



PATIENT

Diego Edwards

SPECIES

Canine

BREED

Pit Bull Mix

SEX

MN

AGE

9 years 11 months

WEIGHT

70.2 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

VCA Westmoreland
A L L

REFERRING VET

Dr. Sullivan

INVOICE

13684

DATE

4/20/22

PRESENTING CLINICAL SIGNS

PE Findings on 09/27/21-- Thoracic mass 4-6mm in diameter - muscle atrophy of head - tense ABD PE Findings 4/19/22-- Suspected splenic mass - visible cavitated ABD mass seen on brief in house ultrasound - temporalis muscle atrophy - fluid wave - lethargy

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 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 was noted.

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 1.2 cm in diameter.

The area of the aortic trifurcation was free of pathology.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and minor loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.6 cm in length. The right kidney measured 7.5 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 2.3 cm length x 0.54 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 3.3 cm length x 0.72 cm width at the caudal pole.

Spleen

A moderately expansive, primarily spherical mass subjectively involving and arising from the mid to caudolateral spleen with secondary asymmetrical capsule expansion and disruption was present, measuring 7.0-8.0 cm. The parenchyma of the mass was mixed echogenic to cavitated. Potential extension of the mass into the perisplenic mesentery is possible although not definitive. This could also indicate regional perisplenic hemorrhage or possible blood clot, as indicated by mild perisplenic free fluid. The non-affected spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Regional perisplenic hyperechoic mesentery was present.



PATIENT

Diego Edwards

SPECIES

Canine

BREED

Pit Bull Mix

SEX

MN

AGE

9 years 11 months

WEIGHT

70.2 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Jenna Walsh, CVT

HOSPITAL NAME

VCA Westmoreland
A L L

REFERRING VET

Dr. Sullivan

INVOICE

13684

DATE

4/20/22

Liver/ Gallbladder

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 with mild gallbladder debris. The gallbladder was otherwise normal. 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 was empty with no signs of ileus, obstruction, or foreign material.

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 to shadowing 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

No overt lymphadenopathy was present.

Rapid view of the heart (SDEP 3 position) revealed subjectively normal function without overt pathology including no overt effusion associated in the area of the right atrium or pericardium. Subjective normal cardiac structure and function was noted.

ULTRASONOGRAPHIC FINDINGS

- Expansive, mixed echogenic to cavitated splenic mass
- Associated perisplenic hyperechoic mesentery and mild free fluid
- Overtly normal liver
- Mild age-related renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The confirmed splenic mass is nonspecific with multiple etiologies including hyperplasia, hematopoiesis, trauma, hematoma, with neoplasia such as sarcoma, round cell neoplasia, or other favored. The possibility of potential perisplenic omental seeding cannot be excluded, although the sonographic appearance of the perisplenic omentum and scant free fluid may indicate regional perisplenic hemorrhage or potential blood clot. Overt evidence of major organ metastasis including cardiac metastasis was not overtly evident.



PATIENT

Diego Edwards

SPECIES

Canine

BREED

Pit Bull Mix

SEX

MN

AGE

9 years 11 months

WEIGHT

70.2 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

VCA Westmoreland
A L I

REFERRING VET

Dr. Sullivan

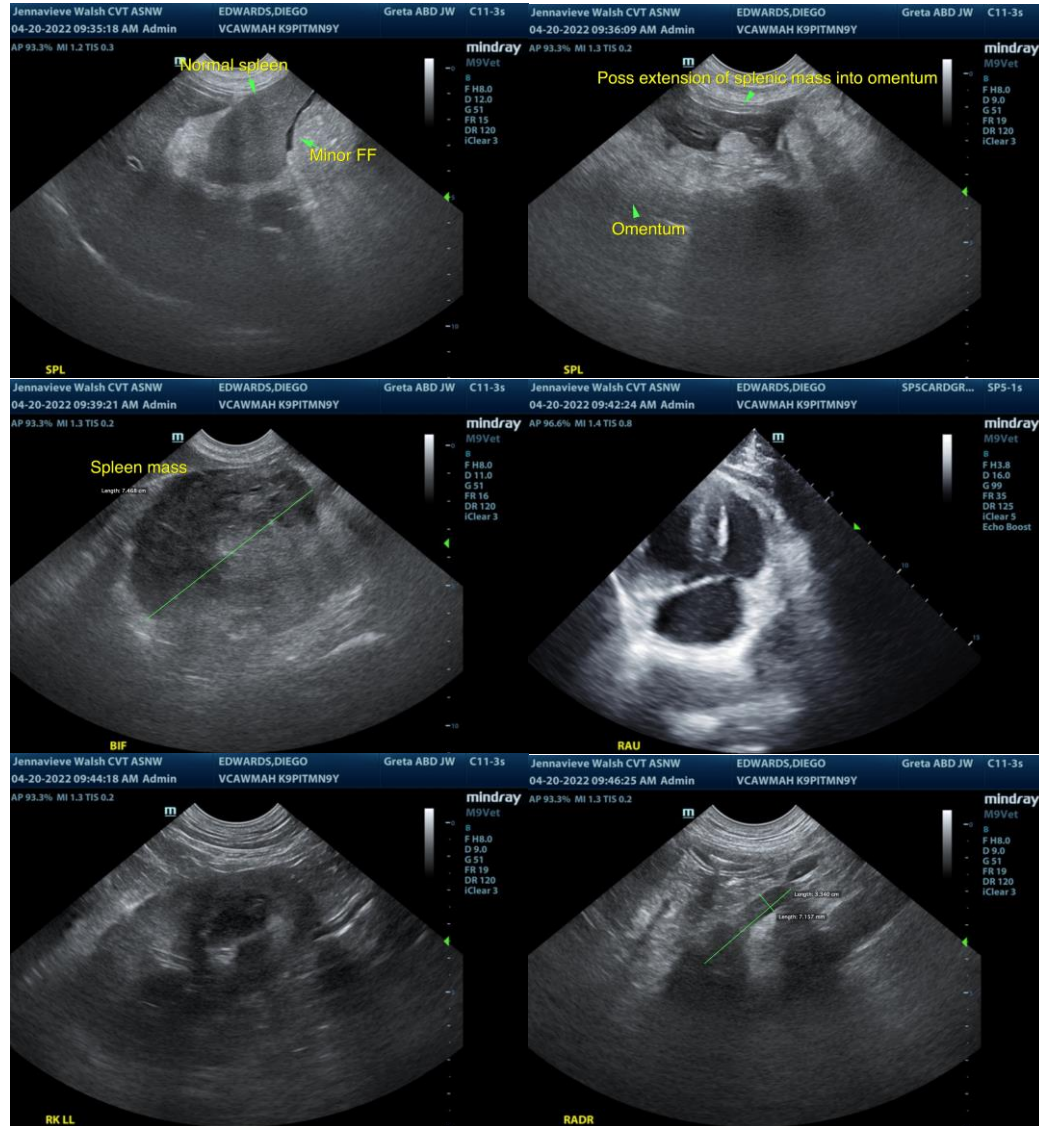
INVOICE

13684

DATE

4/20/22

If no evidence of thoracic pathology or metastasis on three view chest radiographs, laparotomy with expectation towards splenectomy with gross inspection of the perisplenic omentum and liver would be warranted. A guarded prognosis pending splenic histopathology.





PATIENT

Diego Edwards

SPECIES

Canine

BREED

Pit Bull Mix

SEX

MN

AGE

9 years 11 months

WEIGHT

70.2 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

VCA Westmoreland
ALL

REFERRING VET

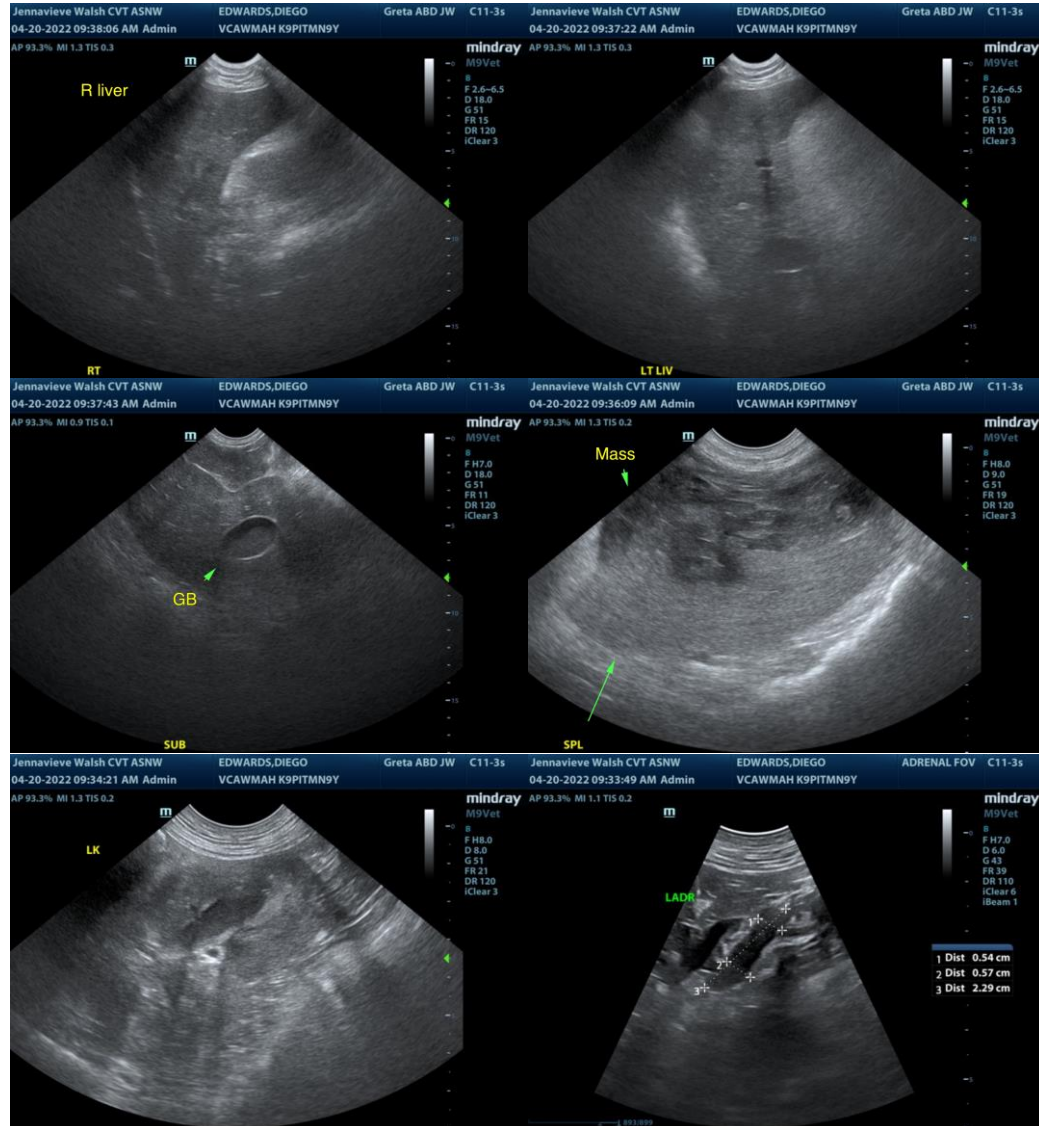
Dr. Sullivan

INVOICE

13684

DATE

4/20/22



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