



## PATIENT

Miss Bellatrix Padilla

## SPECIES

Feline

## BREED

DSH

## SEX

4FS

## AGE

4yr

## WEIGHT

3.9kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Michael Schacher

## HOSPITAL NAME

Emergency  
Veterinarians of Idaho

## REFERRING VET

Siske Vet

## INVOICE

23468

## DATE

01/07/2026

## PRESENTING CLINICAL SIGNS

concerns for bladder stones from rDVM on x-rays, requested full abdominal ultrasound to evaluate

Abnormal PE/Chem/CBC/UA Results: bloodwork unremarkable, x-rays concerns for bladder stones

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with mild, dependent to non-dependent particulate sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

The left kidney adequate size with asymmetrical margination. Mild indistinct corticomedullary architecture and corticomedullary demarcation. Mild to moderate left kidney pyelectasia with concurrent mild left hydroureter. Minor left kidney perinephric to retroperitoneal effusion.

Right kidney adequate size, primarily symmetrical margination. 1: 3 cortex medulla ratio with indistinct corticomedullary border demarcation. Mild to moderate pyelectasia and concurrent mild right hydroureter. No evidence of right perinephric or retroperitoneal effusion was present.

The left kidney measured 3.7 cm in length. The right kidney measured 4.0 cm in length.

The area of the aortic trifurcation was free of pathology.

### Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.40 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.39 cm width.

### 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

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. Normal vascular volume. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. 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 contained moderate echogenic retained fluid and chyme with no signs of obstruction or foreign material. The pylorus wall measured 0.23 cm in width.



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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 mechanical/metabolic ileus, obstruction or foreign material.

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

## SPECIES

### *Pancreas*

Feline

The area of the pancreas was sonographically normal.

### *Free Abdomen*

## BREED

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

DSH

## ULTRASONOGRAPHIC FINDINGS

## SEX

### Primary

4FS

- Sonographically normal urinary bladder with mild urine sediment
- Bilateral nephropathy pattern exhibiting pyelectasia, potential bilateral proximal ureteritis and minor left perinephric / retroperitoneal effusion.
- Hypomotile stomach with retained fluid /chyme, sonographically normal small intestine.

## AGE

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## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

## WEIGHT

3.9kg

Although no reported current azotemia, the bilateral kidneys may indicate bilateral nonspecific nephritis with potential for pyelonephritis. No definitive evidence of left or right ureteral obstruction suggests concurrent proximal ureteral inflammation. Given patient history, potential for passed mineral or calculi possible. No current evidence of urinary bladder calculi.

## INTERPRETED BY

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Correlation with urinary workup including urine C/S and UPC level if non-inflammatory proteinuria is recommended. Monitoring of renal parameters UA and gastrointestinal signs with as needed supportive care and sonographic reassessment if progressive gastrointestinal signs or azotemia is recommended.

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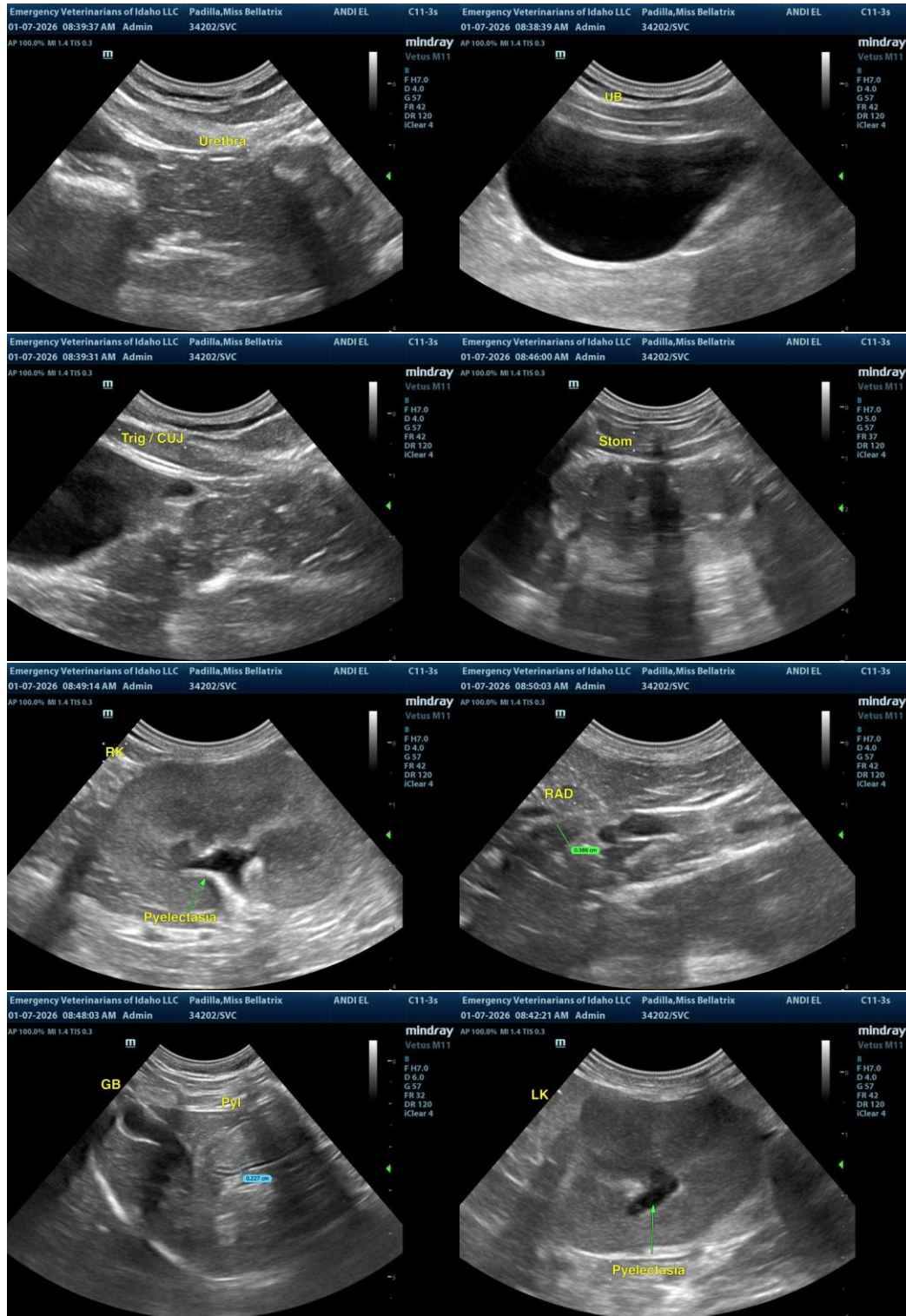
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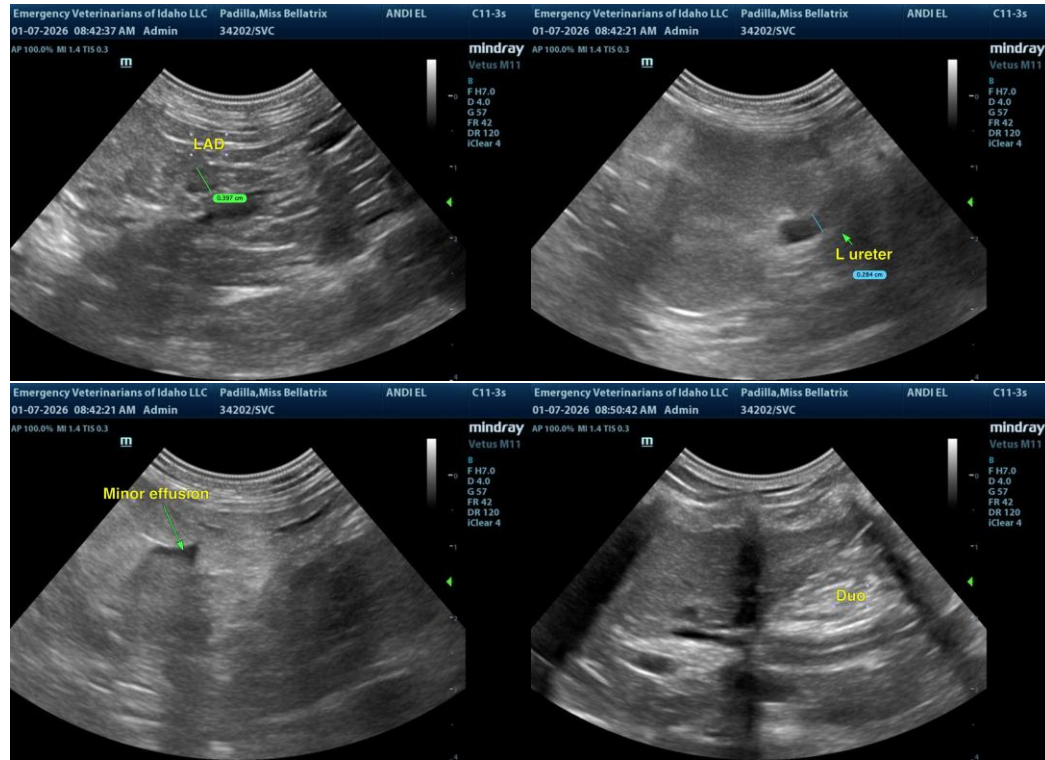
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)