

Portable Animal Wellness Sonography, Inc.

IMAGING PERFORMED BY  
pawsonography@gmail.com 530-786-8340

## PATIENT

Jackson Kaplan

## PRESENTING CLINICAL SIGNS

## SPECIES

Canine

Dog was seen at Carson Valley on 9-11-22 for emesis, anorexia and diarrhea. Abdominal ultrasound showed a 5-6cm splenic mass, no free fluid. Owner reports definite improvement since starting cerenia and antibiotics on 9-11. Abdominal palpation did not reveal splenic mass. PCV is 38 TP is 7.2 on 9-14-2022. Cpl was normal

Abnormal PE/Chem/CBC/UA Results: Labs attached

## BREED

Pitbull

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

## SEX

MN

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 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.

## AGE

13yr

Normal size and margination was 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 loss of corticomedullary symmetry and definition expected for the age of the patient. Minor left kidney pyelectasia was present. The left kidney measured 6.9 cm in length. The right kidney measured 6.9 cm in length.

## WEIGHT

28kg

The area of the aortic trifurcation was free of pathology.

### Adrenal Glands

## INTERPRETED BY

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

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 2.5 cm length and 0.48 cm width in the caudal pole. The right adrenal gland measured 3.5 cm length and 0.82 cm width in the caudal pole.

### Spleen

Loetitia Saint-Jacques,  
DVM, DABVP

The spleen exhibited a moderately sized cavitated mass appearing to occupy the mid spleen measuring ~ 7 cm in diameter. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

## HOSPITAL NAME

Roundhill Animal Hospital

### Liver

The liver presented borderline enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. 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 with mild luminal debris. The cystic and common bile ducts were normal.

## REFERRING VET

Dr. Kelly

## INVOICE

11733ag

### Gastrointestinal

## DATE

09/26/2022



## PATIENT

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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.

## SPECIES

Canine

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.

## BREED

Pitbull

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

### *Pancreas*

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

## SEX

MN

### *Free Abdomen*

No overt lymphadenopathy or peritoneal effusion was present.

## AGE

13yr

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

## ULTRASONOGRAPHIC FINDINGS

### WEIGHT

28kg

- Irregular splenic mass
- Mild vacuolar hepatopathy pattern-benign
- Minor gallbladder debris
- Mild age-related renal changes
- Sonographically unremarkable GI tract

## INTERPRETED BY

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

## 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 is favored yet not definitive. Assuming no evidence of thoracic pathology, splenectomy with gross inspection of the liver and perisplenic omentum is recommended.

## IMAGING BY

Loetitia Saint-Jacques,  
DVM

## HOSPITAL NAME

Roundhill Animal Hospital

## REFERRING VET

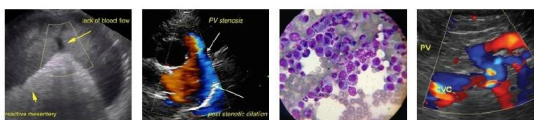
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**SEX**

MN

**AGE**

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**WEIGHT**

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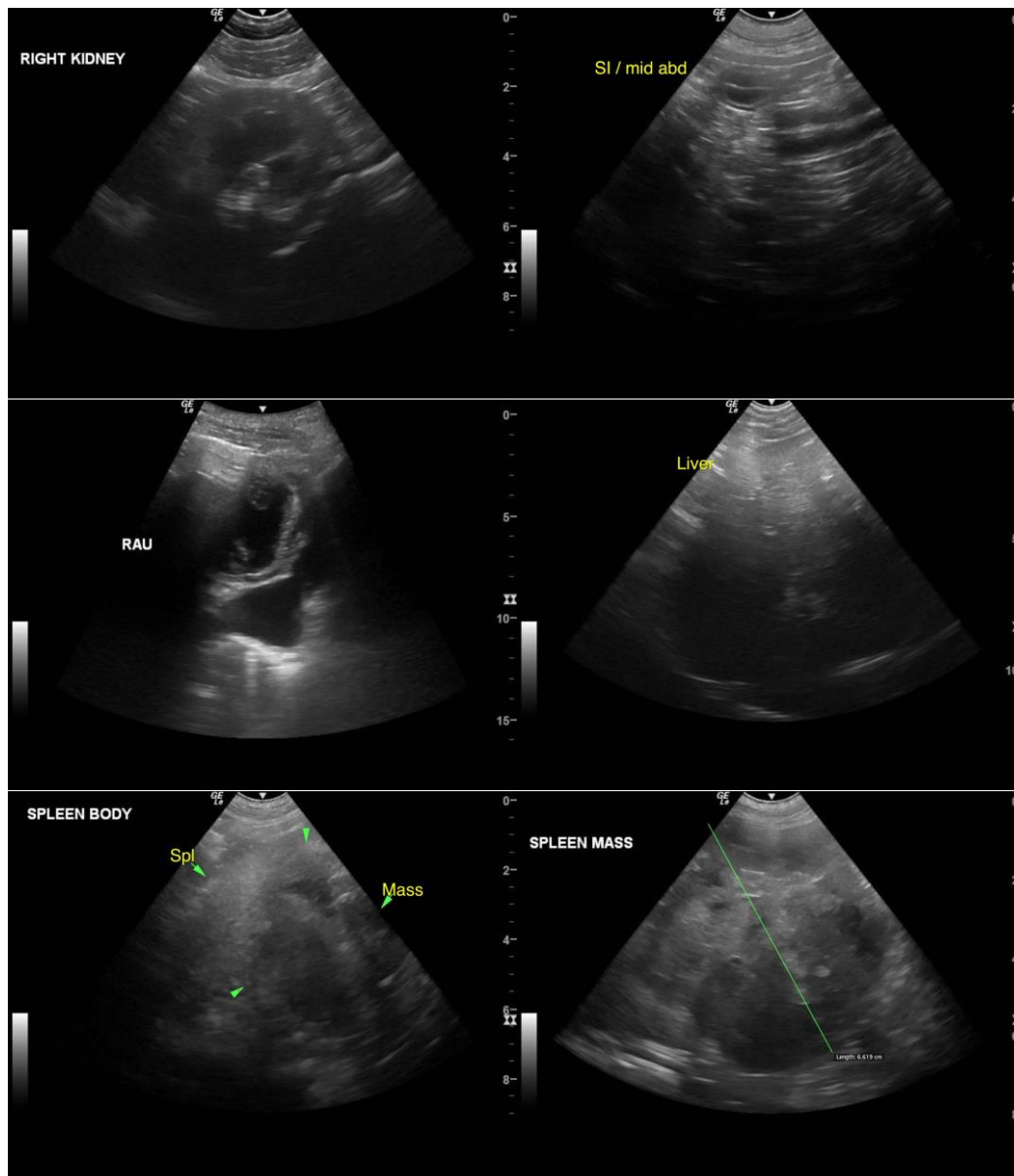
Dr. Kelly

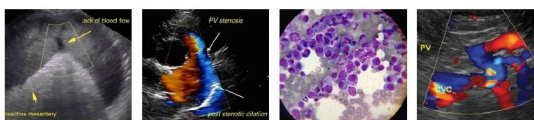
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**PATIENT**

Jackson Kaplan

**SPECIES**

Canine

**BREED**

Pitbull

**SEX**

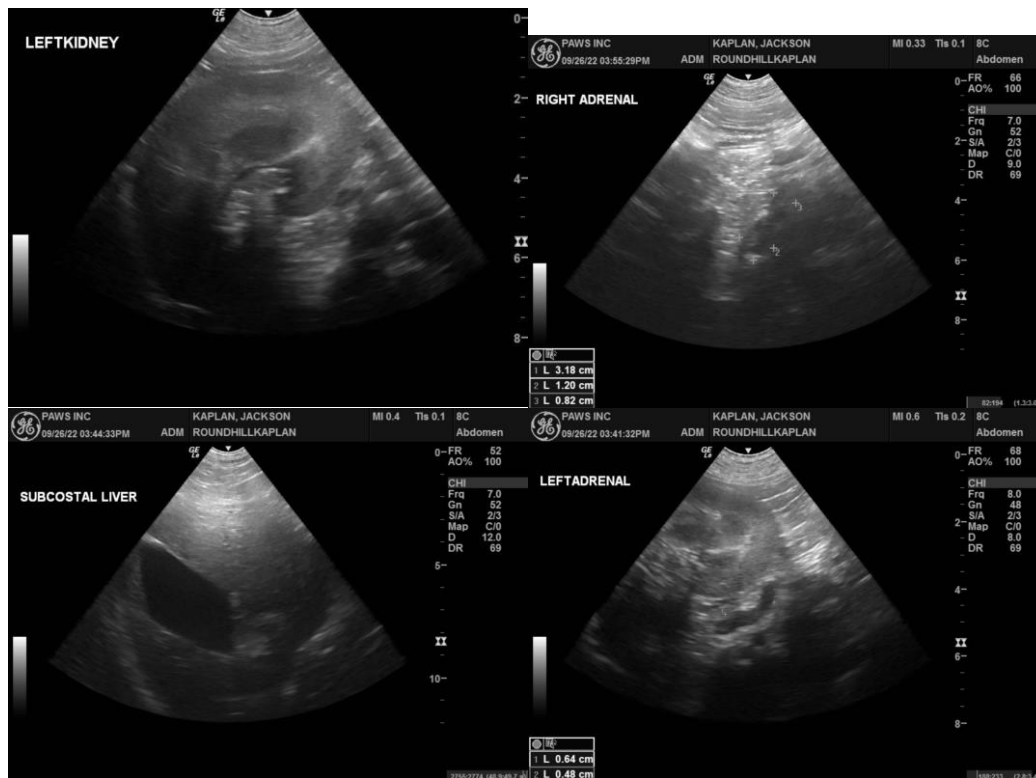
MN

**AGE**

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**WEIGHT**

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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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