



**PATIENT**

Dixie Page

**PRESENTING CLINICAL SIGNS**

History: Urinating/leaking at night  
Abnormal PE/Chem/CBC/UA Results: BW WNL. Ehrlichia Positive

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal. Regions of ectopic ureters were imaged, yet there was no evidence of ectopy or dilated ureters present.

**SEX**

Spayed female

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 left kidney measured 6.0 cm.

**AGE**

1 year

**WEIGHT**

50 lbs

**Adrenal Glands**

The **adrenal glands** were not visualized.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**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.

**IMAGING PERFORMED BY**

Dr. Steele

**HOSPITAL NAME**

Loving Care VH

**Liver**

Minimal **liver** images were obtained, yet the liver appeared unremarkable.

**REFERRING VET**

Dr. Steele

**Gastrointestinal**

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 colon was filled with ingesta.

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**Pancreas**

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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.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

Mix

Structurally normal urinary tract.

**SEX**

Spayed female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There was no evidence of primary disease. I cannot completely rule out ectopic ureters, yet no obvious, large, ureteral dilation was present. CT with contrast would be optimal to rule out underlying ectopic ureters if clinically suspected. Examination of the vaginal vestibule is recommended for predisposing issues would be warranted. Otherwise, treatment for incontinence may prove effective.

**AGE**

1 year

**WEIGHT**

50 lbs

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Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

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**REFERRING VET**

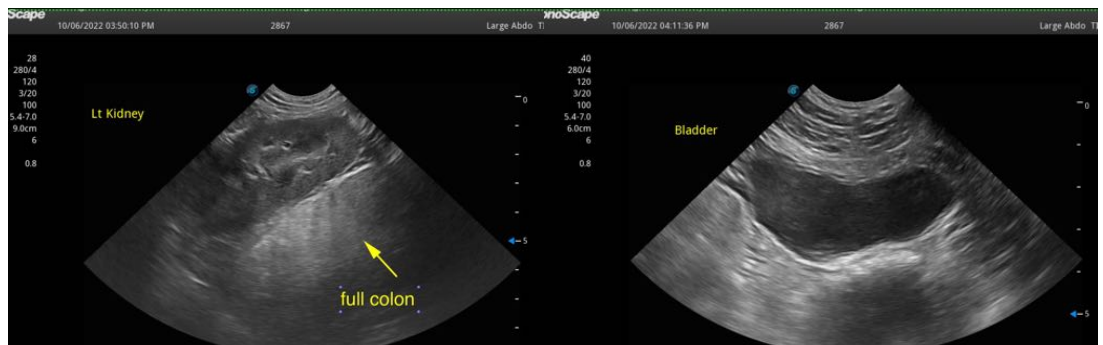
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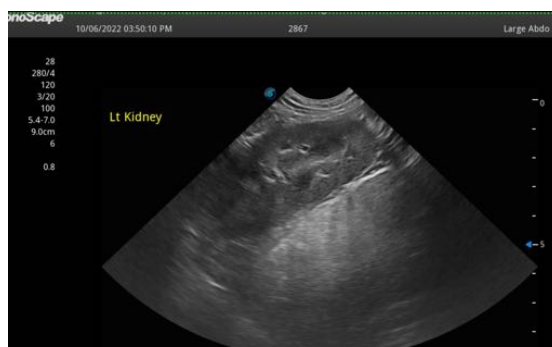
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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