

## PATIENT

Zelda Gordek

## SPECIES

Canine

## BREED

Chihuahua X

## SEX

SF

## AGE

6 mo

## WEIGHT

7.5

## INTERPRETED BY

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

## IMAGING PERFORMED BY

A. Murphy CVT  
/Kevin Kicker DVM

## HOSPITAL NAME

Wauwatosa VC

## REFERRING VET

Dr. Elaine Binor,  
DVM

## INVOICE

10465

## DATE

12/16/25

## PRESENTING CLINICAL SIGNS

History of spay on 12/4/25. After 1 week, owner reported UTI signs. She was started on Clavamox, however no improvement. Plan to check imaging of abdomen, bladder, kidneys to check for signs of complication. Owner reports that Zelda was initially painful, but that has resolved. She is urinating inappropriately at this time.

Abnormal PE/Chem/CBC/UA Results: Initial labs norma at time of spay, rechecking lab work today.

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder was normal to mildly decreased in size owing to lack of urine distention, exhibiting normal tone. Normal urinary bladder wall was present without evidence of inflammation or tumors. Mild anechoic urine was present without evidence of mineral or calculi. The trigone and cystourethral junction were free of pathology. The urethra exhibited normal structure and tone to a depth of 1.0 cm.

No evidence of pathology was noted in the area of the uterine remnant.

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

Normal size and margination were present in the left kidney. 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 pelvic dilation or pyelectasia. The left kidney measured 3.6 cm in length.

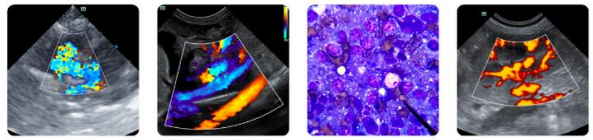
Normal size and margination were present in the right kidney. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. No evidence of pyelectasia was noted in the right kidney. The right kidney measured 3.8 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 0.34 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 0.40 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.



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## ***Liver/ Gallbladder***

The liver was subjectively normal in size, structure, and contour. 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 containing primarily anechoic content with mild non-dependent, non-organized 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 apparent 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***

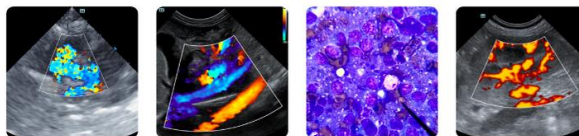
No overt lymphadenopathy or peritoneal effusion was present.

## **ULTRASONOGRAPHIC FINDINGS**

- Sonographically normal nondistended urinary bladder and visible proximal urethra
- Normal area of uterine remnant
- Normal bilateral kidneys

## **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No sonographic evidence of upper or lower urinary tract pathology, i.e., renal dysplasia, pyelonephritis, cystitis, tumor, calculi, overt congenital abnormality, or evidence of uterine remnant pathology as an obvious cause or contributing factor to the patient's urinary signs. Correlation with pending recheck lab work and ideally screening urine C/S on a sterile urine sample is recommended.



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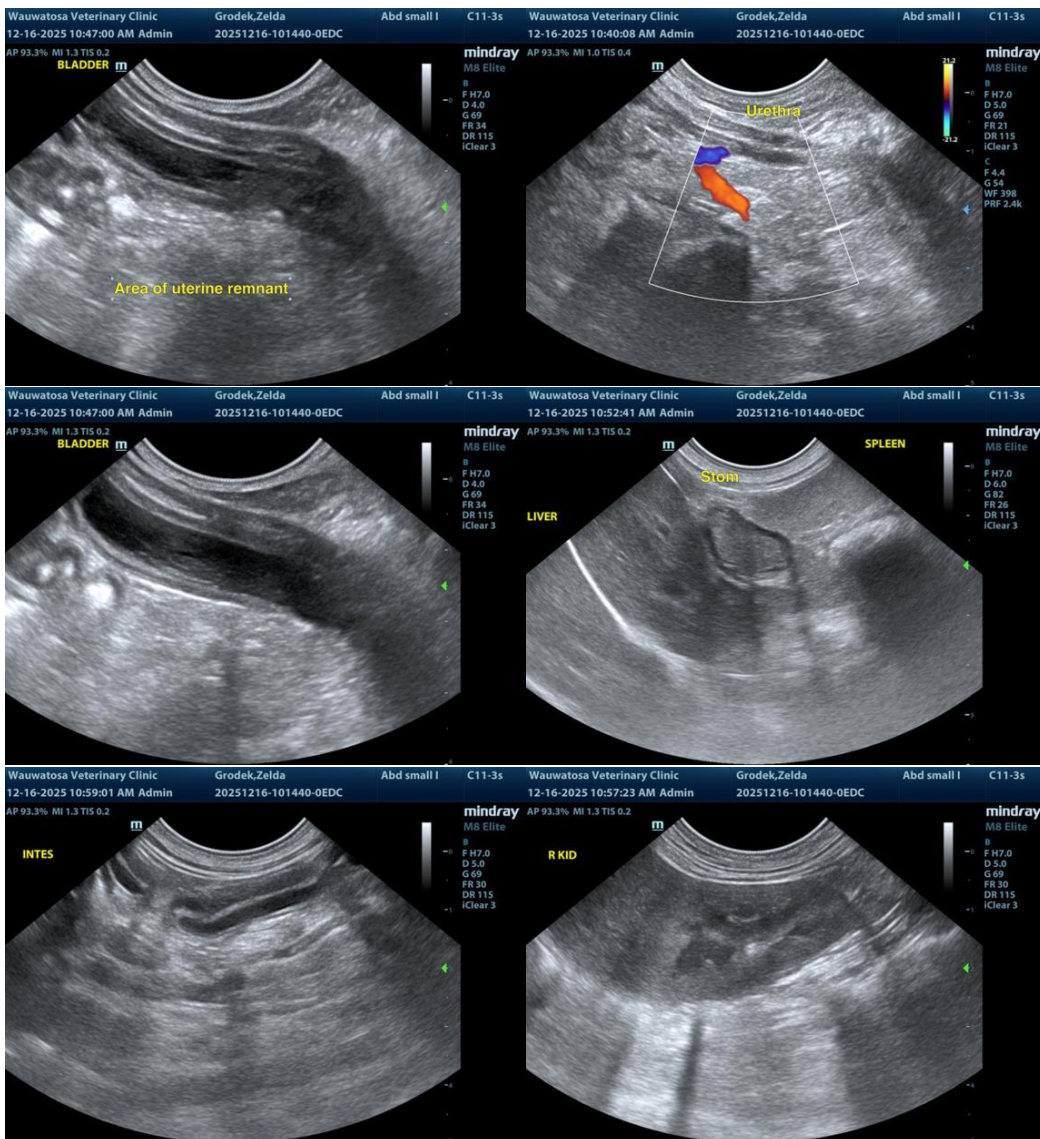
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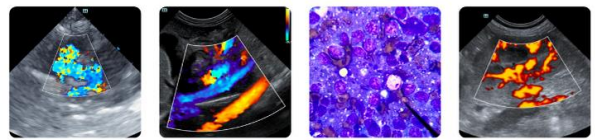
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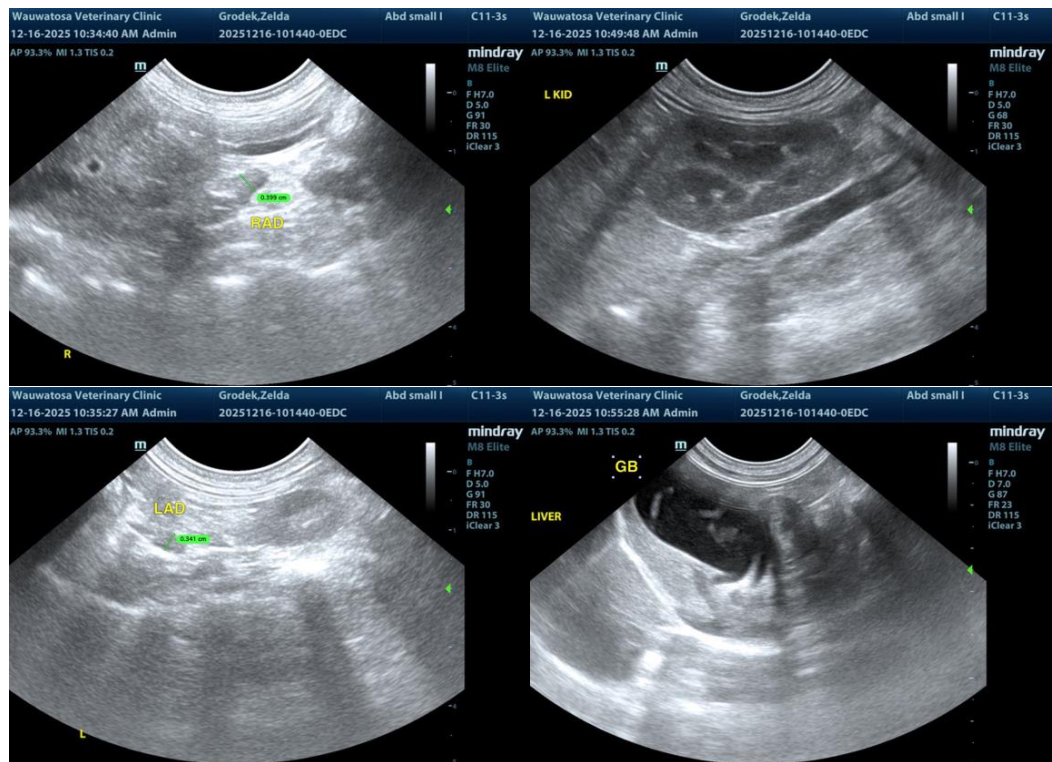
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)