



**PATIENT**

Goo Roo Damant

**PRESENTING CLINICAL SIGNS**

Cranial mid abdominal mass on the area of the head of the spleen and also the are of the kidney.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder was mildly subnormal in size owing to lack of urine distention. The trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 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.

**BREED**

Whippet

**SEX**

FS

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 6.3 cm in length. The right kidney measured 6.1 cm in length.

**AGE**

8yr

The area of the aortic trifurcation was free of pathology.

**Adrenal Glands**

**WEIGHT**

30.3lb

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.65 cm width at the caudal pole and 2.5 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.63 cm width at the caudal pole and 2.4 cm length.

**INTERPRETED BY**

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

**Spleen**

A moderately sized non-homogeneous to mixed echogenic mass involving the mid to caudal spleen measuring ~ 7.5 cm x 6.0 cm was present. The spleen not involved with the mass exhibited symmetrical capsule contour and a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Subtle evidence of peri-splenic hyperechoic mesentery was noted. No evidence of mass rupture with secondary effusion/hemoabdomen. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

**IMAGING PERFORMED BY**

Jessica Miller

**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. No evidence of hepatic neoplastic criteria.

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North Warren Animal  
Hospital

The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

**REFERRING VET**

Dr. Corrado

**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.

**INVOICE**

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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.

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



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**Pancreas**

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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**

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

**BREED**

Whippet

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

**SEX**

FS

**Primary**

- Mixed echogenic splenic mass

**AGE**

8yr

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Confirmed splenic mass with potential considerations including hyperplasia, hematopoiesis, granuloma, splenitis, or neoplasia (sarcoma, round cell neoplasia, other). The splenic mass may be benign although the potential for neoplastic criteria is possible. No overt evidence of intra-abdominal/cardiac metastasis or rupture. Assuming no evidence of pathology on three view chest radiographs, laparotomy with splenectomy, gross inspection of the perisplenic omentum and liver would be warranted.

**WEIGHT**

30.3lb

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(Canine and Feline)

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Jessica Miller

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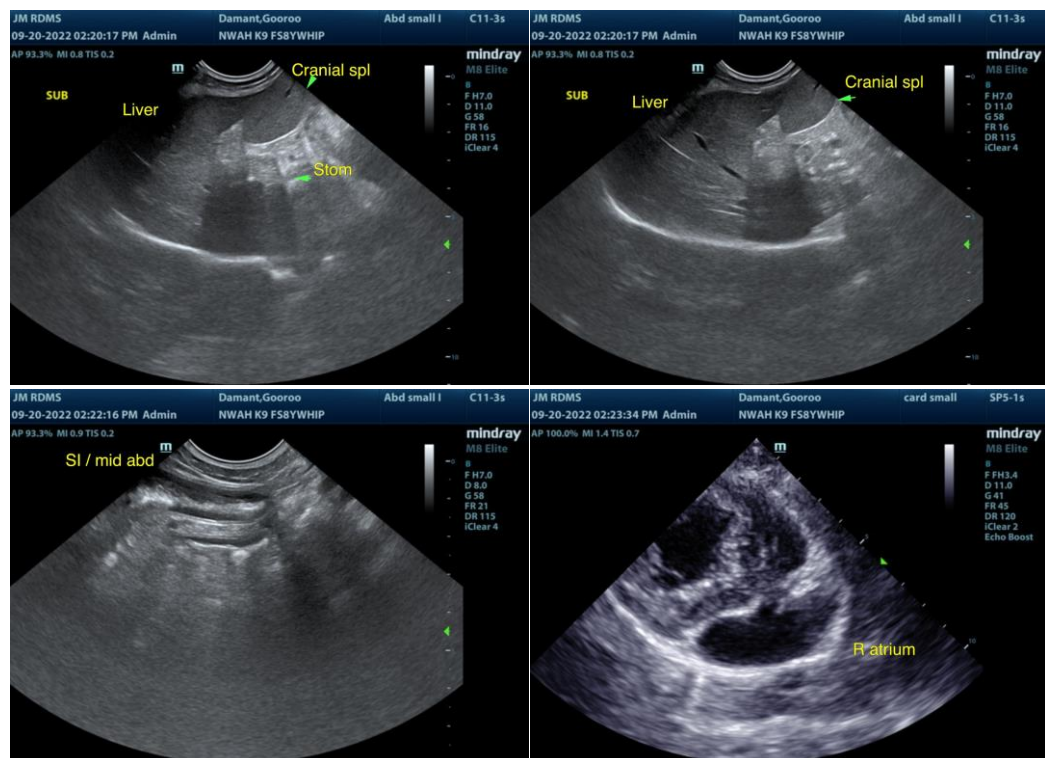
Dr. Corrado

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**SPECIES**

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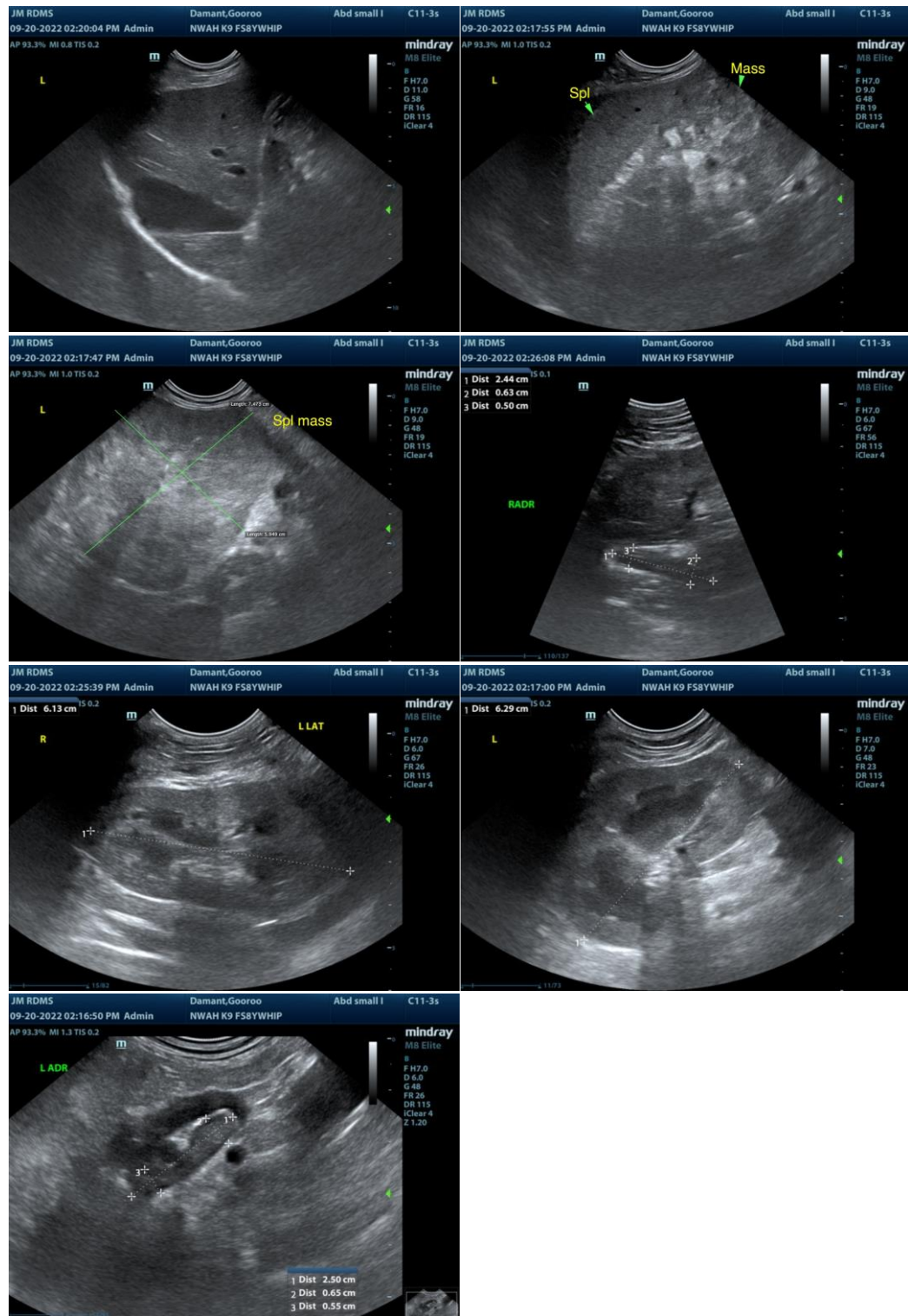
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



**PATIENT**

can be of any further assistance please contact me.

Goo Roo Damant

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

info@SonoPath.com

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