



PATIENT

Aries Richter

SPECIES

Canine

BREED

American Staffordshire
Terrier

SEX

Neutered Male

AGE

8 Years 5 Months

WEIGHT

79 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Amanda Crook – SDEP
Certified Clinical
Sonographer

HOSPITAL NAME

Rivers Edge PMC

REFERRING VET

Dr. David Gray

INVOICE

45510

DATE

2/26/23

PRESENTING CLINICAL SIGNS

P presented today for painful/hard abdomen, lethargy and anorexia.

Abnormal PE/Chem/CBC/UA Results: Labwork attached - CBC Retic 125.6, Neu 12.66, Eos 0.00; Chem Gluc 149, Amyl 420, rest WNL Radiographs attached - suspect splenic mass

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 residual prostate was symmetrically normal in size (1.5 cm in width) with uniform parenchyma and slight coarse echotexture.

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 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 7.4 cm. The right kidney measured 7.0 cm.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.5 cm length x 0.63 cm at the caudal pole. The right adrenal gland measured 1.7 cm length x 0.55 cm at the caudal pole.

Spleen

The discernable spleen exhibited mild parenchymal heterogeneity and areas of minor capsule asymmetry.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. Mild gastric ingesta present, sonographically consistent with likely food and mild luminal gas.

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.



PATIENT

Pancreas

Aries Richter

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.

SPECIES

Canine

Free Abdomen

BREED

American Staffordshire Terrier

A moderately sized, mildly irregular subjective solid, non-homogeneous mass noted in the mid abdomen, exhibiting similar echogenicity to the adjacent spleen with subjective caudal splenic effacement. The mass measured 8-9 cm in diameter.

SEX

Neutered Male

Mild volume peritoneal free fluid noted. Generalized normal omental echogenicity. No overt or significant lymphadenopathy.

AGE

8 Years 5 Months

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

WEIGHT

79 Pounds

ULTRASONOGRAPHIC FINDINGS

- Mid abdominal mass – Most likely consistent with splenic origin, given similar echogenicity compared to discernable spleen. Minor potential for non-splenic origin. Neoplastic criteria (i.e., sarcoma or other) is favored, with benign etiologies (i.e., hyperplasia, hematopoiesis, granuloma, etc.) possible yet thought less likely.
- Mild hepatic parenchymal remodeling
- Peritoneal effusion – consistent with reported hemoabdomen.
- Mild gastric ingesta

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Confirmed intraabdominal mass, most suggestive of splenic origin. The mass did not appear to involve the liver, bilateral kidneys, adrenal glands, or overtly the gastrointestinal tract. Assuming no evidence of pathology on 3-view chest radiographs, laparotomy with gross inspection of the mass with expectation toward splenectomy would be warranted.

IMAGING PERFORMED BY

Amanda Crook – SDEP
Certified Clinical Sonographer

HOSPITAL NAME

Rivers Edge PMC

REFERRING VET

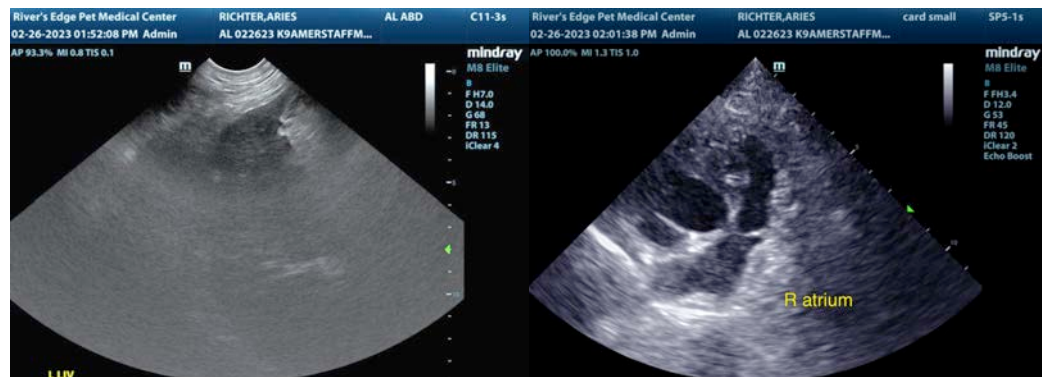
Dr. David Gray

INVOICE

45510

DATE

2/26/23





PATIENT

Aries Richter

SPECIES

Canine

BREED

American Staffordshire Terrier

SEX

Neutered Male

AGE

8 Years 5 Months

WEIGHT

79 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Amanda Crook - SDEP
Certified Clinical
Sonographer

HOSPITAL NAME

Rivers Edge PMC

REFERRING VET

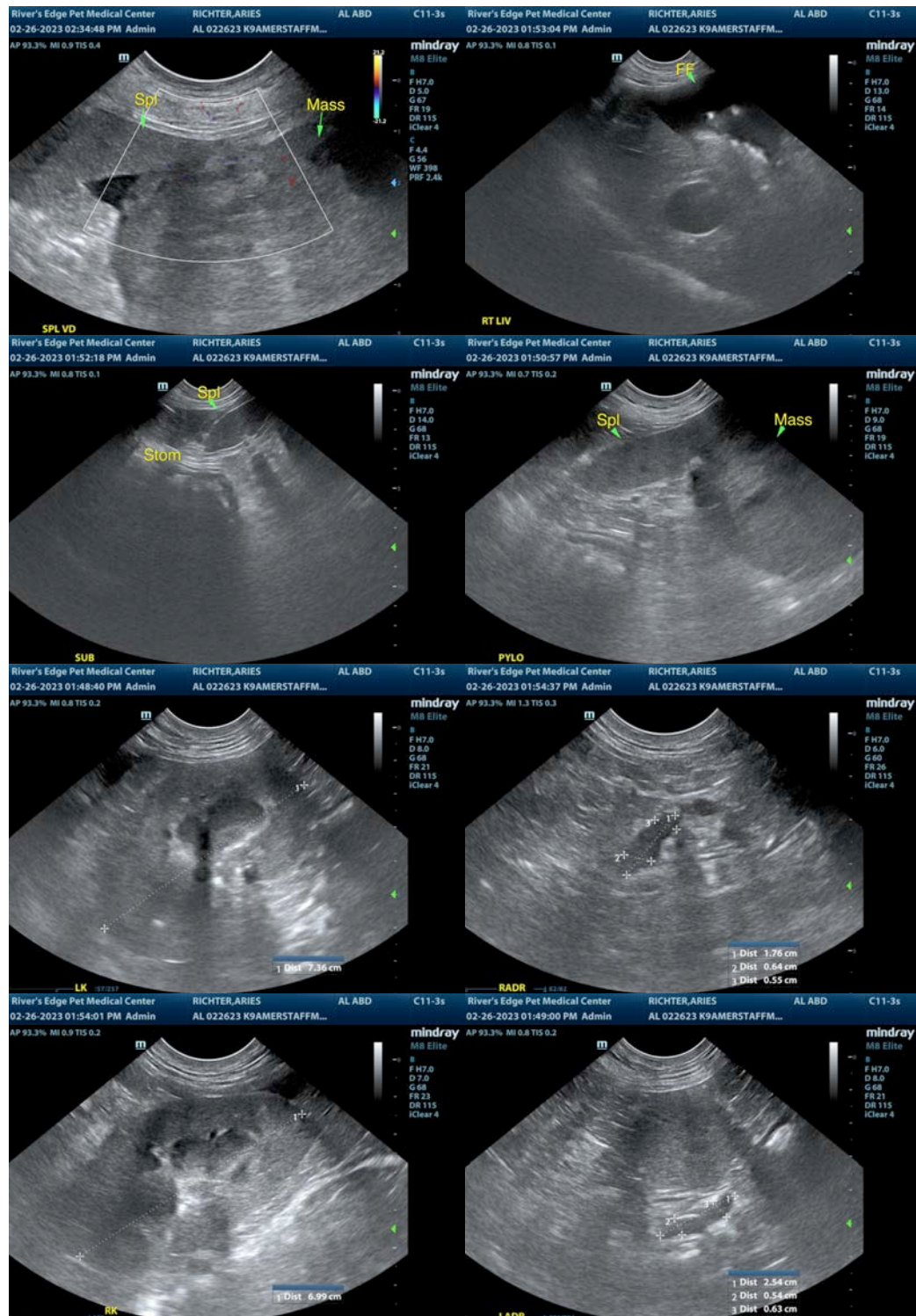
Dr. David Gray

INVOICE

45510

DATE

2/26/23





PATIENT

Aries Richter

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.

SPECIES

Canine

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.

BREED

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com

American Staffordshire
Terrier

SEX

Neutered Male

AGE

8 Years 5 Months

WEIGHT

79 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Amanda Crook – SDEP
Certified Clinical
Sonographer

HOSPITAL NAME

Rivers Edge PMC

REFERRING VET

Dr. David Gray

INVOICE

45510

DATE

2/26/23