



## PATIENT

Sarge Richardson

## SPECIES

Canine

## BREED

Chihuahua Mix

## SEX

Neutered Male

## AGE

15 Years 1 Month

## WEIGHT

11.2 pounds

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP (Canine  
/ Feline Practice)

## IMAGING PERFORMED BY

Dr. Sarah Green

## HOSPITAL NAME

Healing Spirit Animal  
Wellness

## REFERRING VET

Dr. Sarah Green

## INVOICE

15470

## DATE

04/24/26

## PRESENTING CLINICAL SIGNS

Repeated vomiting overnight and following morning meal today, has been hyporexic, appeared nauseated for the past week.

Abnormal PE/Chem/CBC/UA Results: Afebrile. Abdomen tense, anxious. No significant abnormalities on CBC, chem, cPL WNL

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

The urinary bladder was subnormal in size owing to lack of urine distention, prohibiting full evaluation of the bladder wall. Minimal anechoic urine was present with no evidence of tumors, mineral, or calculi. The trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic change were noted.

The area of the residual prostate appeared normal and free of pathology.

The area of the aortic trifurcation was free of pathology.

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 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 3.4 cm in length. The right kidney measured 3.3 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 0.49 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 0.44 cm width at the caudal pole.

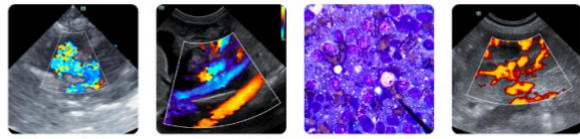
### *Spleen*

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.

### *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. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non distended in size with moderate variably congealed yet nonorganized hyperechoic biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.



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## *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.

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. Segmental mild hyperechoic duodenojejunal mucosal speckling.

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 overt lymphadenopathy or peritoneal effusion was present.

## ULTRASONOGRAPHIC FINDINGS

### *Primary Findings*

- Normal empty stomach.
- Empty small intestine with mild nonspecific mucosal speckling.
- Sonographically normal pancreas.

### *Secondary Findings*

- Variably congealed yet nonorganized gallbladder debris- not consistent with mature mucocele.
- Bilateral chronic renal changes.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of mechanical gastrointestinal obstruction, foreign material or active pancreatitis. The intestinal mucosal speckling is nonspecific yet may suggest nonspecific enteritis. Gastrointestinal support is indicated which may include dietary trial as needed gastroprotectants, screening GI panel to include PLI, TLI, cobalamin, folate, and cortisol level may be considered with recheck sonogram if non-responsive or persistent gastrointestinal signs.



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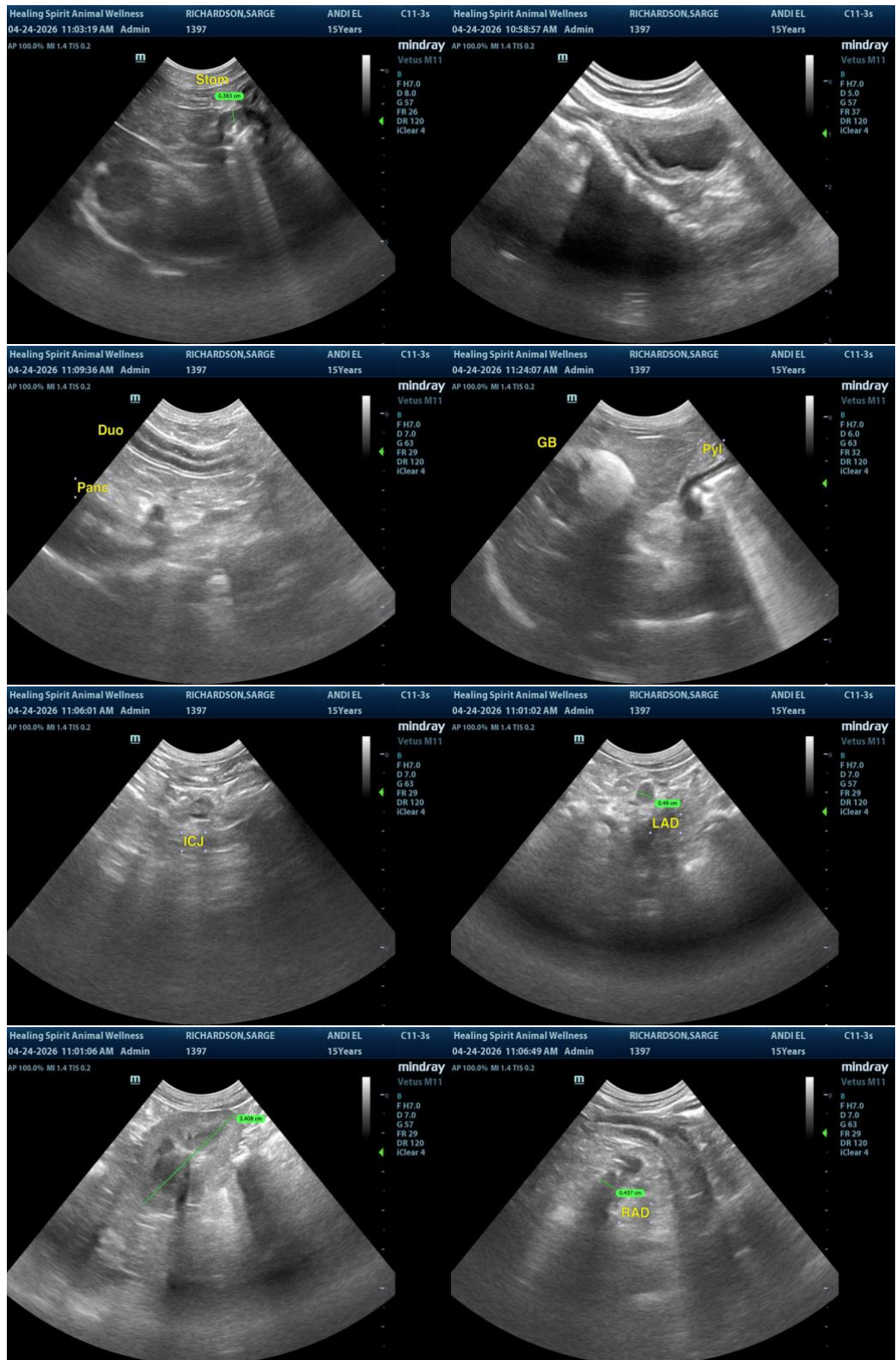
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)