



## PATIENT

Centinel Sanjurjo

## SPECIES

Canine

## BREED

Pitbull Mix

## SEX

Male Neutered

## AGE

8 yrs

## WEIGHT

62 lbs

## 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. Hector Perez

## INVOICE

12943

## DATE

12/12/25

## PRESENTING CLINICAL SIGNS

History: Presented as a referral for an abdominal ultrasound to evaluate possible abdominal mass. PT presented to rDVM with lethargy and mild abdominal distention. Bloodwork showed anemia and radiographs soft tissue opacity in cranial to mid abdomen.

Abnormal PE/Chem/CBC/UA Results: BW: Anemia HCT: 29% Limited echocardiogram: No pericardial effusion or masses were seen.

## 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 uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

The residual prostate presented sonographically normal measuring 1.8 cm in diameter.

Normal size and margination was present in the kidneys. 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. The left kidney measured 7.1 cm in length. The right kidney measured 7.3 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 0.56 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 0.65 cm width at the caudal pole.

### Spleen

A moderately size, non-homogeneous mass was present measuring ~12.0 cm in diameter. Concurrent, separate, non-capsule deforming splenic nodule was present measuring 1.2 cm in diameter. The remainder of spleen was sonographically unremarkable with splenic folding.

### Liver

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 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 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 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**

Focal, mildly prominent to enlarged medial iliac node was present. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph node measured 2.1 cm x 0.89 cm. Mild to moderate peritoneal effusion was present. Mild perisplenic hyperechoic omentum and potential for omental adhesions. No obvious visualized significant omental lymphadenopathy.

### **Heart**

Rapid view of the heart exhibited no overt cardiac tumors or evidence of pericardial effusion.

## ULTRASONOGRAPHIC FINDINGS

- Splenic mass with concurrent separate non-disruptive splenic nodule
- Sonographically unremarkable visualized liver
- Perisplenic hyperechoic omentum, and peritoneal effusion
- Subjective normal echocardiogram

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The splenic mass is nonspecific with considerations including hyperplasia, hematopoiesis, granuloma, splenitis, or neoplasia (sarcoma, round cell neoplasia, other). Neoplastic criteria, i.e. sarcoma is favored. Definitive evidence of intraabdominal or cardiac macro metastasis or micro metastasis or early omental seeding cannot be definitively excluded. Assuming no pathology on 3-view chest radiographs, splenectomy with gross inspection of the abdominal cavity is warranted.



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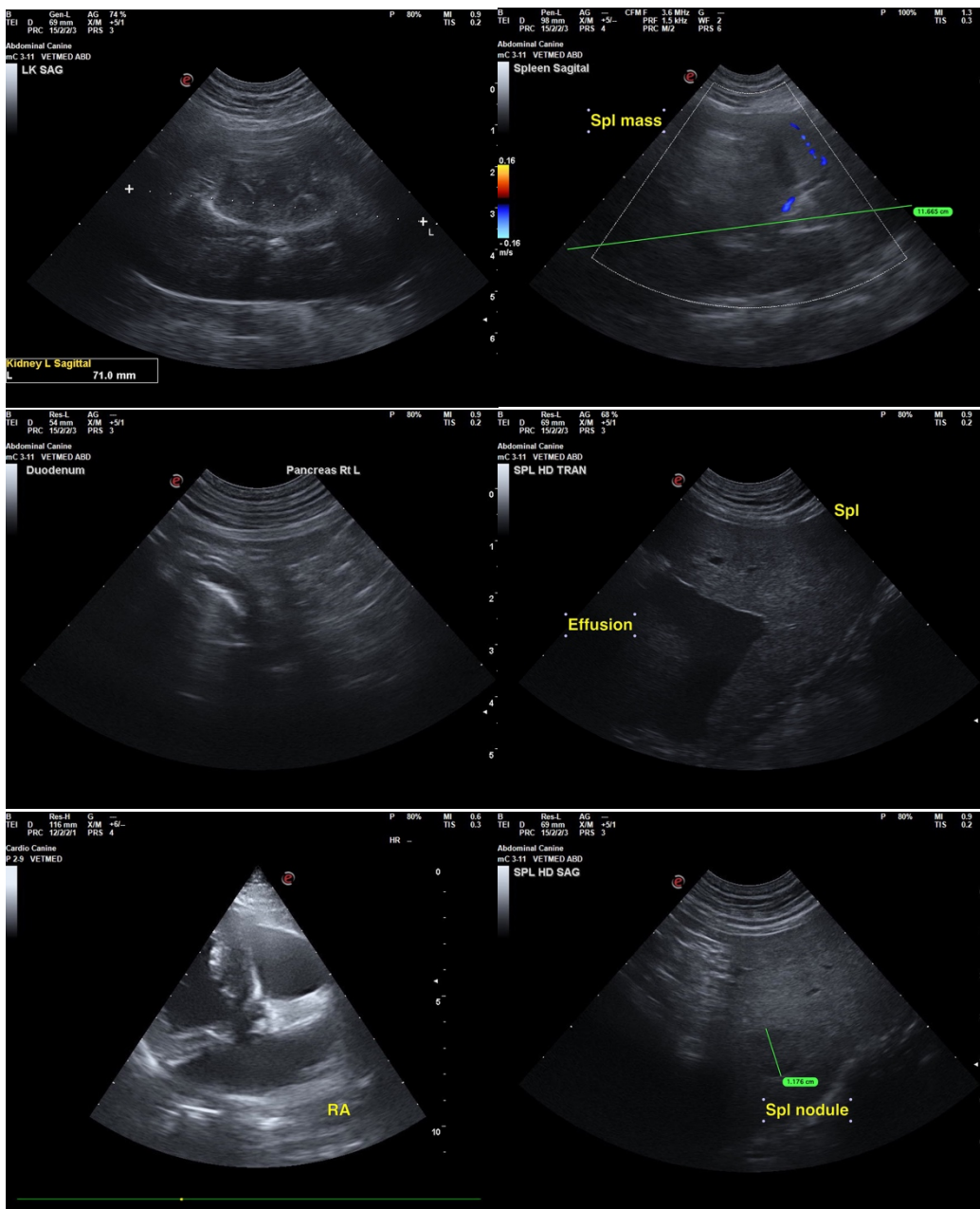
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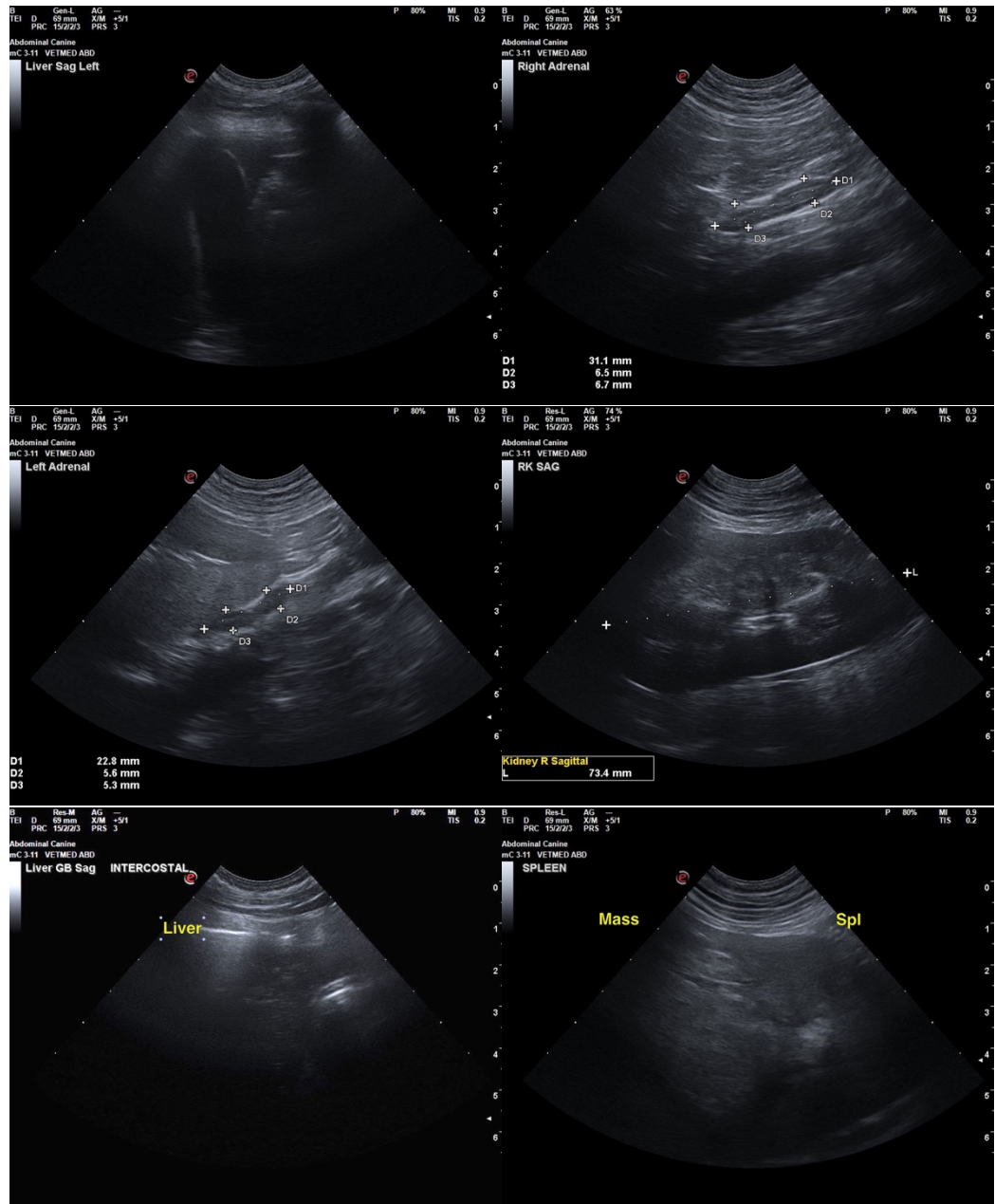
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)