



## PATIENT

Benny Holtzman

## SPECIES

Canine

## BREED

Dachshund Mix

## SEX

MN

## AGE

8yr

## WEIGHT

7.3kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Mora-Osoria

## HOSPITAL NAME

Animal Emergency  
Deland

## REFERRING VET

Dr. Mora-Osoria

## INVOICE

22896

## DATE

11-09-2025

## PRESENTING CLINICAL SIGNS

Patient defecated out some grass and hair material today but otherwise he has not eaten in four days. diagnosed with pancreatitis two days ago but still drooling and overall not doing well

Abnormal PE/Chem/CBC/UA Results: Abdomen: Tense on palpation. No overt organomegaly appreciated CBC. thrombocytopenia, leukocytosis with neutrophilia (platelet clumping noted) Chemistry plus. phosphorus 5.4, calcium 8.7 EPOC. NSF Other: Cortisol. 8.7 GI panel to TAMU. sent to ref lab

## 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 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 4.6 cm in length. The right kidney measured 4.2 cm in length.

The area of the aortic trifurcation was free of pathology.

The area of the residual prostate appeared normal and 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 0.47 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 0.50 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. 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.



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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 mild lumen gas and 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 overt peritoneal effusion was present.

Intermittent mildly prominent to enlarged mesenteric lymph nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example measured 2.9 cm x 0.67 cm.

## ULTRASONOGRAPHIC FINDINGS

### Primary

- Empty gastrointestinal tract / nonspecific gastroenteritis pattern
- Normal area of pancreas
- Mild mesenteric lymphadenopathy

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No signs of gastrointestinal obstructive pattern, foreign material, or significant pancreatitis. Mild pancreatitis or primary gastrointestinal disease with associated subjective benign mesenteric lymphadenopathy may present sonographically normal. Correlation with pending GI panel with continued gastrointestinal support is recommended.



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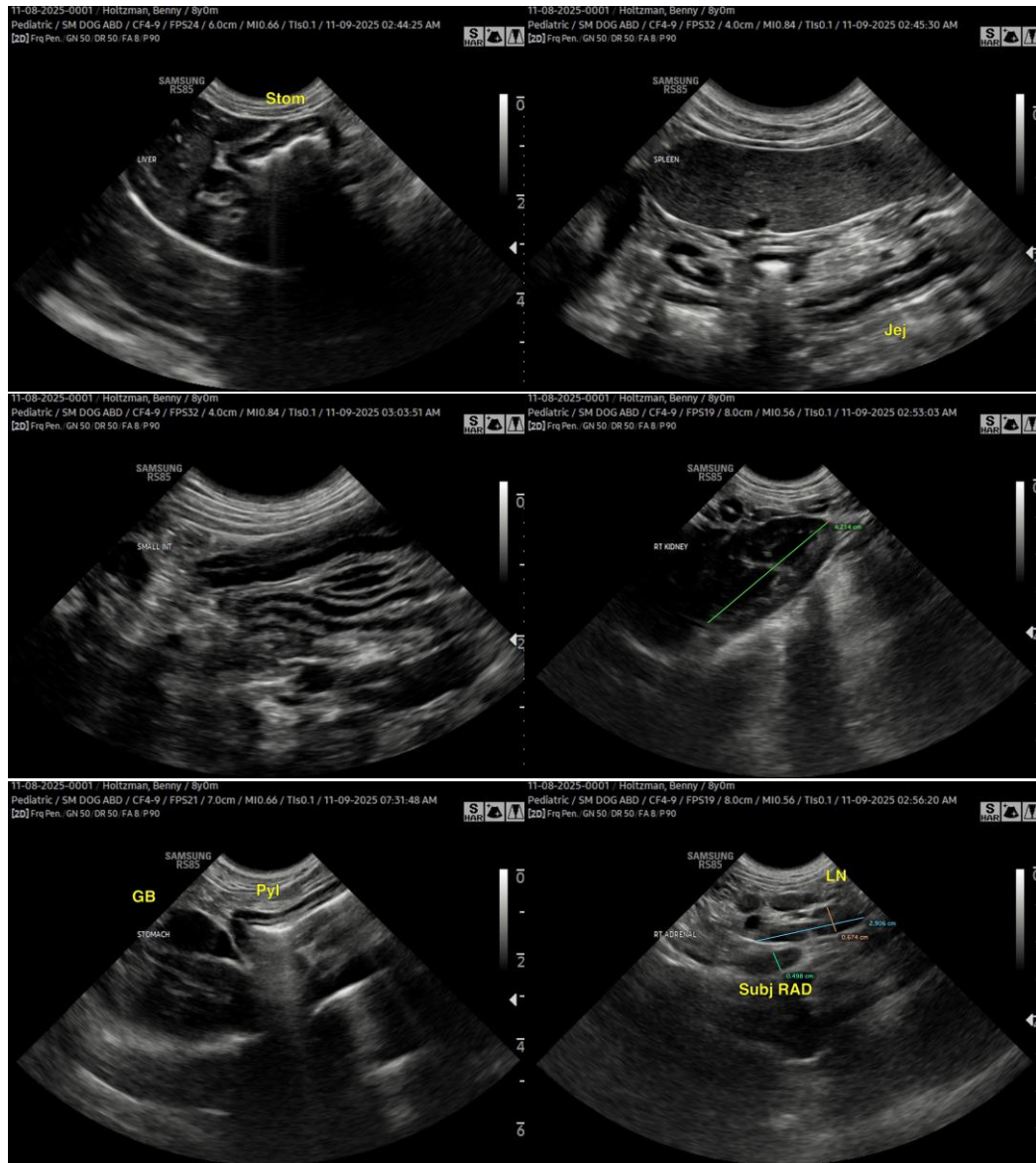
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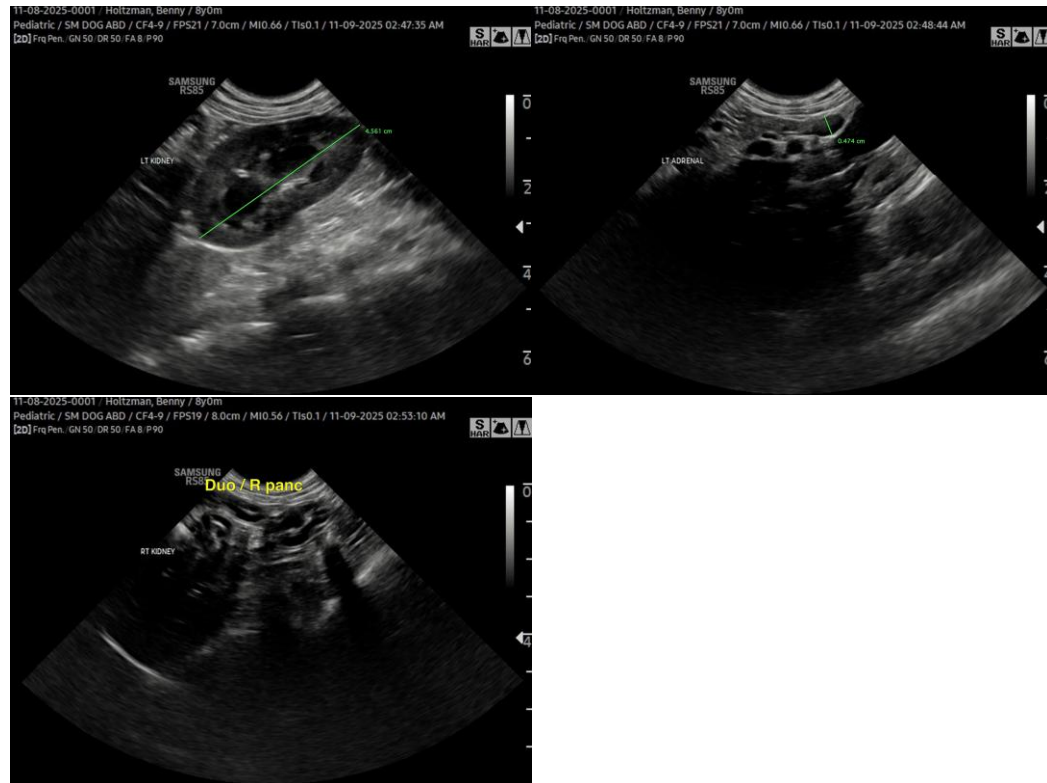
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)