



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Julia Cidre
SPECIES Canine
BREED Pit Bull Mix
SEX Spayed Female
AGE 8 Years
WEIGHT 57 Pounds

History: Presented for 2–3-week history of inconsistent appetite, and recently became hypoactive. Enlarged lymph nodes noted 2 days ago. On PE dog is mildly weak, MM are pale pink but hydrated. Has had mild weight loss, mandibular, prescapular and popliteal LN are enlarged. Had two episodes of vomiting this morning.

Abnormal PE/Chem/CBC/UA Results: CBC: moderate anemia, no reticulocytosis, reticulocyte-hemoglobin elevated, neutropenia, monocytosis, lymphocytosis, thrombocytopenia, Chem: elevated globulin and protein, ALP 1,236 4dx: all negative Mandibular(L) and prescapular LN (R) were aspirated and reported as probable lymphoma; plasma cell expansion suggestive of concurrent reactivity.

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.

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 6.0 cm in length. The right kidney measured 6.9 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.49 cm width at the caudal pole.

The right adrenal gland was not definitively visualized.

Spleen

The spleen was enlarged with primarily maintained symmetrical capsule contour. Generalized uniform yet decreased splenic parenchyma was noted. A solitary subtly expansive isoechoic nodule was present in the mid medial spleen with minor associated medial capsule distortion, measuring 1.7 cm in diameter. Splenic vascularity was normal. No overt masses were noted.

Liver

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non-distended in size with mild congealed yet nonorganized mildly hyperechoic gallbladder debris. The cystic duct and common bile ducts were normal without evidence of dilation.

Gastrointestinal

INTERPRETED BY

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

IMAGING PERFORMED BY

Julissa Diaz

HOSPITAL NAME

Centro Veterinario Del Norte

REFERRING VET

Dr. Gabriela Cidre

INVOICE

16067

DATE

6/14/22



PATIENT

Julia Cidre

The stomach presented intact wall layering with a normal wall layer ratio. The visualized gastric walls were sonographically normal. No evidence of mechanical pyloric outflow obstruction. The lumen of the stomach contained mild to moderate retained ingesta/chyme.

SPECIES

Canine

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 ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

BREED

Pancreas

Pit Bull Mix

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.

SEX

Spayed Female

Free Abdomen

A solitary mildly enlarged to hypoechoic medial iliac lymph node, measuring 2.0 cm x 0.8 cm, was present adjacent to the iliac trifurcation.

AGE

8 Years

No omental masses, overt or significant lymphadenopathy or evidence of peritoneal free fluid noted.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

57 Pounds

- Splenomegaly, exhibiting generalized parenchyma hypoechoogenicity with a solitary isoechoic, mildly expansive nodule
- Mild hepatomegaly
- Mild congealed gallbladder debris (non-mucocele)
- Overtly normal gastrointestinal tract with retained gastric ingesta/chyme
- A solitary mildly prominent hypoechoic medial iliac lymph node

INTERPRETED BY

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

IMAGING PERFORMED BY

Julissa Diaz

HOSPITAL NAME

Centro Veterinario Del Norte

REFERRING VET

Dr. Gabriela Cidre

INVOICE

16067

DATE

6/14/22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although sampling is required for further assessment, yet in light of patient history and lymph node cytology, concern for splenic/hepatosplenic round cell neoplasia is of primary concern. Assuming normal clotting status and using a 25-gauge needle, hepatosplenic FNA is recommended for screening cytology and potential for oncology consult. The hepatic presentation could also indicate benign etiologies, such as vacuolar hepatopathy and/or nonobstructive cholestasis. Pending cytology, hepatosupportive medications, including Denamarin and ursodiol may prove beneficial.

The presence of gastric ingesta is nonspecific and likely indicates post-prandial presentation. Correlation with most recent meal ingestion is recommended. If documented NPO prior to the ultrasound, the presence of gastric ingesta may indicate some degree of gastric hypomotility or metabolic stasis. The sonographic presentation of the ingesta was most consistent with food, without evidence of foreign material. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

Sonographic monitoring of the medial iliac lymph node, as well as additional intraabdominal lymphadenopathy is recommended.



PATIENT

Julia Cidre

SPECIES

Canine

BREED

Pit Bull Mix

SEX

Spayed Female

AGE

8 Years

WEIGHT

57 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Julissa Diaz

HOSPITAL NAME

Centro Veterinario Del Norte

REFERRING VET

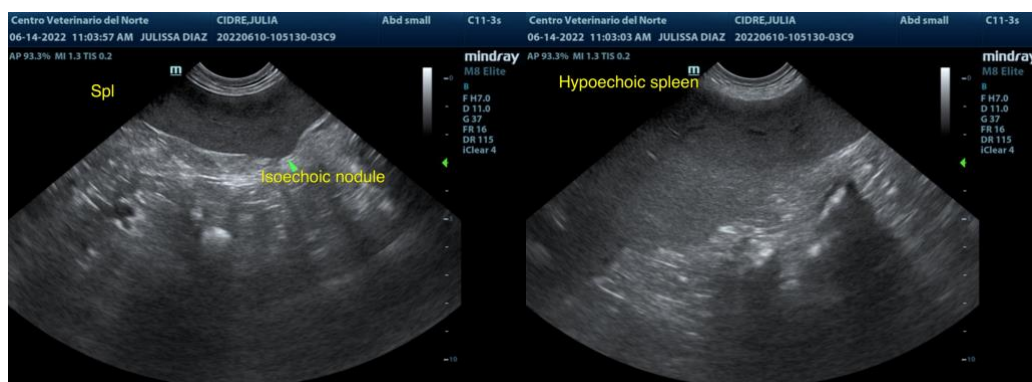
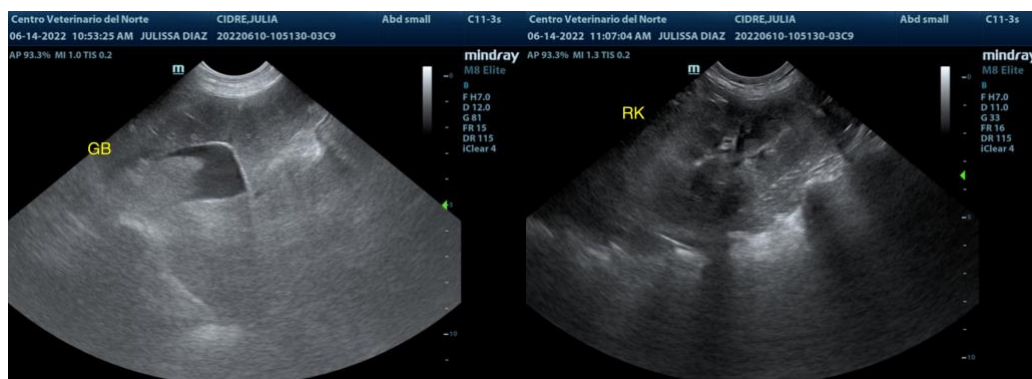
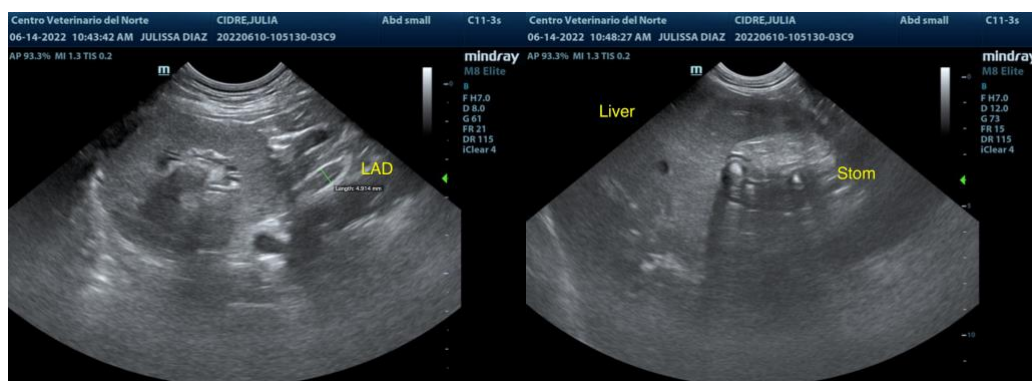
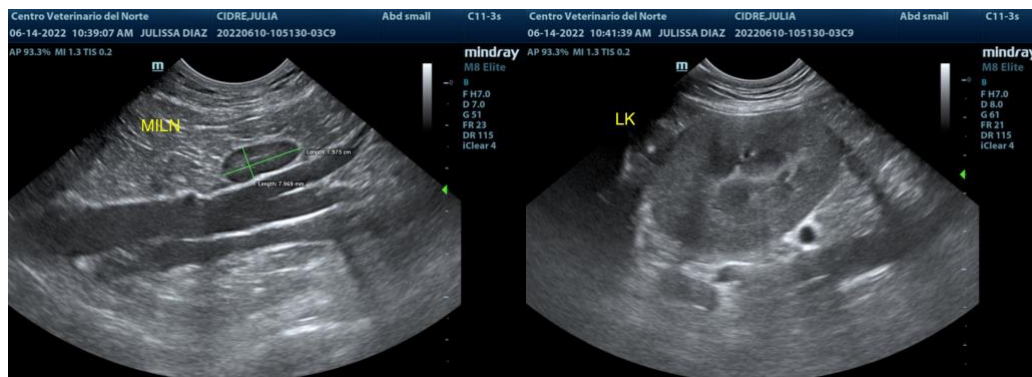
Dr. Gabriela Cidre

INVOICE

16067

DATE

6/14/22





PATIENT

Julia CIDRE

SPECIES

Canine

BREED

Pit Bull Mix

SEX

Spayed Female

AGE

8 Years

WEIGHT

57 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Julissa Diaz

HOSPITAL NAME

Centro Veterinario Del
Norte

REFERRING VET

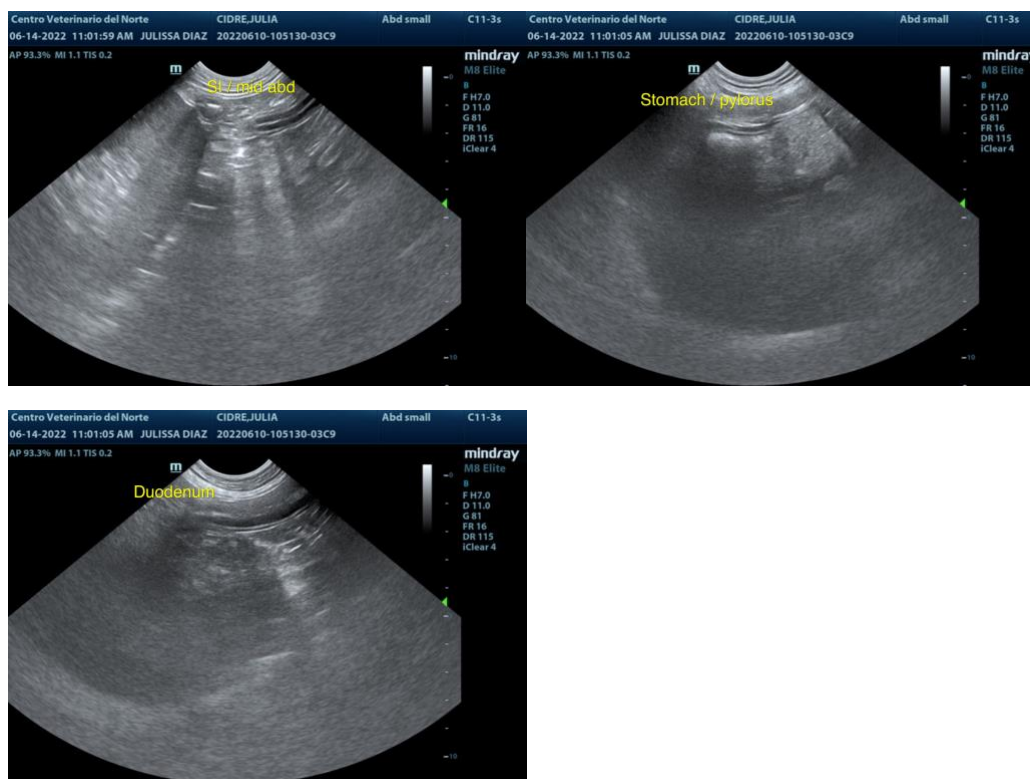
Dr. Gabriela CIDRE

INVOICE

16067

DATE

6/14/22



The information and recommendations provided are based on the images presented by the referring veterinarian. 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