



## PATIENT

Pablo Rodriguez

## SPECIES

Canine

## BREED

Mixed

## SEX

Mn

## AGE

12yr

## WEIGHT

52.2lb

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Gabriel Ferrer  
DVM

## HOSPITAL NAME

Pulse Pet Ultrasound  
Services

## REFERRING VET

Dr. Mayra Fonseca

## INVOICE 24350

**DATE**  
03/30/2026

## PRESENTING CLINICAL SIGNS

- Px presented as a referral for and abdominal ultrasound due to Hx of vomiting, abdominal distention, and lethargy
- rDVM performed an abdominocentesis and Px was Dx with Hemoabdomen
- Px is anemic and thrombocytopenic
- Limited echocardiography was performed and no pericardial effusion or any obvious cardiac masses were visualized
- Abnormal PE/Chem/CBC/UA Results: rDVM record and Radiographs attached below

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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 5.7 cm in length. The right kidney measured 5.9 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 0.65 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 0.68 cm width at the caudal pole.

### Spleen

The spleen was asymmetrically enlarged with non-homogenous nodular parenchyma and concurrent moderately to irregularly expansive mixed echogenic splenic mass. The splenic mass measured 7-8 cm in diameter. An example of a splenic nodule measured 2.9 cm in diameter.

### 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 mild retained echogenic fluid and lumen gas.



## PATIENT

Pablo Rodriguez

The small intestine presented primarily intact, mildly thickened wall with propensity for mildly thickened jejunal muscularis layer. A solitary non-obstructive, mildly expansive non-homogenous jejunal mass was visualized measuring ~ 2 cm in diameter.

## SPECIES

Canine

Normal visible colon wall layers were present with semi 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 was evident.

## BREED

Mixed

### *Free Abdomen*

Moderate volume peritoneal effusion and generalized non-homogenous hyperechoic omentum.

## SEX

Mn

No overt lymphadenopathy was present.

## AGE

12yr

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

## ULTRASONOGRAPHIC FINDINGS

### Primary

- Infiltrative nodular spleen with splenic mass
- Thickened intestine with non-obstructive jejunal mass
- Sonographically unremarkable non-congested liver
- Peritoneal effusion and non-homogenous hyperechoic omentum
- Subjective normal cardiac structure/function
- Mild non-obstructive hypomotile stomach

## WEIGHT

52.2lb

## INTERPRETED BY

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

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The spleen is consistent with neoplastic criteria with considerations including favored sarcoma, round cell neoplasia or other. Multicentric splenic and intestinal neoplasia is strongly suspected while potential for additional micrometastasis or omental seeding is not excluded. Separate nonspecific enteropathy and jejunal mass, i.e. IBD, granuloma, consolidated abscess, etc. is thought less likely. Assuming normal clotting status, splenic FNA cytology and effusion analysis could be considered for initial clarification.

## IMAGING PERFORMED BY

Dr. Gabriel Ferrer  
DVM

## HOSPITAL NAME

Pulse Pet Ultrasound  
Services

If no pathology on three view chest radiographs, splenectomy with concurrent resection anastomosis of jejunal mass and intestinal biopsies could be considered yet an extremely guarded to unfavorable prognosis is suspected even with surgical intervention.

## REFERRING VET

Dr. Mayra Fonseca

## INVOICE

24350

## DATE

03/30/2026



**PATIENT**

Pablo Rodriguez

**SPECIES**

Canine

**BREED**

Mixed

**SEX**

Mn

**AGE**

12yr

**WEIGHT**

52.2lb

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Dr. Gabriel Ferrer  
DVM

**HOSPITAL NAME**

Pulse Pet Ultrasound  
Services

**REFERRING VET**

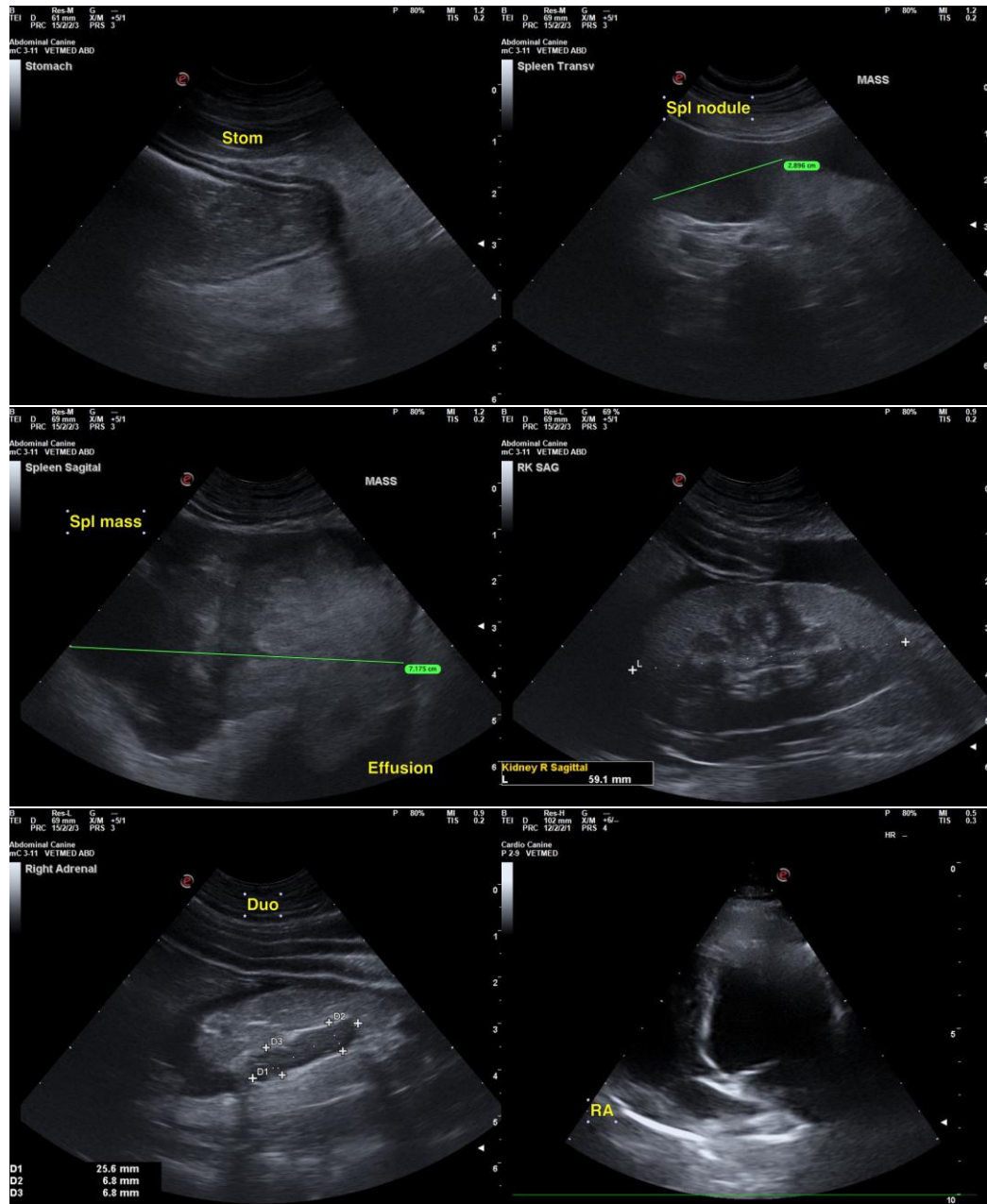
Dr. Mayra Fonseca

**INVOICE**

24350

**DATE**

03/30/2026





**PATIENT**

Pablo Rodriguez

**SPECIES**

Canine

**BREED**

Mixed

**SEX**

Mn

**AGE**

12yr

**WEIGHT**

52.2lb

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Dr. Gabriel Ferrer  
DVM

**HOSPITAL NAME**

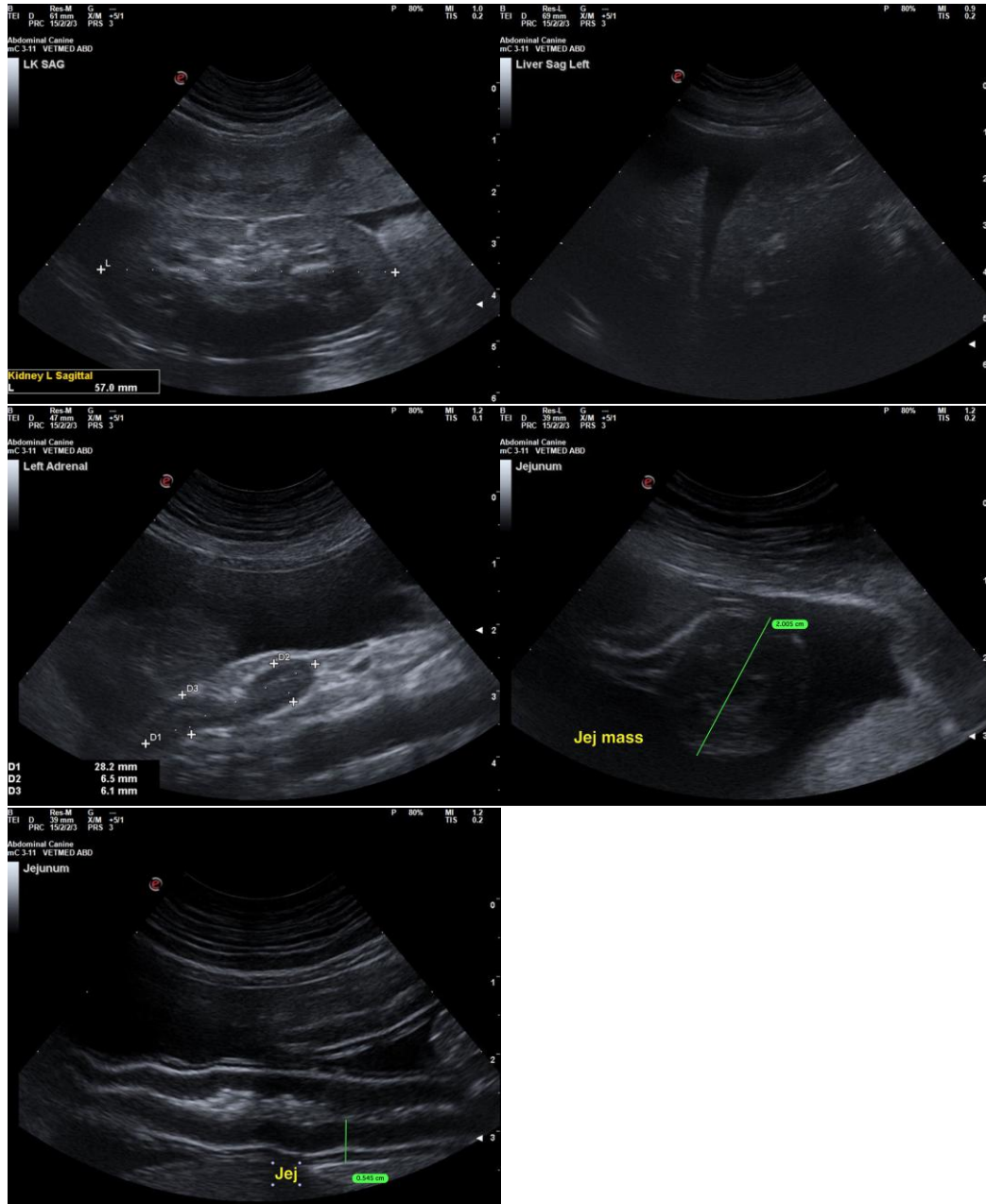
Pulse Pet Ultrasound  
Services

**REFERRING VET**

Dr. Mayra Fonseca

**INVOICE**  
24350

**DATE**  
03/30/2026



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)



## PATIENT

Pablo Rodriguez

## SPECIES

Canine

## BREED

Mixed

## SEX

Mn

## AGE

12yr

## WEIGHT

52.2lb

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Gabriel Ferrer  
DVM

## HOSPITAL NAME

Pulse Pet Ultrasound  
Services

## REFERRING VET

Dr. Mayra Fonseca

## INVOICE

24350

## DATE

03/30/2026