



PATIENT

Maiky Aponte

SPECIES

Canine

BREED

Mixed

SEX

Male Neutered

AGE

9y

WEIGHT

77 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Julissa Diaz, LVT

HOSPITAL NAME

Centro Veterinario del
Norte

REFERRING VET

Ileana Rivera, DVM

INVOICE

12880

DATE

12/3/25

PRESENTING CLINICAL SIGNS

History: Patient presented on Nov. 26, 2025, for evaluation of bloody diarrhea that has been present for over a month. He had episodes of bleeding through anus. On PE, heart and lungs auscultated normal. Abdominal was soft non painful. Pet had couple of sq masses and in mass in inguinal region to the left side. Bloodwork was performed at the time, mild hyperglobulinemia and anemia but rest of values were in normal ranges. Discussed that pet was positive to heartworm but that's not likely to be the reason for diarrhea. At the time, pet was treated with metronidazole, proviable, sucralfate and fenbendazole but unfortunately there was no significant improvement with the medications. Pet presented on December 3 for recheck and abdominal u/s. Pet lost 2 pounds during this past week; per owner he is eating but not as usual. Concerned about neoplasia, IBD, open. The mass lateral to prepuce was aspirated and content was fatty, most likely a lipoma.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

No obvious pathology in the area of the residual prostate.

Normal size and margination was 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 7.0 cm in length. The right kidney measured 7.0 cm in length.

Adrenal Glands

The left adrenal gland was indistinctly visualized exhibiting overtly normal size, position and shape subjectively measuring 0.58 cm width in the caudal pole. The right adrenal gland was not definitively visualized.

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

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. 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.



PATIENT

Maiky Aponte

SPECIES

Canine

BREED

Mixed

SEX

Male Neutered

AGE

9y

WEIGHT

77 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Julissa Diaz, LVT

HOSPITAL NAME

Centro Veterinario del
Norte

REFERRING VET

Ileana Rivera, DVM

INVOICE

12880

DATE

12/3/25

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild, variably echogenic, non-shadowing ingesta without signs of obstruction or foreign material.

The small intestine presented primarily intact wall layering with maintained 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty. A segment of the mid abdomen intestine consistent with jejunal location exhibited thickened intact wall layering and mild distention with retained, variably echogenic, non-shadowing ingesta and gas. Normal appearing small intestine wall measured 0.42 cm width. Thickened mid abdomen jejunum measured 0.75 cm width.

The colon was non-distended in size with generalized thickened intact colon wall containing soft fecal matter. Colon wall measured 0.47 cm.

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

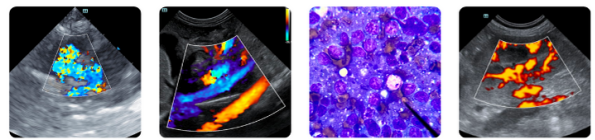
Focal, mildly prominent to enlarged medial iliac node was present. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph node measured 1.9 cm in diameter. No evidence of peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Intact generalized thickened colon wall with soft fecal matter
- Non-shadowing gastric ingesta
- Intact segmentally thickened mid abdomen jejunum exhibiting retained non-shadowing ingesta and segmental gas distention

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The generalized intact thickened colon and segmentally thickened jejunum may indicate inflammatory, infectious or neoplastic etiologies. No obvious evidence of mechanical small intestinal obstructive pattern. Definitive diagnosis would require enterocolic biopsies for histopathology. Minor potential for non-shadowing to potential fluid absorbing segmental jejunal foreign material thought less likely yet not definitively excluded. Gastrointestinal support, empirical therapy for colitis with clinical and sonographic monitoring may be considered. However, if persistent or progressive clinical signs and thickened small intestine, colon laparotomy with gross inspection, biopsies or potential for resection anastomosis of pathological intestine may be indicated.



PATIENT

Maiky Aponte

SPECIES

Canine

BREED

Mixed

SEX

Male Neutered

AGE

9y

WEIGHT

77 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Julissa Diaz, LVT

HOSPITAL NAME

Centro Veterinario del Norte

REFERRING VET

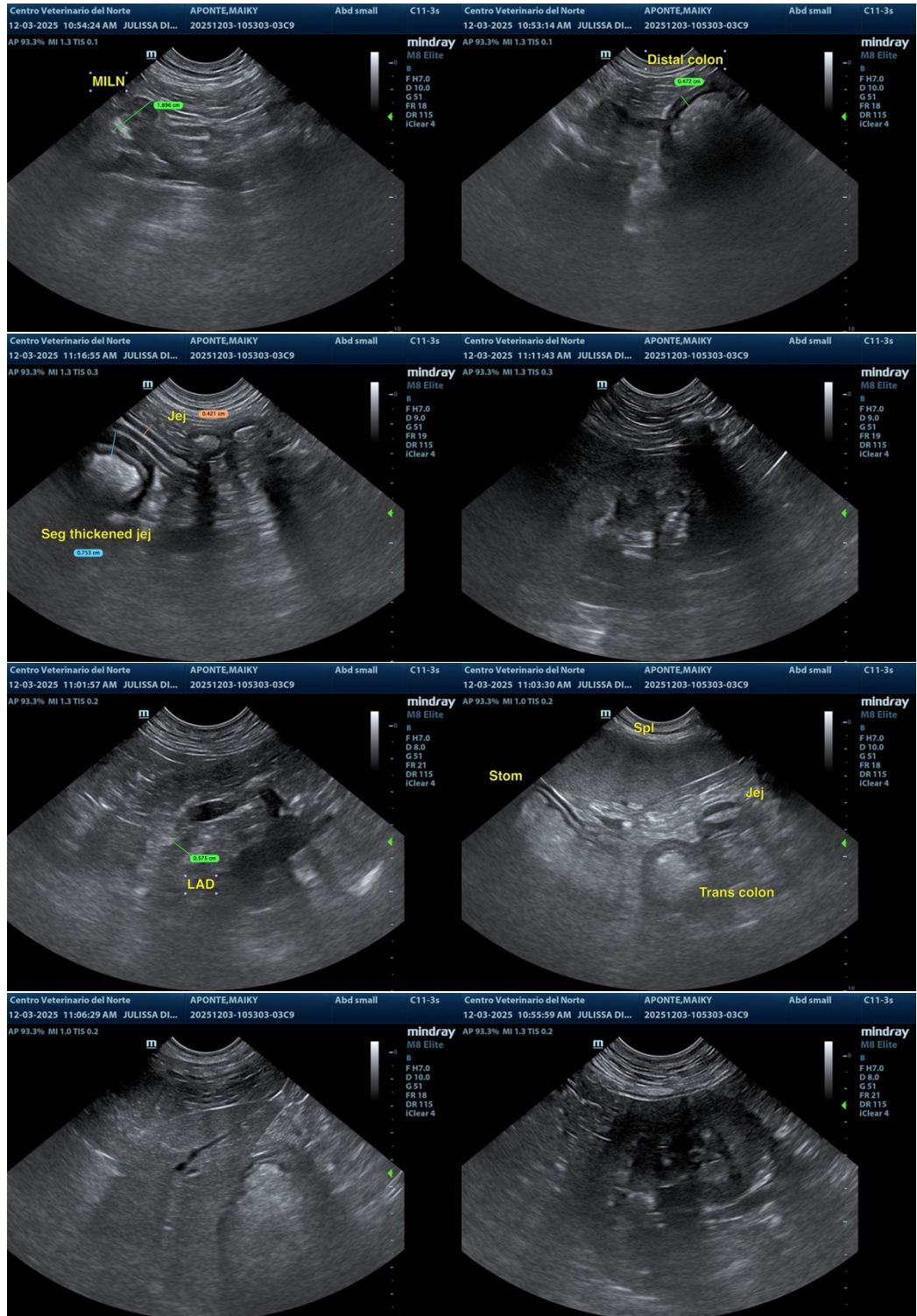
Ileana Rivera, DVM

INVOICE

12880

DATE

12/3/25





PATIENT

Maiky Aponte

SPECIES

Canine

BREED

Mixed

SEX

Male Neutered

AGE

9y

WEIGHT

77 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Julissa Diaz, LVT

HOSPITAL NAME

Centro Veterinario del
Norte

REFERRING VET

Ileana Rivera, DVM

INVOICE

12880

DATE

12/3/25

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