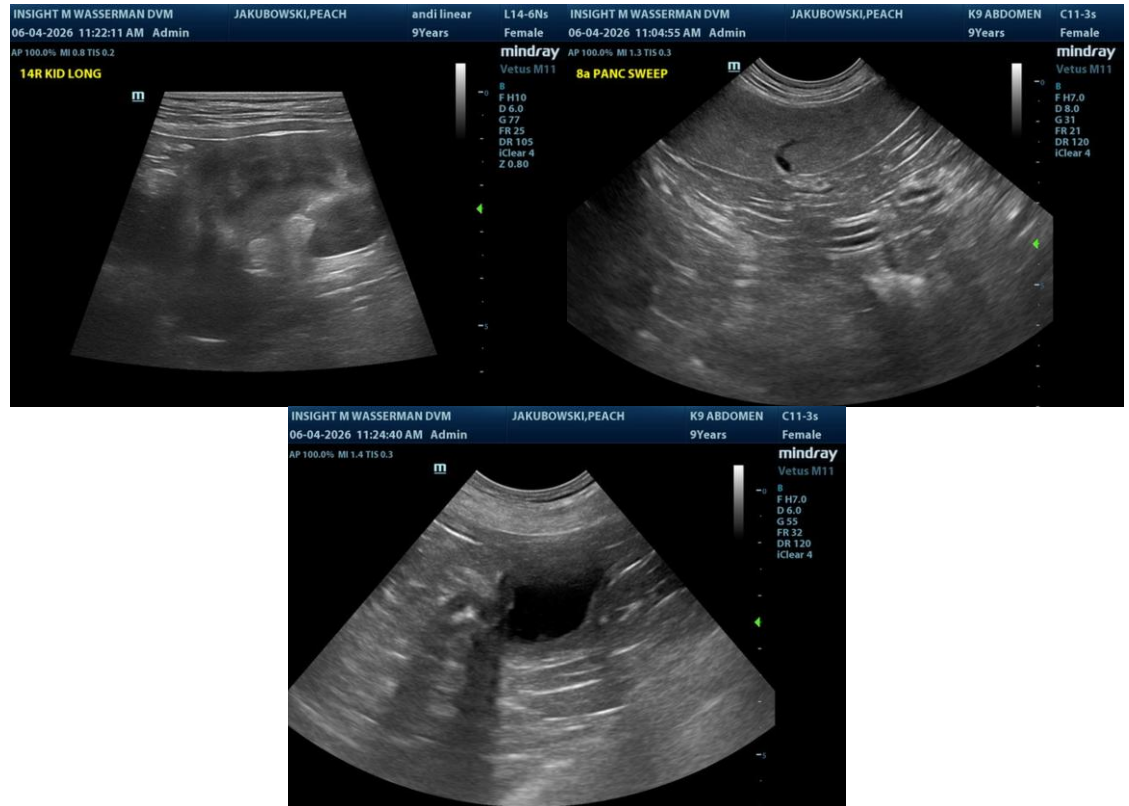
Dr. Abed

### INVOICE

75319

### DATE

6-4-26



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

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)  
[info@sonopath.com](mailto:info@sonopath.com)