



**PATIENT**

Winston Marshall

**PRESENTING CLINICAL SIGNS**

History: Dysuria. Current meds: Cerenia  
Abnormal PE/Chem/CBC/UA Results: PCV 77%, Urine cysto pending

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

English Mastiff

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

**SEX**

Neutered male

The prostate was mildly heterogenous and measured 2.37 cm with a hyperechoic lipogranulomatous type nodule measuring 0.95 cm at the caudal pole. The penile urethra was imaged with no evidence of pathology.

**AGE**

1 year

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.8 cm. The left kidney measured 8.1 cm.

**WEIGHT**

150 lbs

**Adrenal Glands**

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

Both **adrenal glands** were subjectively flattened. The right adrenal gland measured 4.27 x 1.23 cm at the cranial pole and 0.76 cm at the caudal pole. The left adrenal gland measured 2.65 x 0.38 cm at the caudal pole and 0.48 cm at the cranial pole.

**IMAGING PERFORMED BY**

Shari Reffi, CVT

**Spleen**

**HOSPITAL NAME**

Animal Care Center of  
Flanders

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

**REFERRING VET**

Dr. Villari

**Liver**

**INVOICE**

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The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**DATE**

5/25/22



**PATIENT**

**Gastrointestinal**

Winston Marshall

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. The mesenteric lymph nodes were reactive and measured up to 2.48 x 0.92 cm.

**SPECIES**

Canine

**BREED**

English Mastiff

**Pancreas**

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**SEX**

Neutered male

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

1 year

Mildly heterogenous prostate. This would be normal if the patient was neutered as an adult. Underlying prostatitis may have been present prior to neutering.

Subjectively flattened adrenal glands.

Otherwise, unremarkable abdomen.

**WEIGHT**

150 lbs

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

There is minimal to no suspicion of neoplasia. Screening for occult Addison's is warranted with baseline cortisol.

**IMAGING PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

Animal Care Center of  
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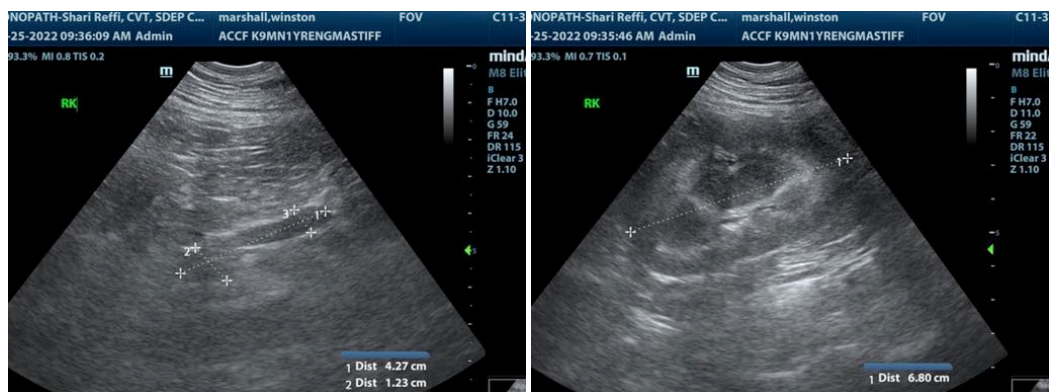
Dr. Villari

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**PATIENT**

Winston Marshall

**SPECIES**

Canine

**BREED**

English Mastiff

**SEX**

Neutered male

**AGE**

1 year

**WEIGHT**

150 lbs

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DABVP, Cert. IVUS

**IMAGING PERFORMED BY**

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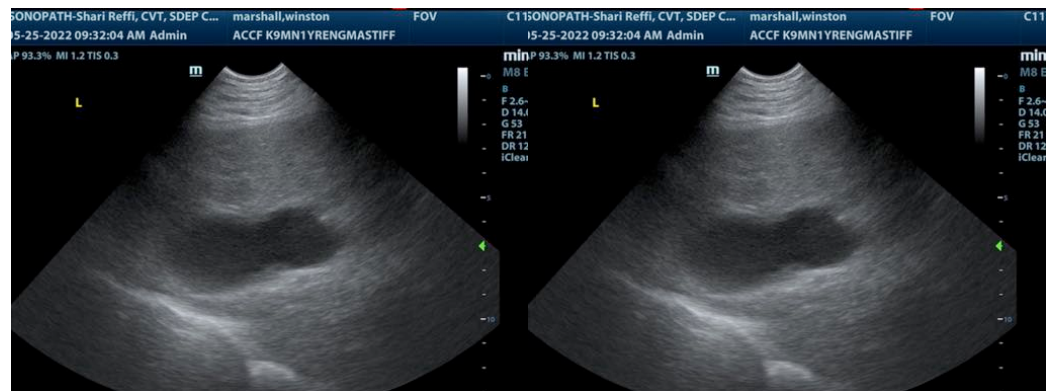
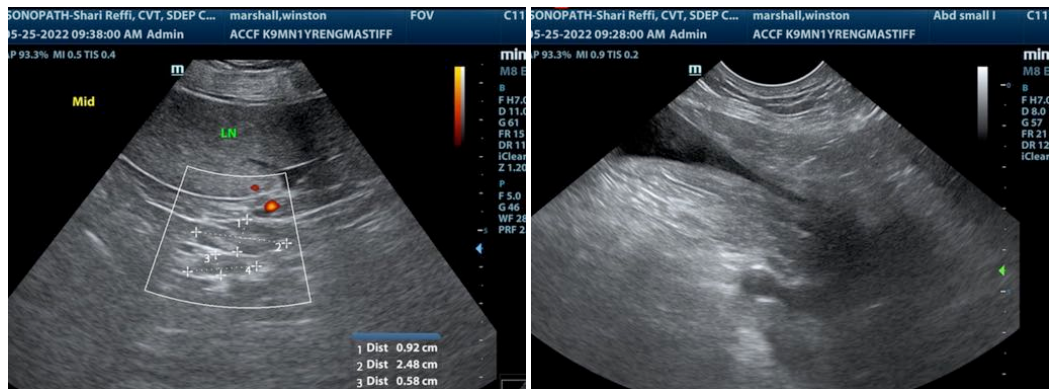
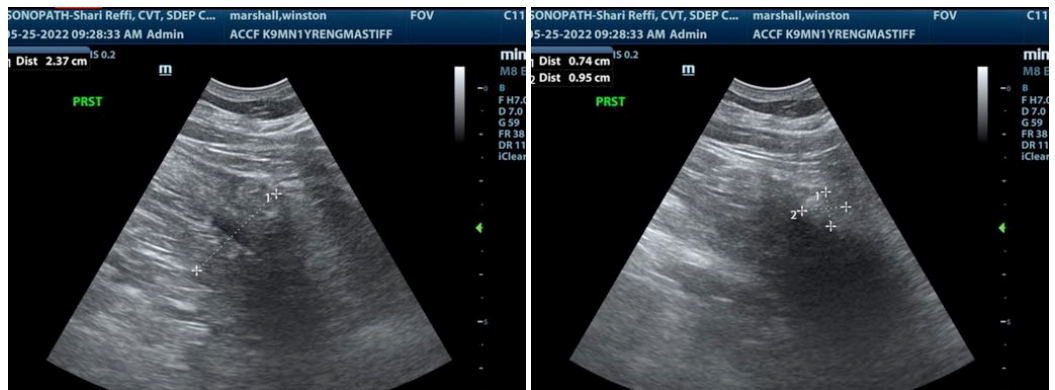
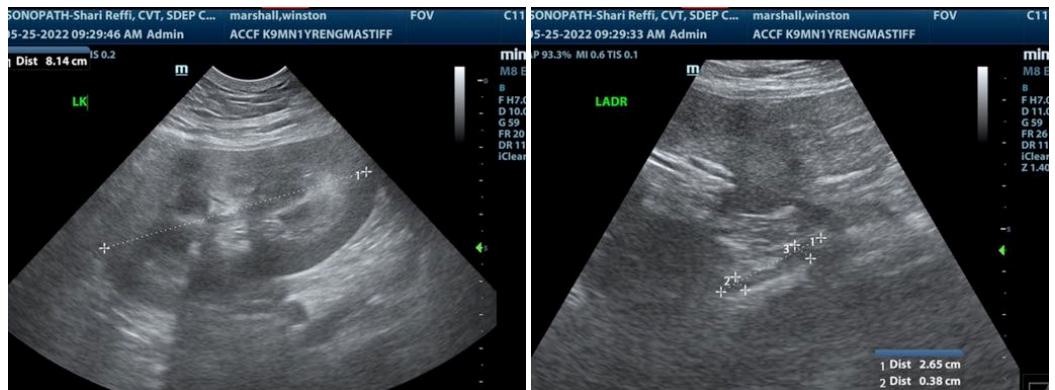
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**PATIENT**

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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.

**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**

English Mastiff

**Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com**  
Info@SonoPath.com

**SEX**

Neutered male

**AGE**

1 year

**WEIGHT**

150 lbs

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DABVP, Cert. IVUSS

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