

**PATIENT PRESENTING CLINICAL SIGNS**

Marlee Blanton Voluminous hematemesis and hematochezia (coffee ground looking). pale pink MM, otherwise unremarkable PE

**SPECIES** Complete Blood Count: RBC 5.22 (L), HCT 35.0 (L), HGB 13.0 (L), RETIC 114.3 (H), WBC 16.91 (H), NEU 14.20 (H)  
Canine Chem 17: BUN 33 (H), ALKP 20 (L)

**BREED**

Pitbull

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

*Urinary System*

**SEX**

Female, spayed

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

**AGE**

10/27/2016

The left kidney is normal size (6.37 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**WEIGHT**

31.4 kg.

The right kidney is normal size (8.12 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**INTERPRETED BY**

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

*Adrenal Glands*

The left adrenal gland is normal size (0.53 cm at cranial pole) (0.63 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**IMAGING PERFORMED BY**

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

The right adrenal gland is normal size (1.15 cm at cranial pole) (0.73 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

*Spleen*

**HOSPITAL NAME**

Blue Pearl Summerville

The spleen is normal in size (1.72 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**

Dr. Harris

*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. The gallbladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal.

**INVOICE**

14823

**DATE**

4/19/23



**PATIENT**

***Gastrointestinal***

Marlee Blanton

The gastric lumen is moderately distended with fluid and small fragments of hyperechoic shadowing material. The shadowing material is also seen in the region of the pyloric antrum. The gastric wall is normal in thickness with a normal layering pattern. The pyloric outflow tract is questionably patent. The small intestinal lumen is diffusely fluid distended and hypomotile. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The ileocecolic junction and colonic wall are normal. The colonic lumen is mildly to moderately fluid distended.

**SPECIES**

Canine

**BREED**

Pitbull

***Pancreas***

A portion of the pancreas is obscured by the moderate gastric distention. In the visualized portions, no obvious abnormalities areas are seen.

**SEX**

Female, spayed

***Free Abdomen***

Trace free fluid is observed. A few prominent mesenteric lymph nodes are visualized, the largest measuring 2.97 cm in length. The nodes are normal in shape and echogenicity.

**AGE**

10/27/2016

***Other***

**WEIGHT**

31.4 kg.

A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings:**

- Suspected diffuse gastrointestinal ileus with a lower possibility of a distal small intestinal obstruction. Although the pyloric outflow tract does not appear overtly obstructed at the time of the study, given the shadowing material within the gastric lumen, it is possible that an obstruction could occur in the future.
- Trace ascites.

**IMAGING PERFORMED BY**

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

**Secondary Findings:**

- The lymph node changes are most consistent with reactive lymphadenitis or lymphoid hyperplasia.

**HOSPITAL NAME**

Blue Pearl Summerville

**REFERRING VET**

Dr. Harris

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

14823

- Aggressive symptomatic care for acute hemorrhagic gastroenteritis/colitis is recommended.
- Also consider a resting cortisol level to screen for hypoadrenocorticism.
- If the patient's clinical signs do not improve or deteriorate within the next 12-24 hours, consider a repeat ultrasound to reassess for obstruction.

**DATE**

4/19/23



**PATIENT**

- Three-view thoracic radiographs are also recommended to assess for occult aspiration pneumonia.

Marlee Blanton

**SPECIES**

Canine

**BREED**

Pitbull

**SEX**

Female, spayed

**AGE**

10/27/2016

**WEIGHT**

31.4 kg.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

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

**HOSPITAL NAME**

Blue Pearl Summerville

**REFERRING VET**

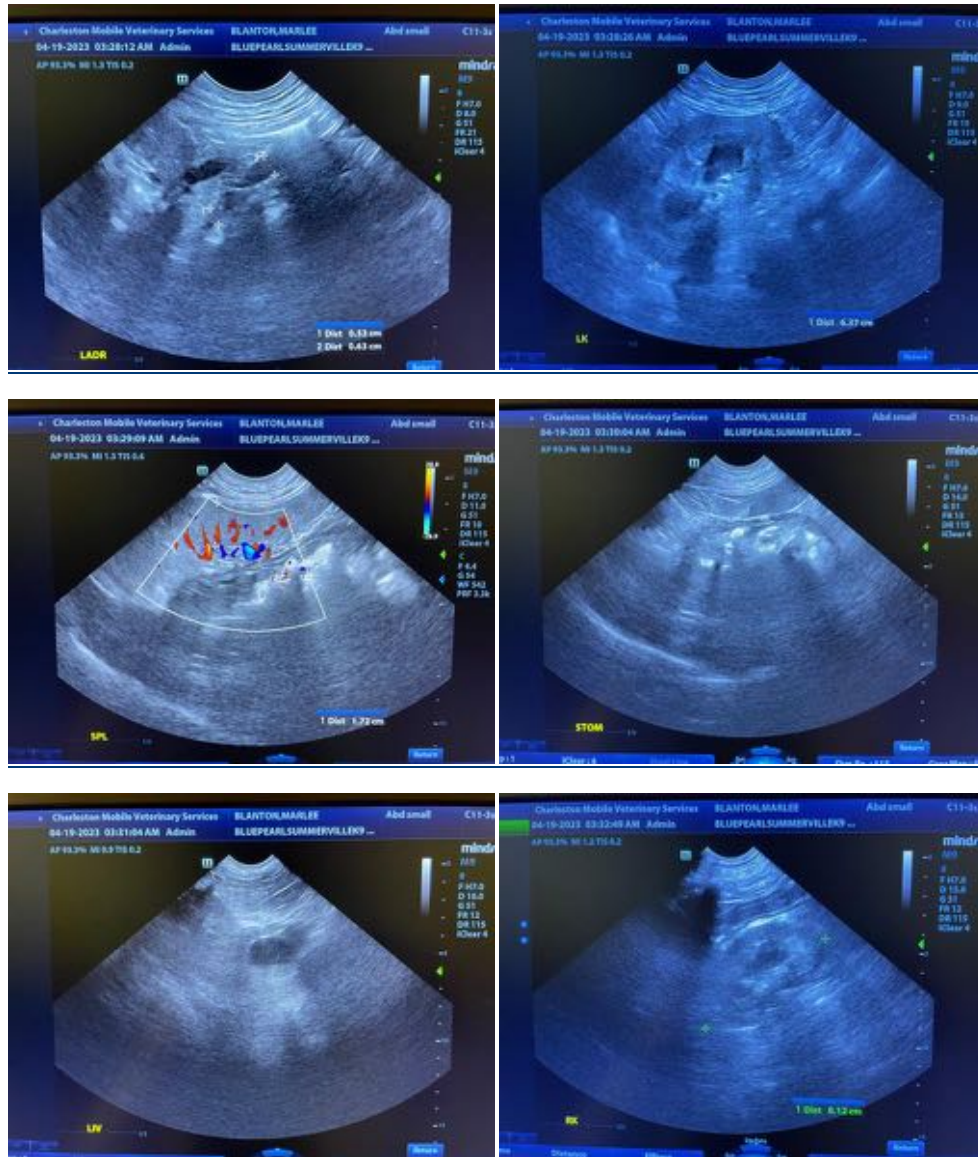
Dr. Harris

**INVOICE**

14823

**DATE**

4/19/23





**PATIENT**

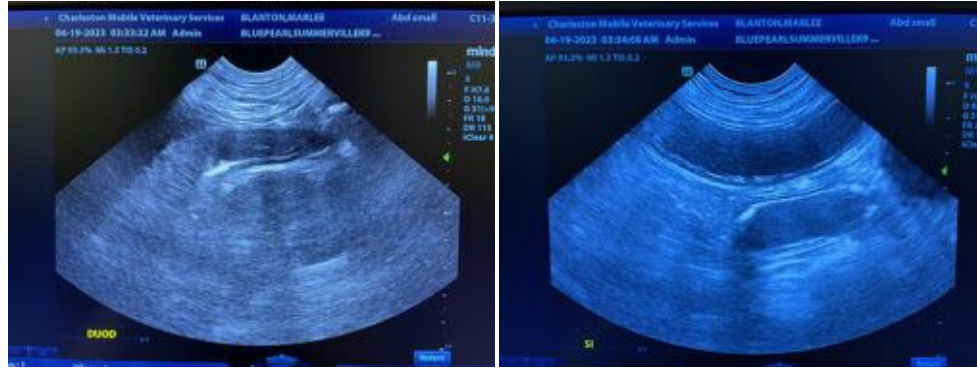
Marlee Blanton

**SPECIES**

Canine

**BREED**

Pitbull



**SEX**

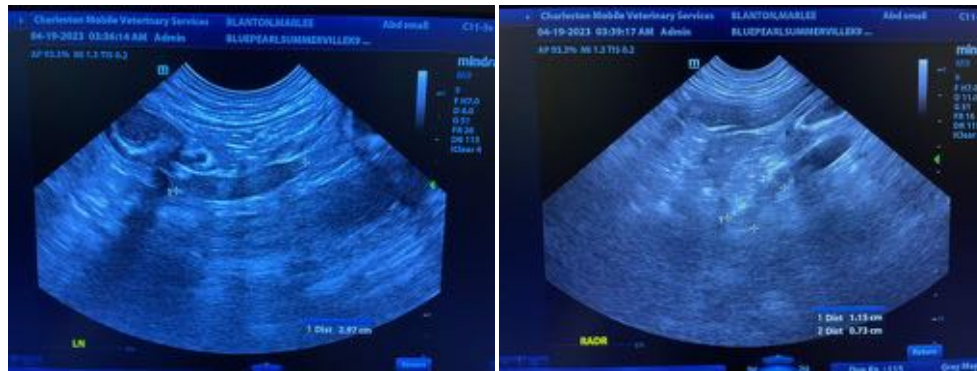
Female, spayed

**AGE**

10/27/2016

**WEIGHT**

31.4 kg.

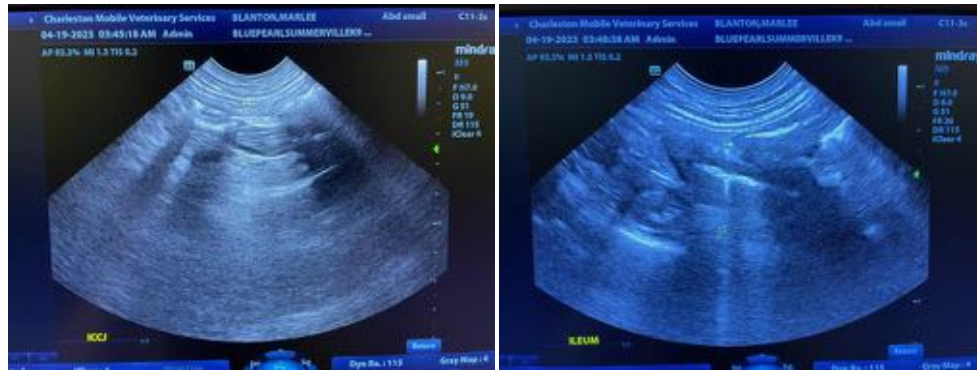


**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

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



**HOSPITAL NAME**

Blue Pearl Summerville

**REFERRING VET**

Dr. Harris

**INVOICE**

14823

**DATE**

4/19/23

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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)  
[info@SonoPath.com](mailto:info@SonoPath.com)