



**PATIENT PRESENTING CLINICAL SIGNS**

Stella Backer 1 month recheck of cystitis, urethritis, renal cyst. Clinically doing well. Current meds: Piroxicam, finished Amoxicillin/Zeniquin  
Abnormal PE/Chem/CBC/UA Results: BW wnl. Cysto pending

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Mastiff

The **urinary bladder** is largely normalized in this patient. Anechoic urine was noted. The bladder wall thickness was normal at moderate repletion. The urethra was unremarkable other than slight thickening and was imaged 3.0 cm beyond the cystourethral junction.

**SEX**

Spayed Female

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Right renal cyst was persistent at 3.0 cm. The left kidney measured 7.6 cm. The right kidney measured 7.45 cm.

**AGE**

9 years

**WEIGHT**

107 lbs

**Adrenal Glands**

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 2.6 x 1.43 cm at the cranial pole and 0.74 cm at the caudal pole. The left adrenal gland measured 2.9 x 0.61 cm at the cranial pole and 0.6 cm at the caudal pole.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

VCA Blirstown AH

**Spleen**

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. Lovell

**Liver**

**INVOICE**

95075

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**

1/10/22



**PATIENT**

Stella Backer

**Gastrointestinal**

**SPECIES**

Canine

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. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**BREED**

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**

Spayed Female

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

9 years

Largely normalized urinary tract with persistent right renal cyst, benign. Otherwise age related renal changes.

**WEIGHT**

107 lbs

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Further treatment based on any inflammatory sediment is recommended.

**INTERPRETED BY**

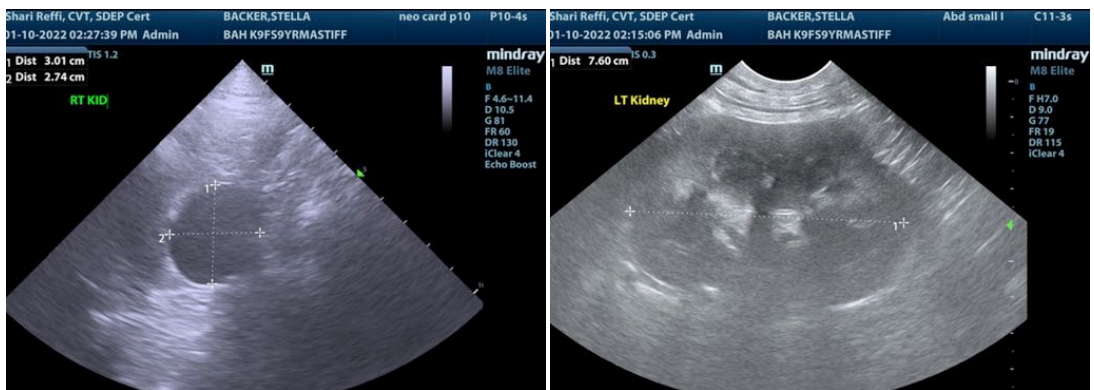
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**REFERRING VET**

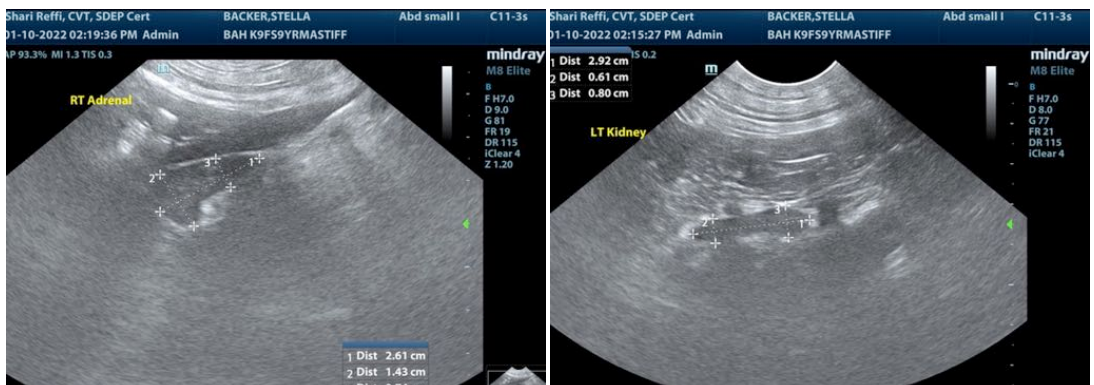
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**PATIENT**

Stella Backer

**SPECIES**

Canine

**BREED**

Mastiff

**SEX**

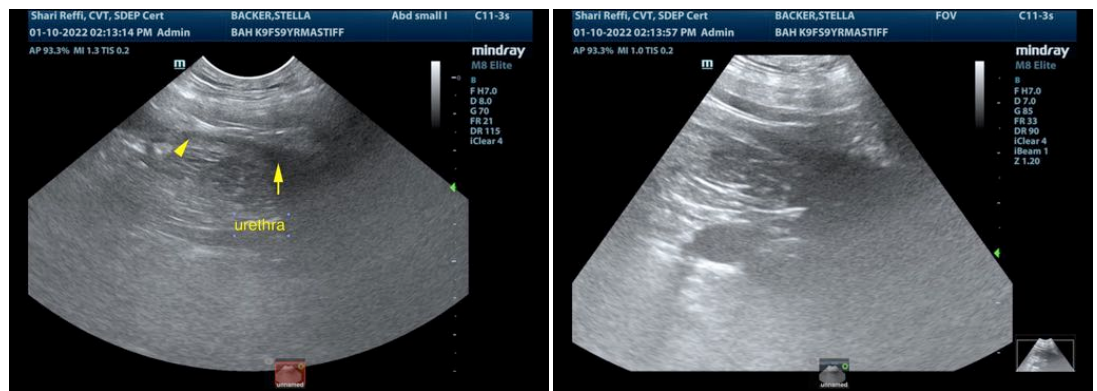
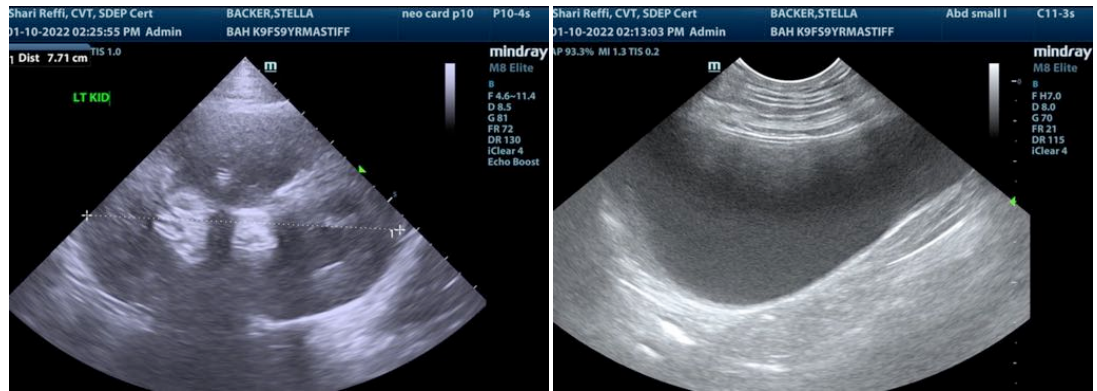
Spayed Female

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The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

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