



## PATIENT PRESENTING CLINICAL SIGNS

**Potato Woodville** History: Starting on Friday, patient developed hives. On Saturday, he began to have intestinal upset. He was diagnosed with pancreatitis with rDVM and hospitalized at their facility for two days. No improvement. patient has not eaten in five days and is having bloody diarrhea.

### SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: EPOC. HCT 57% Baseline cortisol. 6.4

### BREED

Fr Bulldog

35 still images and 14 video clips are available for interpretation.

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### SEX

Neutered Male

#### Urinary System

The urinary bladder wall is normal in thickness. The mucosal surface is smooth. The bladder is moderately distended. Luminal contents are mostly anechoic. No cystic calculi are observed. The region of the trigone and visible portion of the proximal urethra are normal.

### AGE

5

The prostate is normal in size (0.78 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

### WEIGHT

14.9

The left kidney is normal in size (4.74 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

### INTERPRETED BY

Andrea Nicastro, DVM,  
Diplomate ACVIM  
(Small Animal Internal  
Medicine)

The right kidney is normal in size (5.19 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

### IMAGING PERFORMED BY

Lauren Kuzimski DVM

#### Adrenal Glands

The left adrenal gland is normal in size (0.55 cm at cranial pole) (0.51 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

No images provided of the right adrenal gland.

### HOSPITAL NAME

AEH Deland

#### Spleen

The spleen is normal in size (1.23 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

### REFERRING VET

Lauren Kuzimski DVM

#### Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion.

### INVOICE

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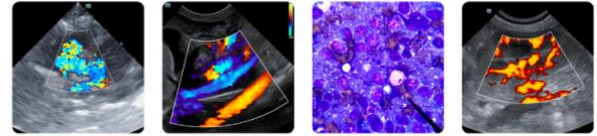
The gallbladder lumen is mildly to moderately distended. The wall is mildly-thickened (up to 0.21 cm) and hypoechoic. A scant amount of echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

### DATE

2-5-26

#### Gastrointestinal

The gastric lumen is not distended. The gastric wall is normal to moderately thickened (up to 0.77 cm) with questionable retention of the normal layering pattern. The pyloric outflow tract is patent. The small



**PATIENT**

Potato Woodville

intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. The lumen of the descending colon contains liquid-appearing fecal material. There is no obvious evidence of an obstructive pattern.

**SPECIES**

Canine

**Pancreas**

The right limb of the pancreas is visible with normal curvilinear peripheral contours. The parenchyma is slightly hyperechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

**BREED**

Fr Bulldog

**Lymph Nodes**

The abdominal lymph nodes are normal/not visible.

**SEX**

Neutered Male

**Free Abdomen**

The mesentery effacing the serosal surface of the pylorus is hyperechoic. There is no obvious evidence of free fluid.

**AGE**

5

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

- The gastric wall changes could be consistent with gastritis or emerging neoplasia. Mild peritonitis is observed adjacent to the pylorus.
- Diarrheic stool

**WEIGHT**

14.9

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**Secondary Findings**

- The pancreatic changes are most consistent with age-related parenchymal remodeling, potentially secondary to a prior inflammatory episode, early fibrosis or chronic pancreatitis.
- The gallbladder wall changes could be consistent with cholecystitis, low oncotic pressure, increased hydrostatic pressure, anaphylaxis, other.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

To further evaluate the gastric wall, endoscopic or surgical biopsies can be considered. If biopsies are not pursued at this time, consider supportive care for gastritis, with a repeat ultrasound in 2-3 weeks to reassess the stomach wall.

**REFERRING VET**

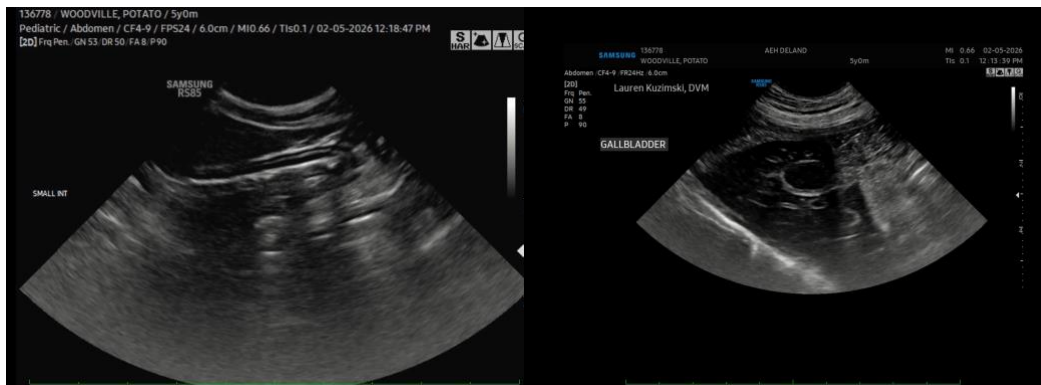
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Potato Woodville

**SPECIES**

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**BREED**

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**SEX**

Neutered Male

**AGE**

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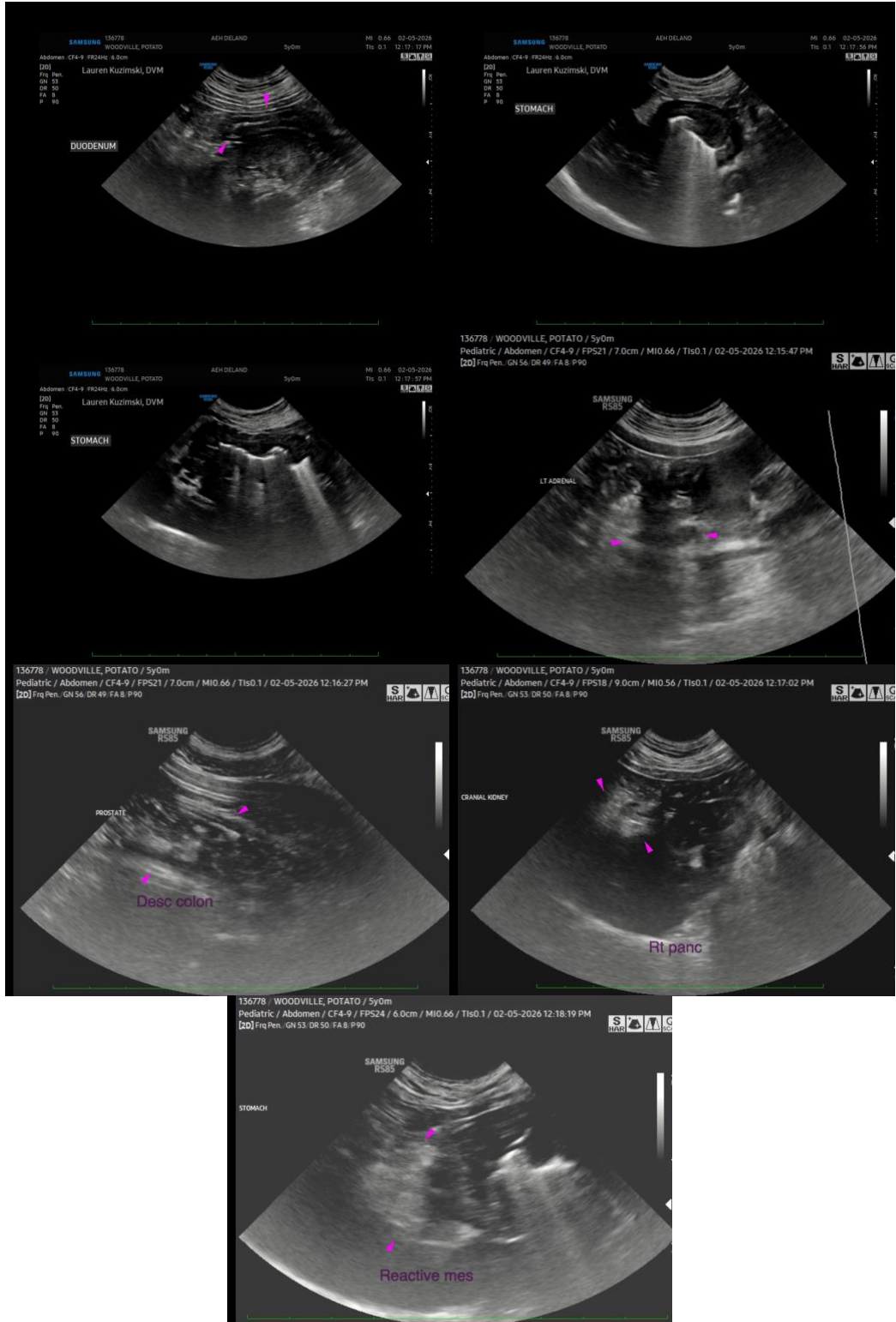
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Potato Woodville

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.

## SPECIES

Canine

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.

## BREED

Fr Bulldog

**Andrea Nicastro**, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)  
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## SEX

Neutered Male

## AGE

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## WEIGHT

14.9

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