



**PATIENT**

Maisie Westwater

**SPECIES**

Canine

**BREED**

Poodle, Standard

**SEX**

F/I

**AGE**

3 yrs

**WEIGHT**

50 lbs.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Dr. Sorbo

**HOSPITAL NAME**

Mill Brook AC - VBF

**REFERRING VET**

Dr. Sorbo

**INVOICE**

16067

**DATE**

2/8/23

**PRESENTING CLINICAL SIGNS**

Throughout of its life, the P's HCT has been 50-55%, but on pre-spay labs the HCT had dropped to 37%. Had pups in July, all did well, bitch did well. No illness or concern since having the pups.

Abnormal PE/Chem/CBC/UA Results: There are petechiation-like lesions on the RIGHT maxillary mucosa, but none on the left side. There are a couple of similar lesions in the vulva too, but these are questionable. The remainder of the exam is unremarkable and no Hx or PE findings indicative of pyometra. PCV (manual) = 40% today, K+ elevated. R/O early Addison's, tick-borne, other.

**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 was noted.

The uterus was normal in sonographic appearance with an empty lumen and no evidence of pyometra criteria. No overt pathology was noted in the area of the left or right ovaries.

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 5.5 cm in length. The right kidney measured 5.6 cm in length.

**Adrenal Glands**

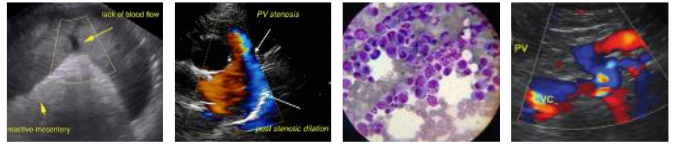
The left adrenal gland was overtly normal in size, position and shape. The left adrenal gland measured 0.52 cm width at the caudal pole and 0.42 cm width at the cranial pole. The right adrenal gland was overtly normal in size, position and shape. The right adrenal gland measured 0.52 cm width at the caudal pole and 0.51 cm width at the cranial pole.

**Spleen**

The spleen exhibited normal size and contour with subtle parenchyma heterogeneity. No masses or nodules were noted. Normal splenic vascularity was present.

**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. Normal hepatic vascular volume was noted. No evidence of a portosystemic shunt was noted. The gallbladder was non-distended containing anechoic content with minor, congealed, hyperechoic, non-mineralized debris in the cranial lumen, which is incidental. The cystic and common bile ducts were normal.



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**Gastrointestinal**

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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.

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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.

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

**SEX**

**Pancreas**

F/I

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.

**AGE**

3 yrs

**Free Abdomen**

**WEIGHT**

50 lbs.

No omental masses, lymphadenopathy, or peritoneal effusion were noted.

**ULTRASONOGRAPHIC FINDINGS**

- Sonographically unremarkable abdomen
- Normal spleen size / contour with subtle parenchyma heterogeneity

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No sonographic evidence of overt visceral pathology was visualized.

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The subtle splenic parenchyma heterogeneity is likely consistent with age-related or minor benign parenchymal echogenic changes such as hyperplasia, hematopoiesis, or similar, given the patient's hematocrit. Splenic FNA cytology, assuming normal clotting status and using a 25-gauge needle, could be considered primarily to ensure only benign changes are present.

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No evidence of adrenal pathology or subnormal size was noted. Definitive cause of the patient's variable hematocrit or possible petechiation was not obvious. Assuming normal clotting status, CBC pathology review could be considered.

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For an additional charge, internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

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One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

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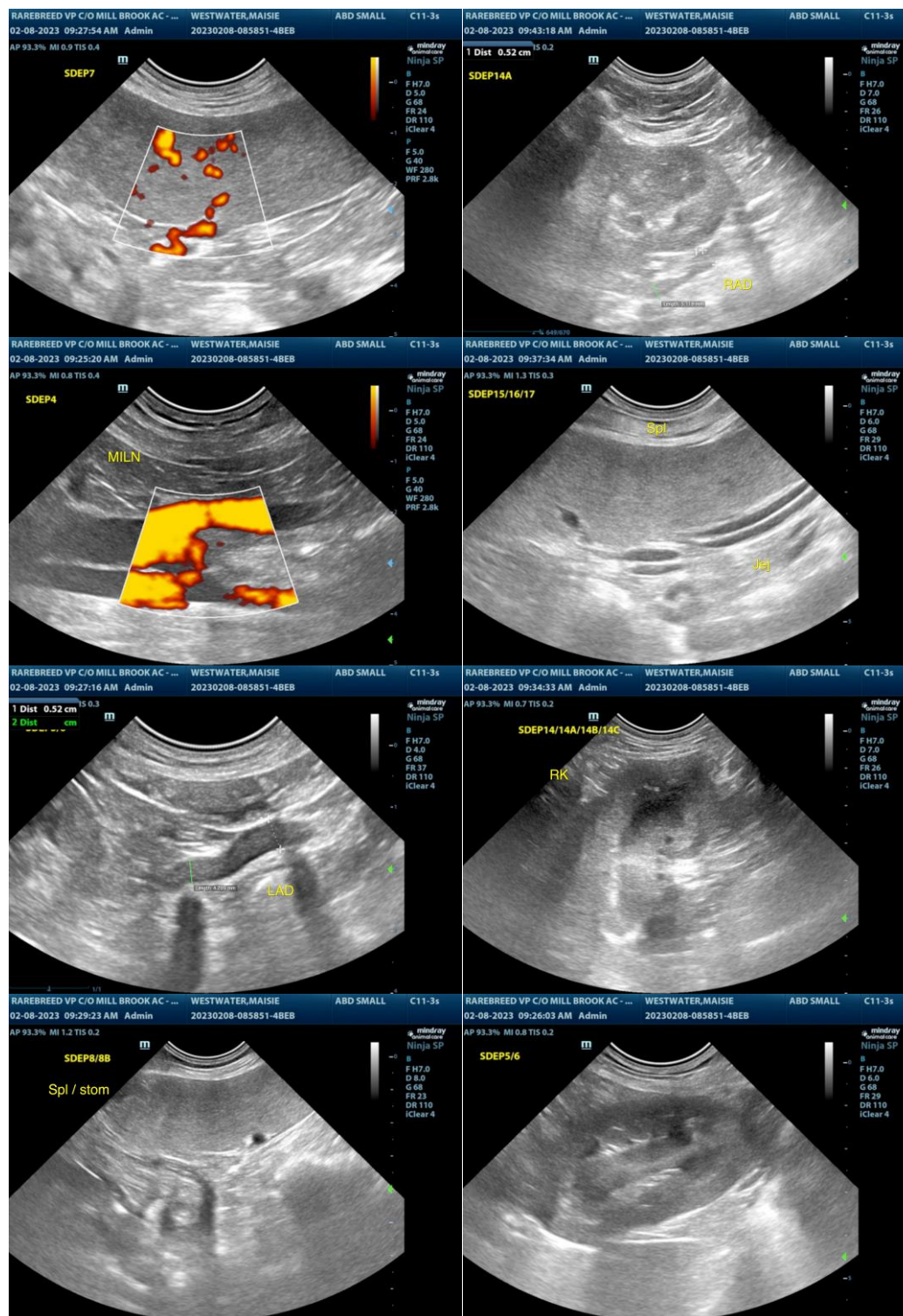
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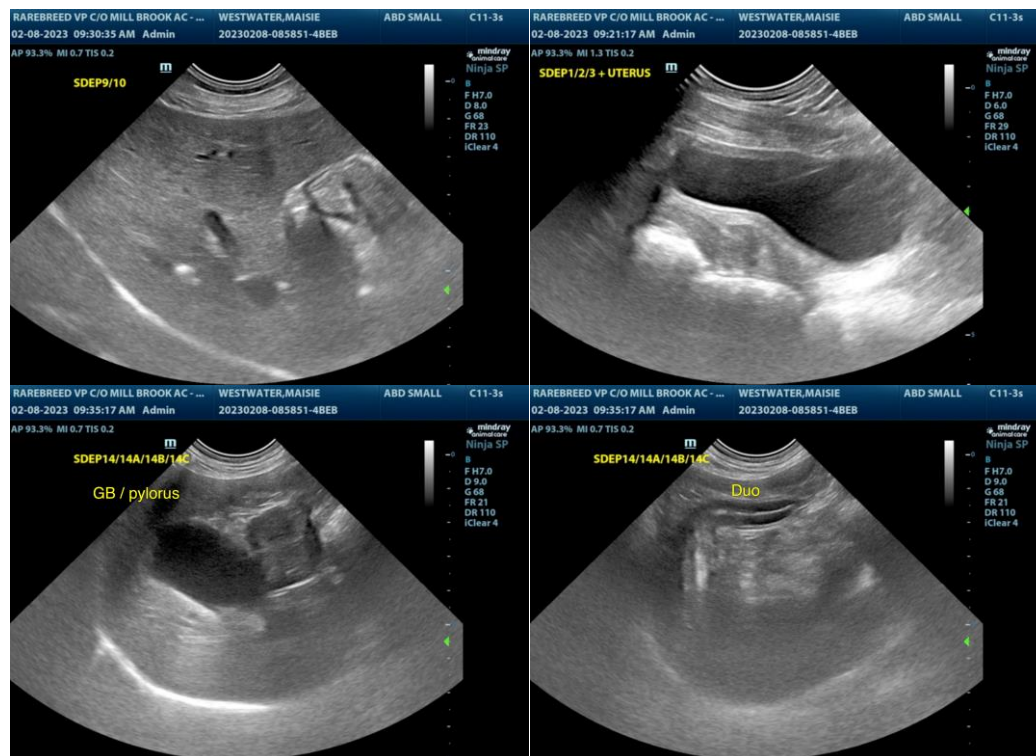
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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**  
info@SonoPath.com