



## PATIENT

Walter Rodriguez

## SPECIES

Feline

## BREED

DSH

## SEX

MN

## AGE

10yr

## WEIGHT

8.1kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Renee Trionfetti, VMD

## HOSPITAL NAME

Cypress Veterinary  
Clinic

## REFERRING VET

Laura Johnson, VMD

## INVOICE

23295

## DATE

12/19/2025

## PRESENTING CLINICAL SIGNS

AUS to further evaluate chronic hyperproteinemia characterized by hyperglobulinemia and normal albumin. Hx of OA. Meds: Solensia Butorphanol 0.35 mg/kg IV

Abnormal PE/Chem/CBC/UA Results: Diagnostics 12/6/25 (prev 11/6/25) - CBC: Hct 41.1%, plts 443 H - Chem: normal renal values and normal LES, Cl 112 L (prev 113 L), TP 10.5 H (no change), glob 7 H (prev 6.9H), Alb 3.5-n - T4: 2.9 - UA: 1.044, pH 7.5, 1+ protein - FeLV/FIV/HW all negative - Radiographs: pending - Protein electrophoresis: planned/pending

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine/lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 4.0 cm in length. The right kidney measured 4.4 cm in length.

The area of the aortic trifurcation was free of pathology.

### Adrenal Glands

The left adrenal gland was mildly prominent in size, overall sonographically normal. This finding is considered incidental and is not consistent with inflammatory or neoplastic criteria. The left adrenal gland measured 0.57 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.38 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. The spleen measured 0.85 cm in width at the level of the mid spleen.

### Liver/Gallbladder

The liver was subjectively mildly enlarged with symmetrical 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 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 with no signs of ileus, obstruction or foreign material.



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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. The small intestinal wall measured 0.25 cm in width.

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

### *Pancreas*

The left pancreas was normal in size with symmetrical contour and homogeneous, subtle hypoechoic parenchyma compared to adjacent non-reactive omentum.

### *Free Abdomen*

No evidence of peritoneal effusion was present.

Focally enlarged mid abdominal mesenteric lymph nodes were present. These lymph nodes were homogenous, mildly hypoechoic and smoothly marginated. A normal width: length ratio was maintained (<0.5). Evidence of mild perilymphatic inflammation was present. An example of lymph node size was 1.6 cm x 0.54 cm.

## ULTRASONOGRAPHIC FINDINGS

### Primary

- Normal spleen.
- Mild hepatomegaly.
- Mild gallbladder debris.
- Mild hypoechoic left pancreas
- Sonographically normal gastrointestinal tract
- Mild age-related renal changes.
- Suspect mild mesenteric lymphadenitis

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No overt evidence of abdominal neoplastic criteria with early to emerging neoplastic mesenteric lymphadenopathy thought less likely. Assuming normal clotting status and using a 25g needle, a mesenteric lymph node and hepatic FNA for screening cytology is warranted to assess for occult disease, given short half-life of hepatic enzymes in cats. A GI panel to include PLI/TLI/Cobalamin/Folate to assess for occult intestinal disease or mild pancreatitis in conjunction with suspect mild mesenteric lymphadenitis may be considered. Correlation with pending protein electrophoresis is recommended.



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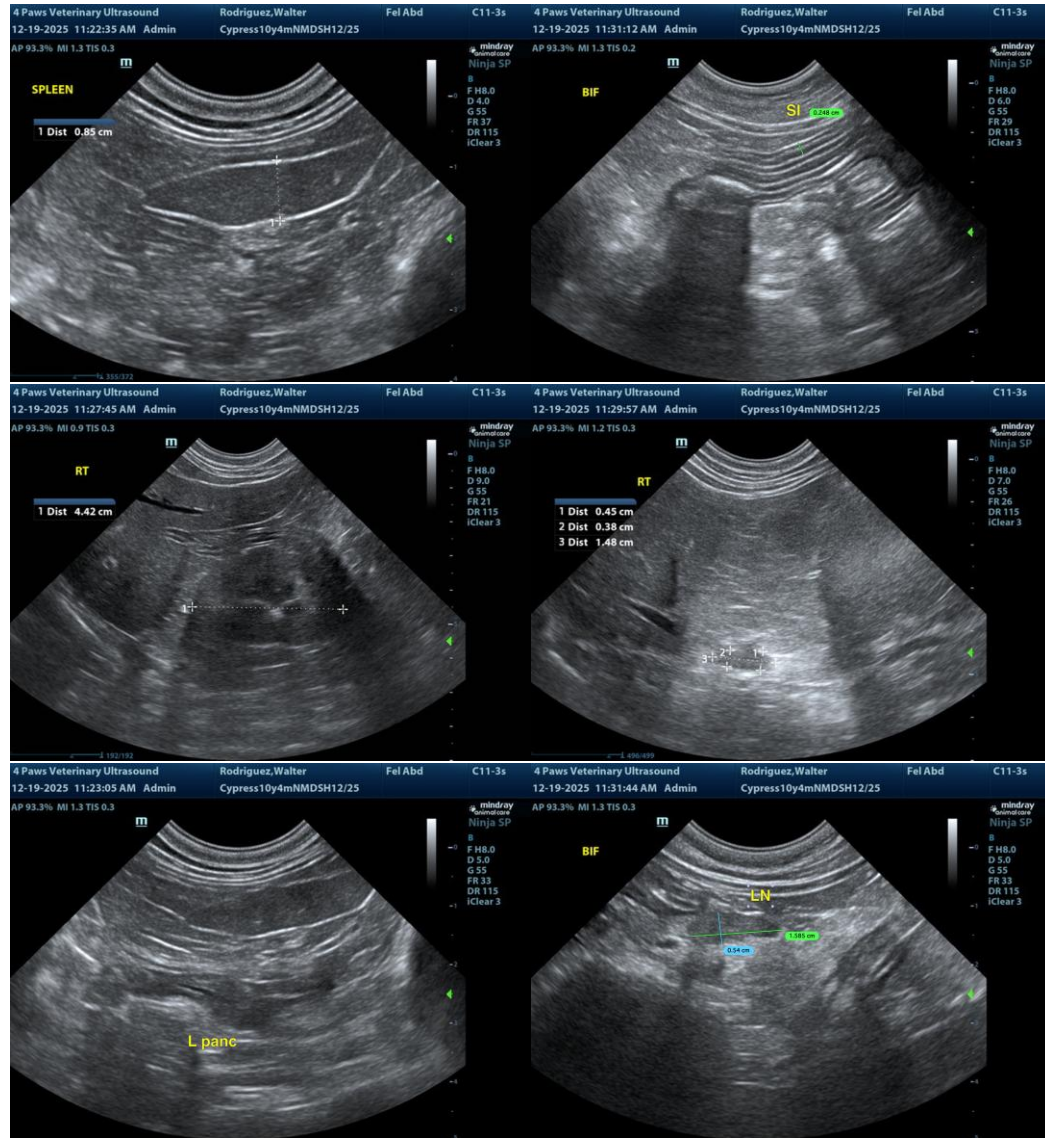
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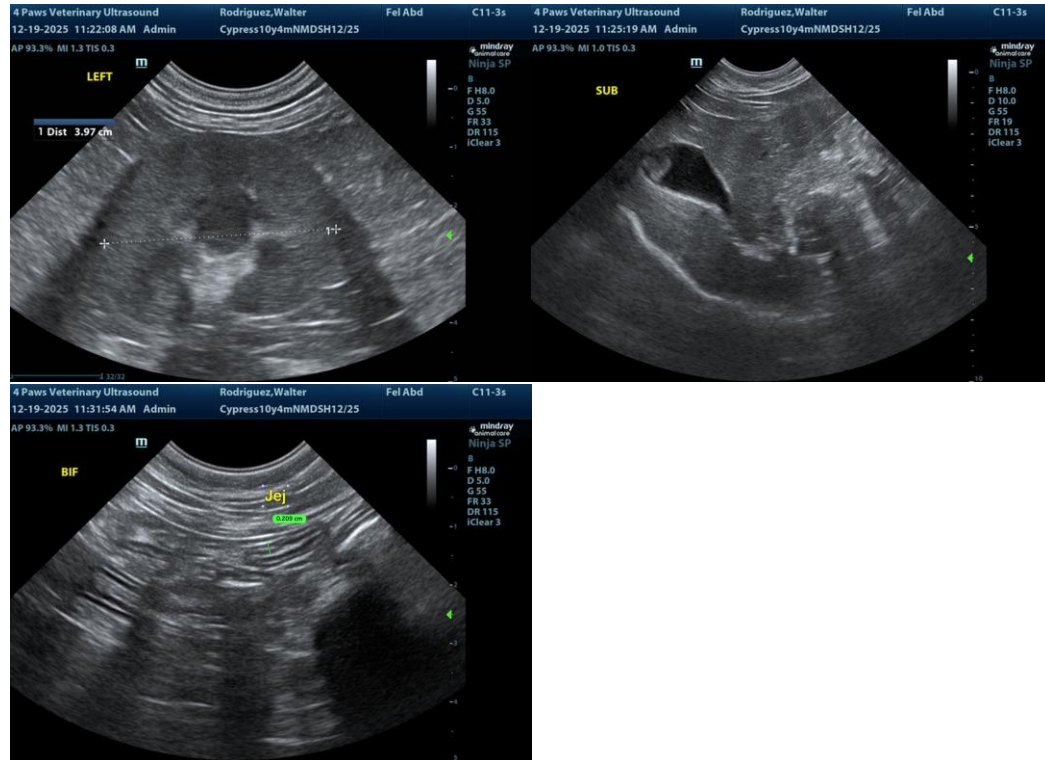
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)