



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Maggie Nelson	Preg check, last bred 7/5/23, elevated WBC, Lepto + today.
<b>SPECIES</b>	Abnormal PE/Chem/CBC/UA Results: Wbc 19.44; Neut 14.12; Lym 1.0; Mno 4.3; Plt 103; MPV 16.2
Canine	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
<b>BREED</b>	<b>Urinary System</b>
Blue Tick Coonhound	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 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.
<b>SEX</b>	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 6.7 cm in length. The right kidney measured 6.5 cm in length.
FI	The area of the aortic trifurcation was free of pathology.
<b>AGE</b>	The uterus exhibited generalized mildly tortuous fluid dilation. The degree of fluid dilation was subjectively moderate with overtly normal uterine wall. The fluid was anechoic with mild echogenic component which may suggest mild fluid cellularity. No evidence of viable fetuses within the uterus lumen. The left uterine horn measured 3.4 cm.
5yr	
<b>WEIGHT</b>	
NA	
<b>INTERPRETED BY</b>	No overt pathology in the area of the left/right ovaries.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<b>Adrenal Glands</b>
<b>IMAGING PERFORMED BY</b>	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.71 cm width at the caudal pole and 2.3 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.54 cm width at the caudal pole and 2.4 cm length.
Shari Reffi CVT	<b>Spleen</b>
<b>HOSPITAL NAME</b>	The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.
Animal General (Augusta)	<b>Liver/Gallbladder</b>
<b>REFERRING VET</b>	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. Normal vascular volume. 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. The cystic and common bile ducts were normal.
Dr. Castimore	
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<b>DATE</b>	
08/15/2023	



**PATIENT**

**Gastrointestinal**

Maggie Nelson

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate non-shadowing ingesta sonographically suggestive of food with no signs of ileus, obstruction or foreign material.

**SPECIES**

Canine

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.

**BREED**

Blue Tick Coonhound

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

**SEX**

FI

**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 was evident.

**AGE**

5yr

**Free Abdomen**

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

**WEIGHT**

NA

**ULTRASONOGRAPHIC FINDINGS**

- Fluid dilated mildly tortuous uterus without evidence of visible or viable fetuses-consistent with pyometra, mucometra, hydrometra or similar.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

OVH with submission of uterine tissue for histopathology is recommended. Given the degree of uterine distension with mildly echogenic fluid, closed pyometra, mucometra or hydrometra is probable. Concurrent empirical coverage for leptospirosis if clinically indicated is recommended.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Shari Reffi CVT

**HOSPITAL NAME**

Animal General  
(Augusta)

**REFERRING VET**

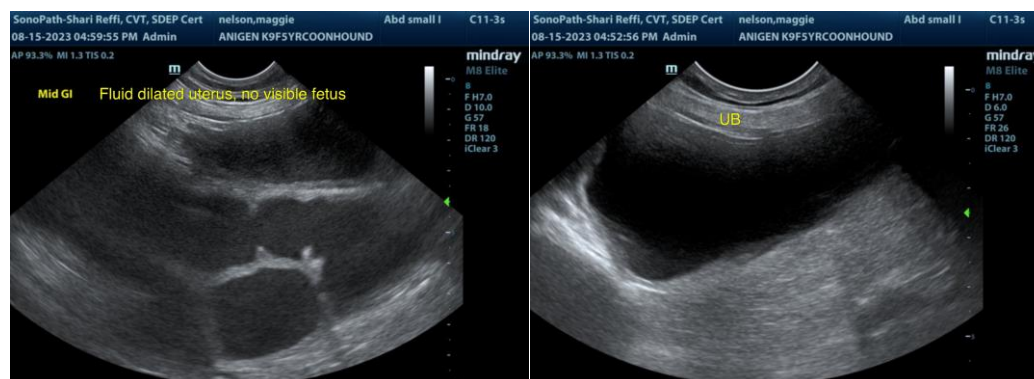
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**PATIENT**

Maggie Nelson

**SPECIES**

Canine

**BREED**

Blue Tick Coonhound

**SEX**

FI

**AGE**

5yr

**WEIGHT**

NA

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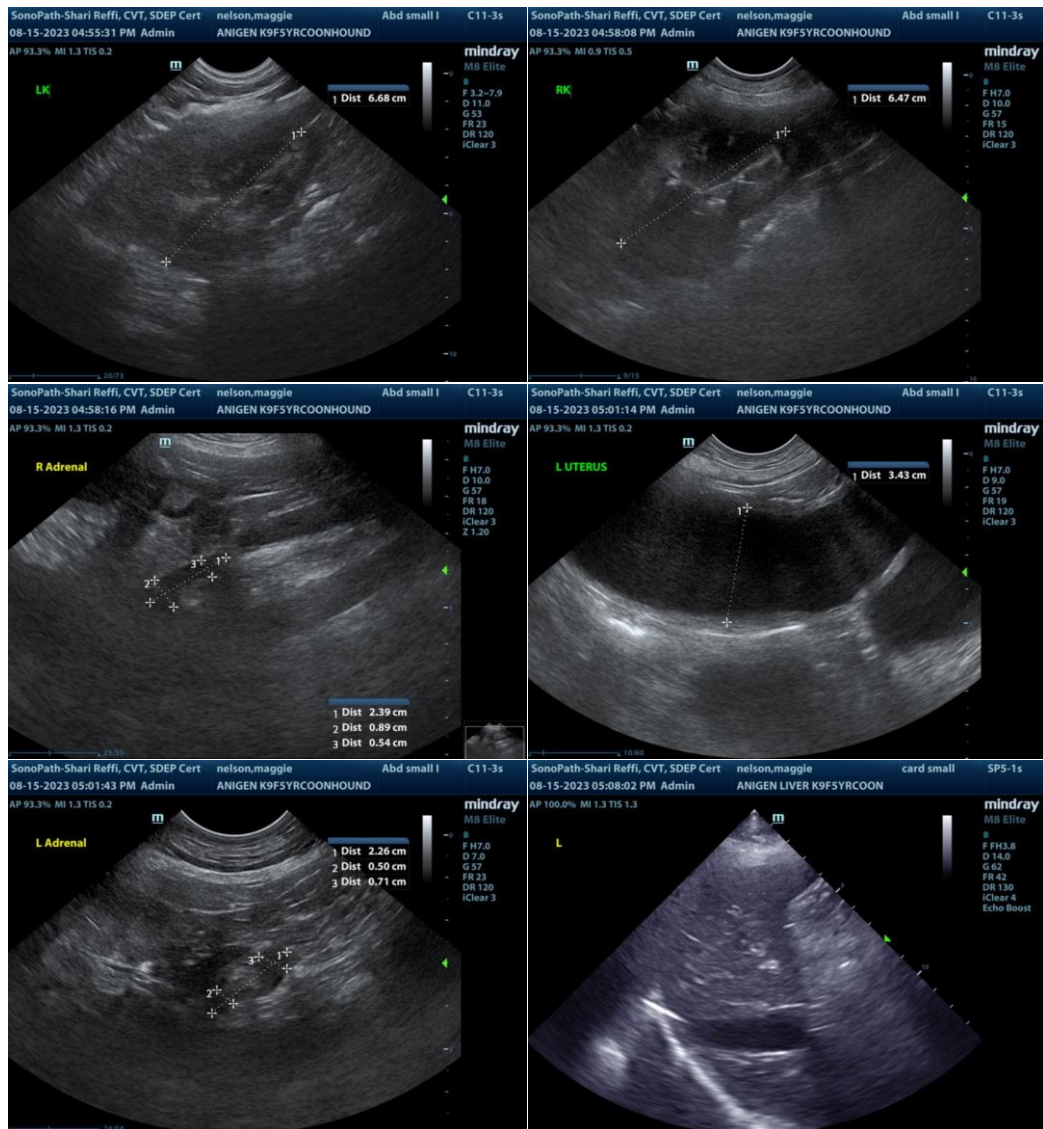
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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](mailto:info@sonopath.com)