



## PATIENT

Cody Cole

## SPECIES

Canine

## BREED

Papillon

## SEX

MN

## AGE

7yr

## WEIGHT

5.5kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr Honsted

## HOSPITAL NAME

Animal Emergency  
Volusia

## REFERRING VET

Dr Honsted

## INVOICE 23672

**DATE**  
01/26/2026

## PRESENTING CLINICAL SIGNS

- P presented for not improving. Patient has not eaten since leaving. Owner has been hand feeding a slurry of 1cc syringe every few hours to give medications. Patient however does have excessive thirst. On Sunday patient vomited up bile, food and grass. Then Sunday evening patient vomited up a possible piece of wood. Patient is still defecating in small amounts a reddish/orange and urinating blood still. Patient is still lethargic and owner reports patient being off balance and ears quivering.

- Current Medications: Doxy and Clavamox

Abnormal PE/Chem/CBC/UA Results: See attached history and diagnostic results

## 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 4.5 cm in length. The right kidney measured 4.3 cm in length.

The area of the iliac trifurcation was free of pathology including no evidence of medial iliac or sublumbar lymphadenopathy or masses.

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 0.51 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 0.48 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



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and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and moderate non-organized non-congealed debris. No evidence of gallbladder/peripheral gallbladder inflammation or wall edema was present. The common bile duct was not visualized without overt evidence of dilation or post hepatic obstructive criteria.

## SPECIES

Canine

### *Gastrointestinal*

The stomach presented intact wall layering with a normal wall layer ratio. Primarily empty lumen with mild lumen gas and a solitary, non-obstructive subjective minor shadowing hyperechoic linear echo, measuring ~ 2 cm in length.

## BREED

Papillon

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.

## SEX

MN

The visualized colon was sonographically normal and empty in appearance.

### *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.

## AGE

7yr

### *Free Abdomen*

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

## WEIGHT

5.5kg

Transdiaphragmatic view of the heart revealed no evidence of pericardial effusion or overt cardiac tumors in the visible window.

## ULTRASONOGRAPHIC FINDINGS

### *Primary*

- Normal empty stomach with non-obstructive hyperechoic lumen echo
- Normal empty small intestine
- Sonographically normal spleen
- Normal urinary bladder
- Normal bilateral kidneys / adrenal glands

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## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of significant abdominal visceral pathology, such as masses or neoplastic criteria as a contributing factor to the patient's anemia.

The small non-obstructive gastric linear echo may correlate with residual grass artifact given patient history. No evidence of gastrointestinal mechanical obstruction or significant shadowing gastrointestinal content. Correlation with abdominal and thoracic radiographs, if not recently done, is suggested.

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Continued gastrointestinal support with sonographic monitoring of the non-obstructive gastric echo with consideration for upper gastrointestinal endoscopy if the patient is stable is recommended.

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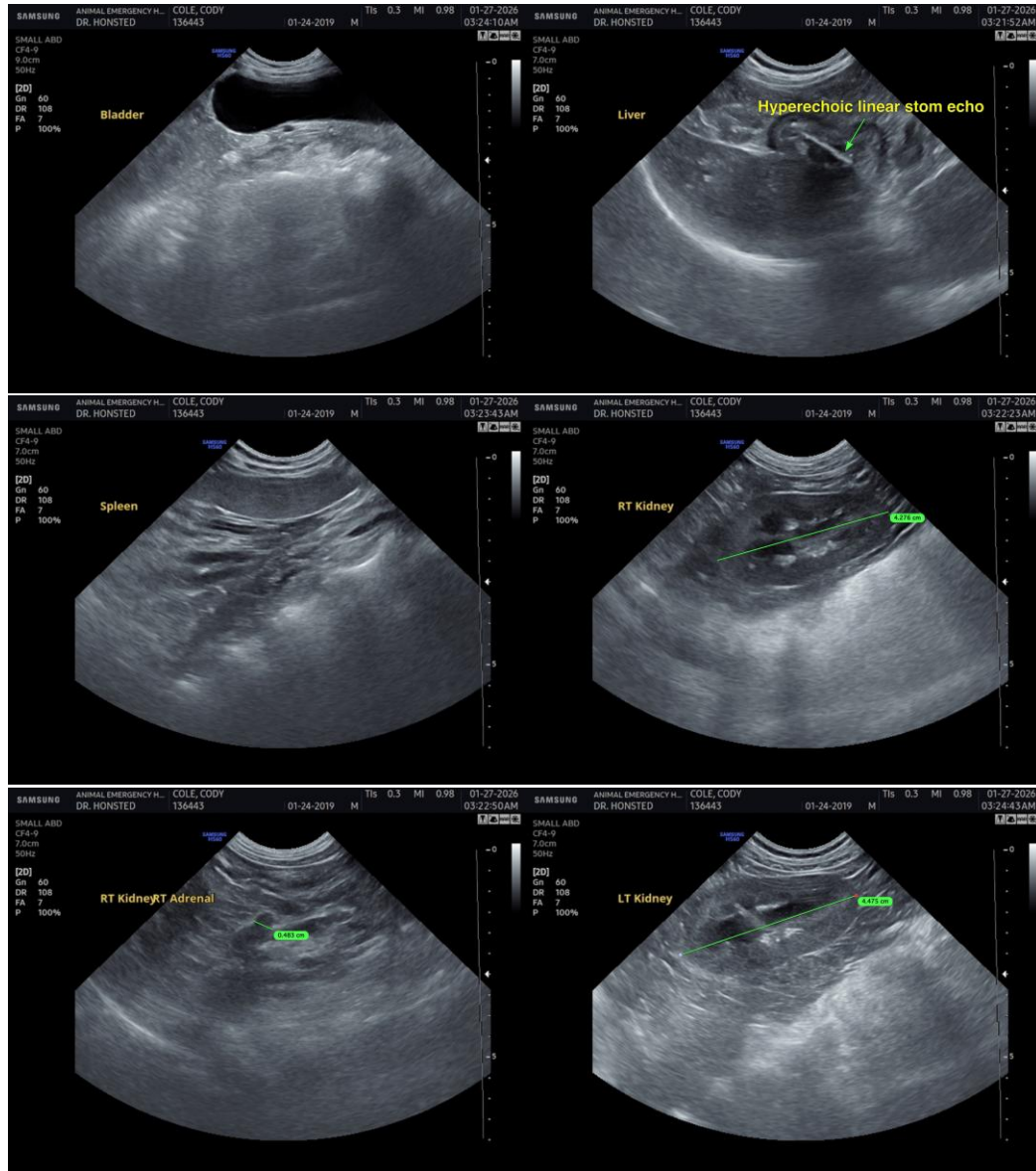
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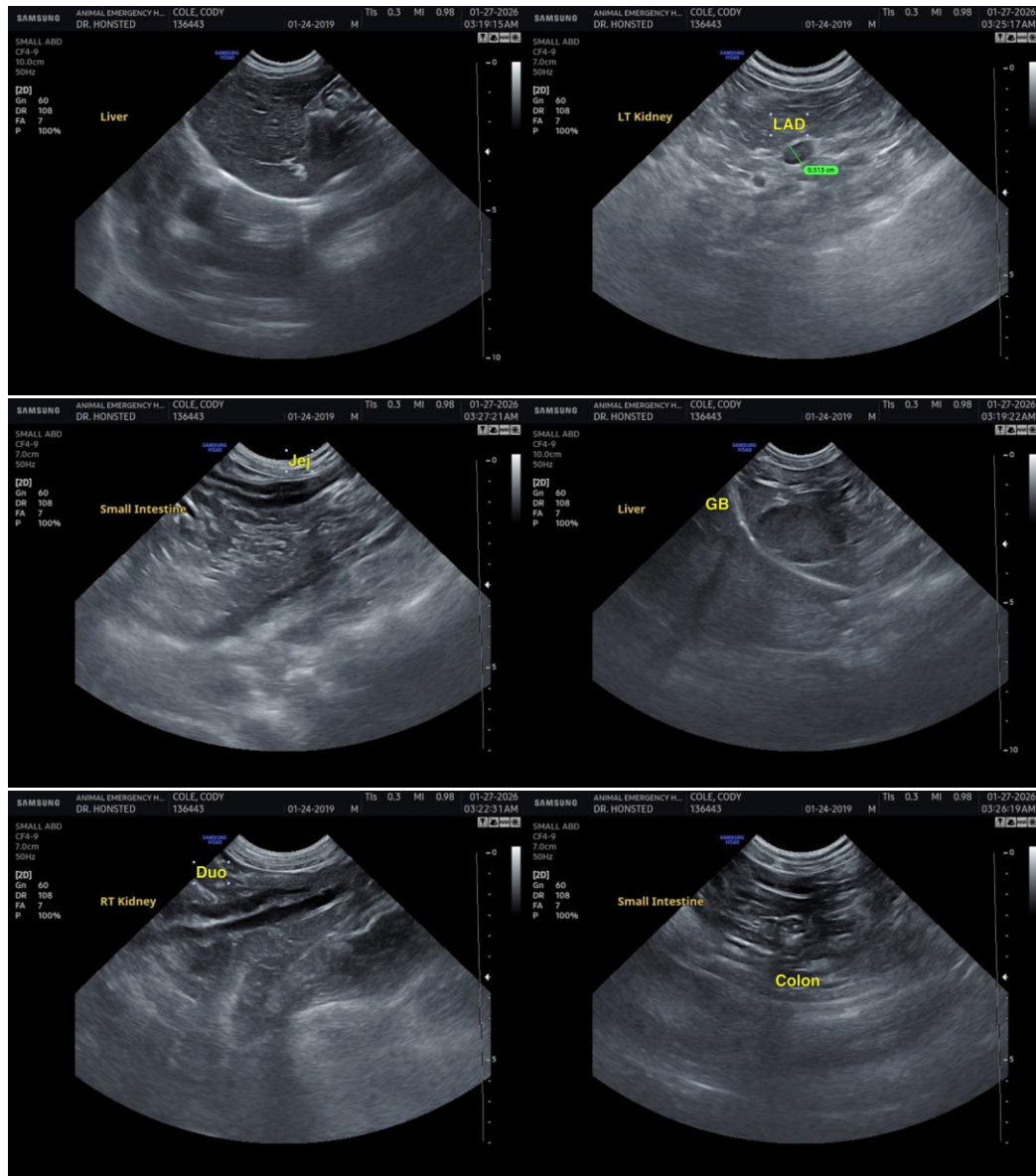
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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