



**PATIENT**

Bucky Dimeo

**PRESENTING CLINICAL SIGNS**

History: Patient presents for vomiting and diarrhea; hemorrhagic diarrhea today. Current meds: ondansetron, famotidine (dispensed metronidazole, owners having trouble giving to patient.)

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Pit Bull Mix

The urinary bladder, trigone, and visible pelvic urethra were of normal thickness. The ureters were not visible which is normal. There was normal wall layering with no masses, uroliths or abnormal thickening visualized. Urine was anechoic. No evidence of inflammatory or neoplastic changes were noted.

**SEX**

Neutered male

Visible prostate is normal in size has uniform echotexture with no fluid accumulations, masses or other abnormalities.

**AGE**

2 years

The left kidney was normal in size and structure, with smooth capsule and normal corticomedullary definition and ratio (cortex 1/3 of medulla). Medullary structure differed distinctly from that of the cortex. No evidence of pelvic dilation was present. The left kidney measured 6.3 cm.

Visualization of right kidney was limited but visible size, shape and structures are subjectively normal. Oblique imaging of the kidney makes measurement inaccurate. This is commonly related to breed related anatomical positioning.

**WEIGHT**

70.2 lbs

**Adrenal Glands**

Both adrenal glands were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.2 cm in length and 0.49 cm at the cranial pole and 0.45 cm at the caudal pole. The right adrenal gland measured 1.82 cm in length x 0.38 cm at the cranial pole and 0.54 cm at the caudal pole.

**INTERPRETED BY**

Dr Brittany Sinclair, BVSc(hons), DACVECC

**IMAGING PERFORMED BY**

Kelly Vazquez, CVT

**HOSPITAL NAME**

Westwood Regional  
VH

**Spleen**

The spleen was normal with a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma and smooth capsule, with normal splenic vasculature with no signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarct changes were noted.

**REFERRING VET**

Dr. Cattiny

**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. No pathological hepatic lymphadenopathy observed. Gallbladder is moderately distended with normal wall thickness and anechoic contents. Common bile duct is non-distended and tapers normally

**INVOICE**

43130

**DATE**

3/6/23



**PATIENT**

Bucky Dimeo

**SPECIES**

Canine

**BREED**

Pit Bull Mix

**SEX**

Neutered male

**AGE**

2 years

**WEIGHT**

70.2 lbs

**INTERPRETED BY**

Dr Brittany Sinclair,  
BVSc(hons), DACVECC

**IMAGING PERFORMED BY**

Kelly Vazquez, CVT

**HOSPITAL NAME**

Westwood Regional  
VH

**REFERRING VET**

Dr. Cattiny

**INVOICE**

43130

**DATE**

3/6/23

**Gastrointestinal**

The stomach contains a small volume of ingesta. It measures at a normal thickness of with some variability due to the presence of rugal folds. The distinction of the gastric wall layers is adequate and there is no impression of reduced peristaltic activity. No masses or focal lesions were observed.

The visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. Various loops of bowel are contain non-shadowing ingesta and gas bubbles with no shadowing foreign material visualized. Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

Sections of colon are visualized with gas shadowing distally. No significant fluid distension of colon visualized. There is no observed focal or generalized colon wall thickening or loss of layering.

**Pancreas**

The base and limbs of the pancreas were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour and parenchyma were normal. No overt evidence of active inflammatory or neoplastic disease was noted.

**Lymph Nodes**

No clinically significant lymphadenopathy or abnormalities noted.

**Free Abdomen**

No masses or free fluid were noted.

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

1. Gastroenteritis
2. Normal pancreas

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

GI changes are consistent with nonobstructive gastroenteritis. While the pancreas appeared sonographically normal, pancreatitis cannot be definitively ruled out. Treatment is supportive and involves fluid support, GI support (anti-nausea, appetite stimulant), analgesia and enteral nutrition as needed. Antibiotics are generally not warranted. Serial imaging is indicated if clinical signs are not resolving. Current chem/lytes/CBC, GI panel (TLI/PL/cobalamin/folate), baseline cortisol +/- ACTH stimulation test, fecal pathogen PCR, and empiric broad spectrum deworming and treatment with probiotics should be considered as clinically warranted.



**PATIENT**

Bucky Dimeo

**SPECIES**

Canine

**BREED**

Pit Bull Mix

**SEX**

Neutered male

**AGE**

2 years

**WEIGHT**

70.2 lbs

**INTERPRETED BY**

Dr Brittany Sinclair,  
BVSc(hons), DACVECC

**IMAGING PERFORMED BY**

Kelly Vazquez, CVT

**HOSPITAL NAME**

Westwood Regional  
VH

**REFERRING VET**

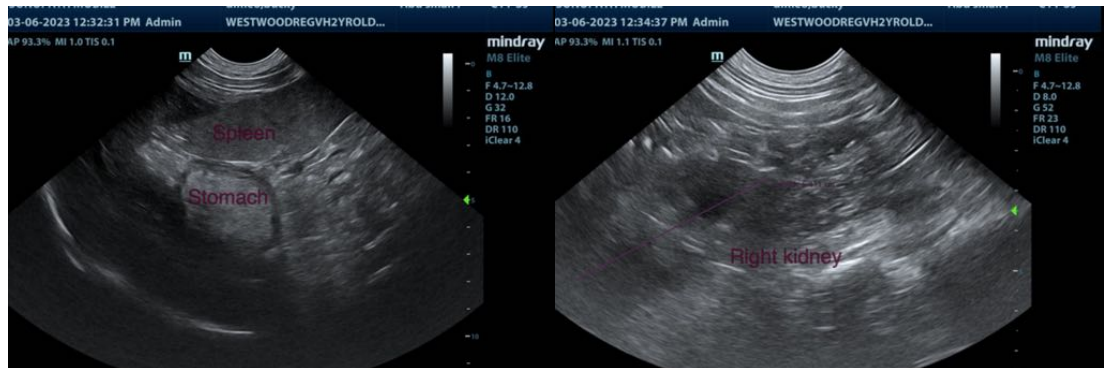
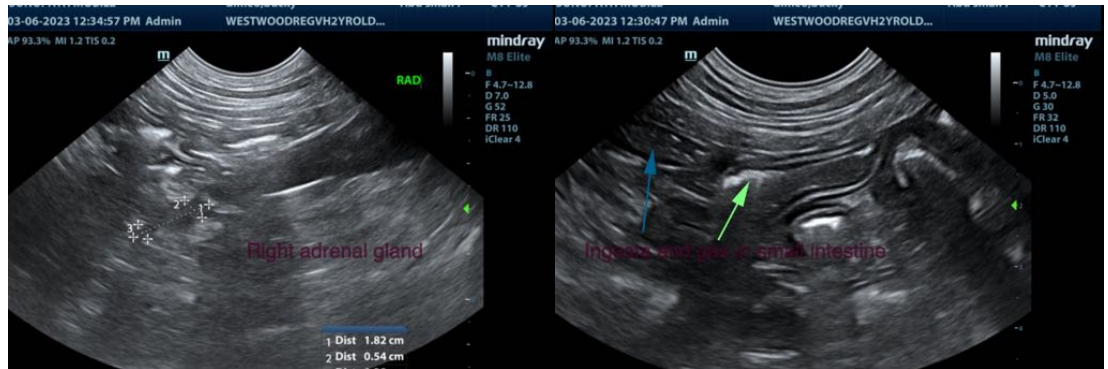
Dr. Cattiny

**INVOICE**

43130

**DATE**

3/6/23





**PATIENT**

Bucky Dimeo

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**

Pit Bull Mix

Dr Brittany Sinclair, BVSc(hons), DACVECC  
info@SonoPath.com

**SEX**

Neutered male

**AGE**

2 years

**WEIGHT**

70.2 lbs

**INTERPRETED BY**

Dr Brittany Sinclair,  
BVSc(hons), DACVECC

**IMAGING  
PERFORMED BY**

Kelly Vazquez, CVT

**HOSPITAL NAME**

Westwood Regional  
VH

**REFERRING VET**

Dr. Cattiny

**INVOICE**

43130

**DATE**

3/6/23