



PATIENT

Abby Pereira

SPECIES

Canine

BREED

Lab Mix

SEX

FS

AGE

13 years

WEIGHT

59.3 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Chloe Lowe, CVT

HOSPITAL NAME

Brodheads ville
Veterinary Clinic

REFERRING VET

Dr. Bergquist

INVOICE

10886

DATE

5/19/26

PRESENTING CLINICAL SIGNS

Abdominal mass effect on radiographs. Potbelly appearance, discomfort on abdominal palpation. Adequann, librela. Abnormal PE/Chem/CBC/UA Results: Pending

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.

The area of the iliac trifurcation was free of pathology.

Normal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Loss of corticomedullary distinction was also present. The left kidney measured 6.5 cm in length. The right kidney measured 6.5 cm in length. Intermittent small cortical cysts were present. Mild bilateral pyelectasia was noted.

Adrenal Glands

The bilateral adrenal glands were asymmetrically enlarged in size with nonhomogeneous, nonmineralized parenchyma. The left adrenal gland measured 2.4 cm length x 0.89 cm width at the cranial pole and 0.94 cm width at the caudal pole. The right adrenal gland measured 2.9 cm length x 1.2 cm width at the cranial pole and 0.84 cm width at the caudal pole.

Spleen

A moderate to irregularly expansive, nonhomogeneous, hypoechoic to nodular mass involving the subjective mid-caudolateral spleen with secondary asymmetrical capsule distortion was present and measured ~6.5 cm x 5.3 cm. The parenchyma of the mass was heterogeneous to mixed echogenic without areas of cavitation. The remainder of the spleen exhibited mild heterogeneous parenchyma with subjective overall generalized mild splenomegaly.

Liver/ Gallbladder

The liver was subjectively mildly enlarged in size with normal contour. The liver parenchyma was mild / moderate nonuniform and hypoechoic to the spleen with a mild/ moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. A solitary, well-demarcated, hyperechoic ventrocaudal liver nodule was present, measuring 0.72 cm in diameter. The gallbladder was non-distended in size containing primarily anechoic content with mild to moderate, nonorganized gallbladder debris. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild, nonshadowing ingesta, consistent with food echogenicity without signs of obstruction or foreign material.



PATIENT

Abby Pereira

SPECIES

Canine

BREED

Lab Mix

SEX

FS

AGE

13 years

WEIGHT

59.3 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Chloe Lowe, CVT

HOSPITAL NAME

Brodheads ville
Veterinary Clinic

REFERRING VET

Dr. Bergquist

INVOICE

10886

DATE

5/19/26

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 formed feces in lumen.

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 were evident.

Free Abdomen

Peri splenic hyperechoic omentum was present with possible hypoechoic to swollen peri splenic omental lymphadenopathy vs. mass extension. The possible lymph node measured 2.8 cm diameter. No obvious effusion was noted.

Rapid and subjective cardiac assessment revealed no overt cardiac tumors or pericardial effusion in the visible window.

ULTRASONOGRAPHIC FINDINGS

- Splenic mass
- Regional peri splenic hyperechoic omentum and possible hypoechoic swollen peri splenic lymphadenopathy
- Mildly enlarged nonhomogeneous liver with well-demarcated hyperechoic nodule
- Nonorganized gallbladder debris (non mucocele)
- Chronic renal changes
- Bilateral mild adrenomegaly

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although histopathology is required for definitive diagnosis, the splenic mass is most suggestive of neoplasia such as sarcoma or other. Benign pathologies are possible yet considered less likely. Concern for regional peri splenic omental lymphatic metastasis is indicated, although non-obvious mass extension resembling a lymph node is possible.

The hyperechoic liver nodule suggests incidental benign criteria such as nodular hyperplasia, or lipogranuloma. Micrometastasis or non-sonographically evident additional metastasis are not definitively excluded.

Assuming no evidence of pathology on three view chest radiographs, laparotomy with splenectomy, gross inspection of the peri-splenic omentum with potential lymph node resection if confirmed, +/- hepatic biopsies if normal clotting status may be considered. Correlation with full lab work is recommended.

Concurrent adrenal workup is warranted if clinical signs consistent with Cushing's Syndrome are present.



PATIENT

Abby Pereira

SPECIES

Canine

BREED

Lab Mix

SEX

FS

AGE

13 years

WEIGHT

59.3 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Chloe Lowe, CVT

HOSPITAL NAME

Brodheads ville
 Veterinary Clinic

REFERRING VET

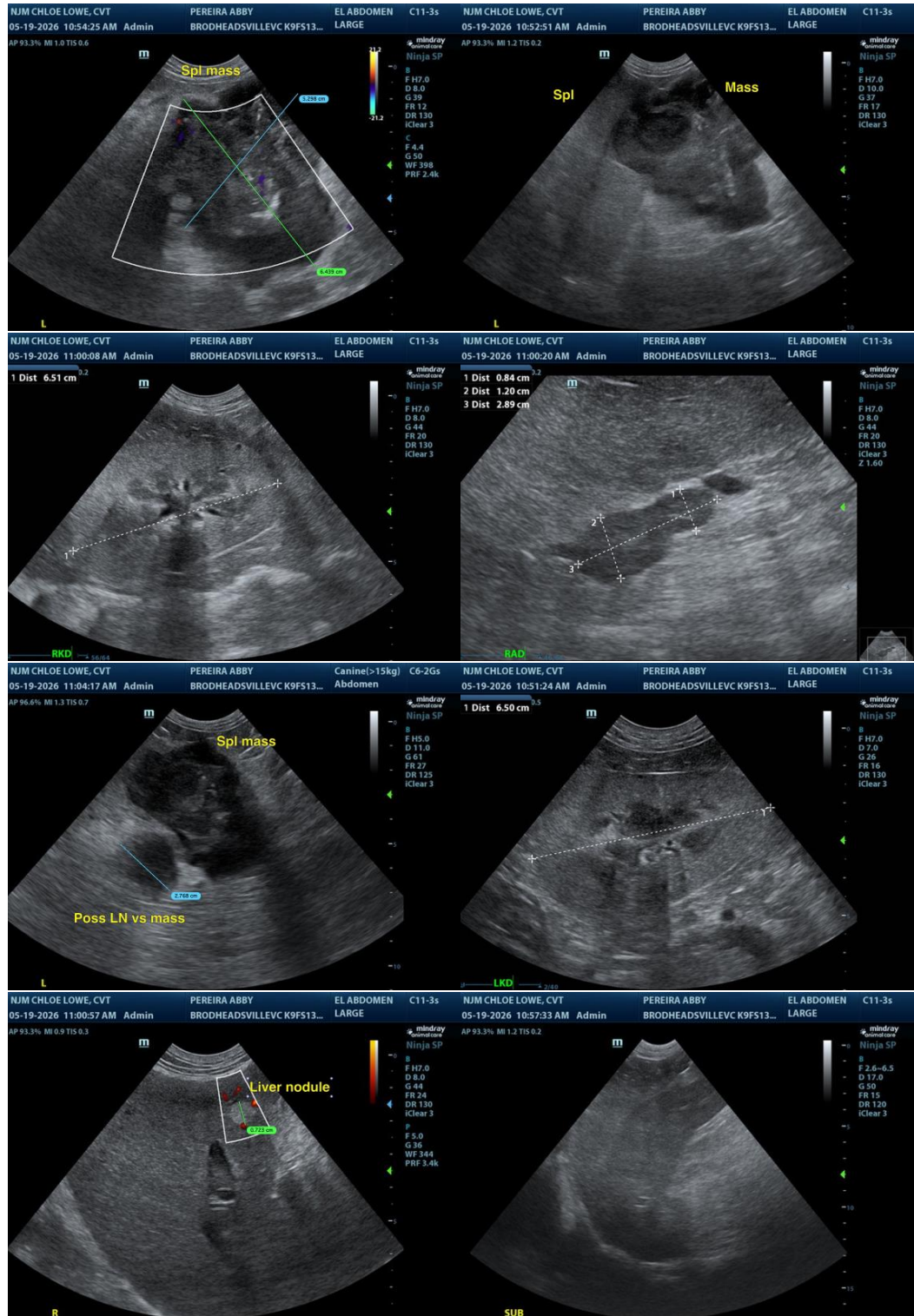
Dr. Bergquist

INVOICE

10886

DATE

5/19/26





PATIENT

Abby Pereira

SPECIES

Canine

BREED

Lab Mix

SEX

FS

AGE

13 years

WEIGHT

59.3 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Chloe Lowe, CVT

HOSPITAL NAME

Brodheads ville
 Veterinary Clinic

REFERRING VET

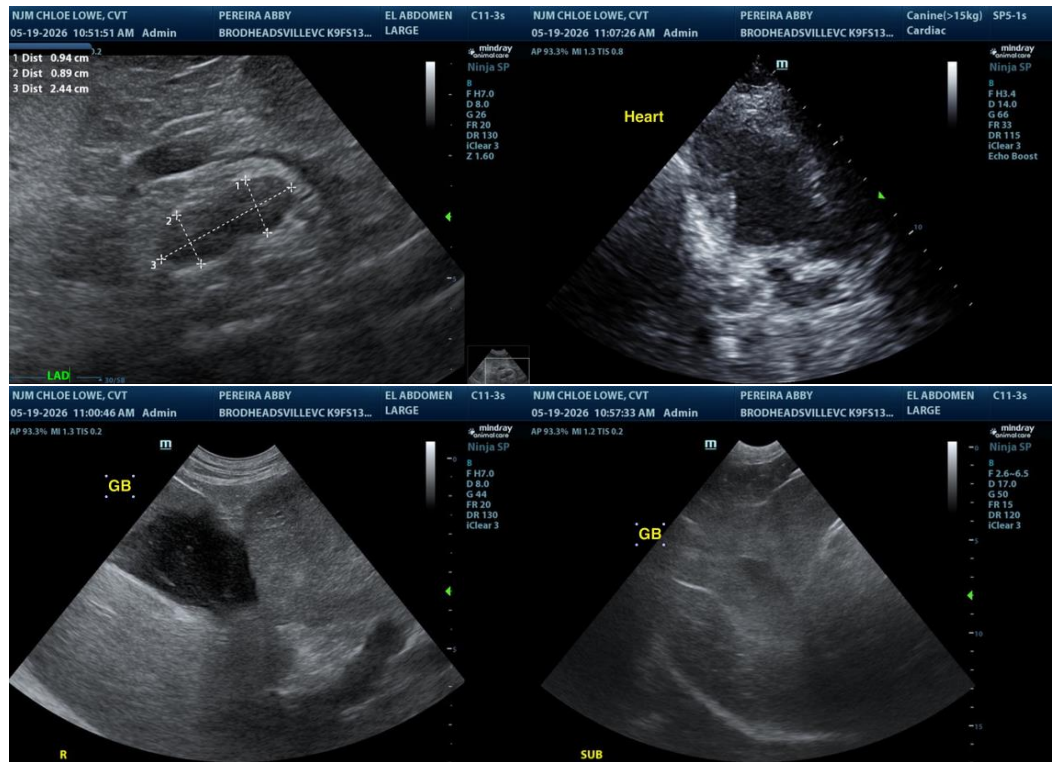
Dr. Bergquist

INVOICE

10886

DATE

5/19/26



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