



## PATIENT

Perla Molina

## SPECIES

Canine

## BREED

Golden Retriever

## SEX

FS

## AGE

13yr

## WEIGHT

73lb

## 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

Dra. Sylvia Almodovar

## INVOICE

23238

## DATE

12/15/2025

## PRESENTING CLINICAL SIGNS

Presented as a referral for an abdominal ultrasound to evaluate possible abdominal mass. rDVM recommended abdominal ultrasound and limited echocardiogram. Radiographs showed a round soft tissue mass silhouetting on a ventral extremity of the spleen. Rule out neoplasia vs benign. Also, recommend echo to rule out a concomitant right atrial mass.

Abnormal PE/Chem/CBC/UA Results: BW, radiology report radiographs attached as supporting documents. Limited echocardiogram: No masses or pericardial effusion was seen.

## 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 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 6.7 cm in length. The right kidney measured 7.0 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 0.49 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 0.47 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. The spleen exhibited potential for mild caudomedial folding.

### 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



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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.

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.

### **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.

### **Free Abdomen**

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

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

## **ULTRASONOGRAPHIC FINDINGS**

### **Primary**

- Sonographically normal spleen with subjective mild caudal splenic folding
- Normal liver
- Mild age-related renal changes

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

A definitive splenic mass was not visualized in the study. The mild caudal splenic folding is non-specific yet not indicative of underlying splenic pathology and suspect patient variant. No evidence of hepatic or cardiac primary or metastatic neoplastic criteria. Sonographic monitoring of the spleen would be ideal with recheck splenic ultrasound in 3-4 weeks.

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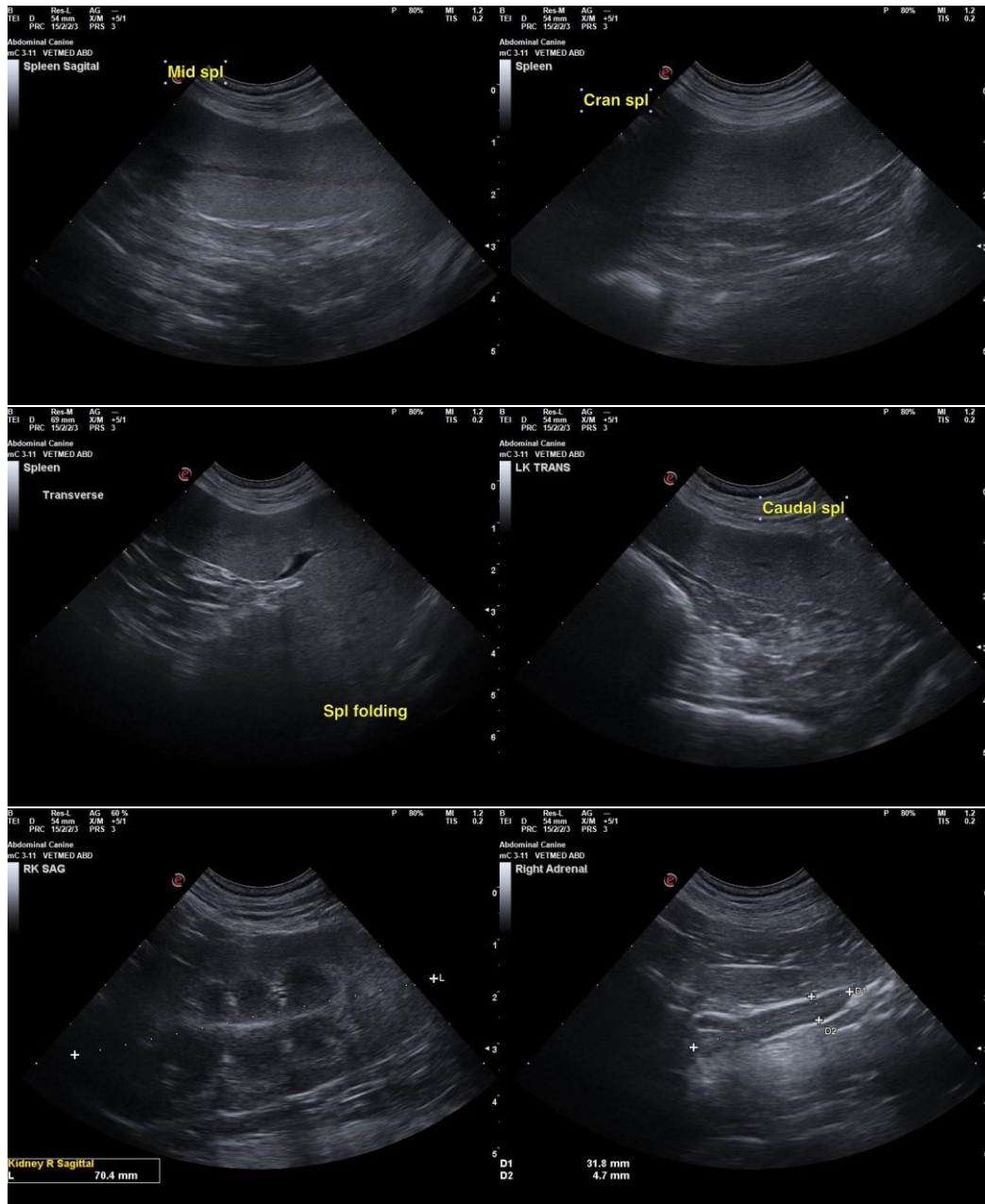
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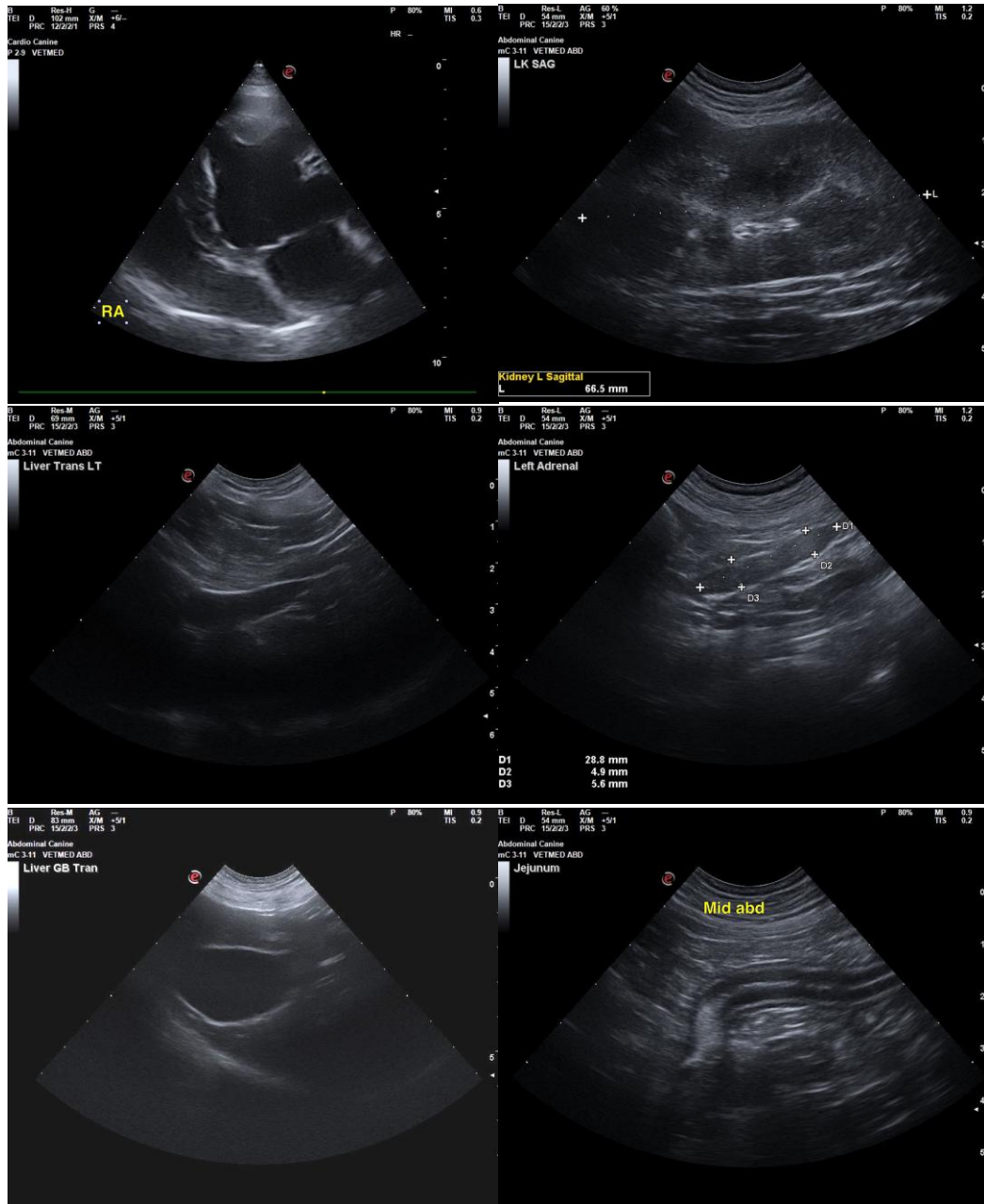
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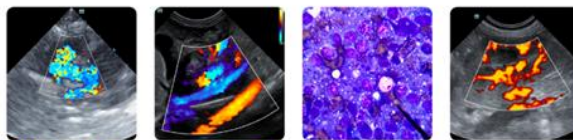
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)



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[info@sonopath.com](mailto:info@sonopath.com)

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