



**PATIENT**

Harriet NBLCF

**SPECIES**

Canine

**BREED**

Chihuahua

**SEX**

Spayed female

**AGE**

14 years

**WEIGHT**

6.5 lbs

**INTERPRETED BY**

Remo Lobetti, BVSc,  
MMedVet (Med),  
PhD, Dipl. ECVIM

**IMAGING PERFORMED BY**

Meghan Morse, LVT,  
CVT

**HOSPITAL NAME**

Kingston AH

**REFERRING VET**

Dr. Turner

**INVOICE**

69417

**DATE**

12/18/25

**PRESENTING CLINICAL SIGNS**

History: Grade 3-4/5 HM, holosystolic murmur, bilateral but loudest L side  
Abnormal PE/Chem/CBC/UA Results: Glob high, ALb low, BUN and SDMA high U/A: USG 1.023

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder is full with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left 2.3 cm, right 2.6 cm), increased echogenic appearance, some loss of cortico-medullary differentiation and an irregular capsule. Left sided pyelectasia was noted, normal right sided pelvis. No infarcts, mineralization or renoliths evident. Normal color flow pattern is evident in both kidneys.

**Adrenal Glands**

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 1.12 cm in length x 0.29 cm and 0.38 cm in width. The right adrenal gland measured 1.25 cm in length x 0.33 cm and 0.43 cm in width.

**Spleen**

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident. The spleen measured 0.6 cm in width.

**Liver**

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.



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***Gallbladder***

The gallbladder is small containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

***Gastrointestinal***

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen. A moderate amount of ingesta is present in the stomach. Chyme is present in the proximal small intestine both compatible with a recent meal.

***Pancreas***

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

***Free Abdomen***

Normal mesenteric lymph nodes.

No ascites evident.

**ULTRASONOGRAPHIC FINDINGS**

- Renal disease.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The most likely etiology for the renal disease would be chronic kidney disease, although the left sided pyelectasia is most likely associated with the chronic kidney changes, underlying low-grade pyelonephritis should still be considered.

Further assessment would be urine culture, UPC and blood pressure.

Management of the renal disease would be feeding the renal diet and the use of enteric phosphate binders as needed.



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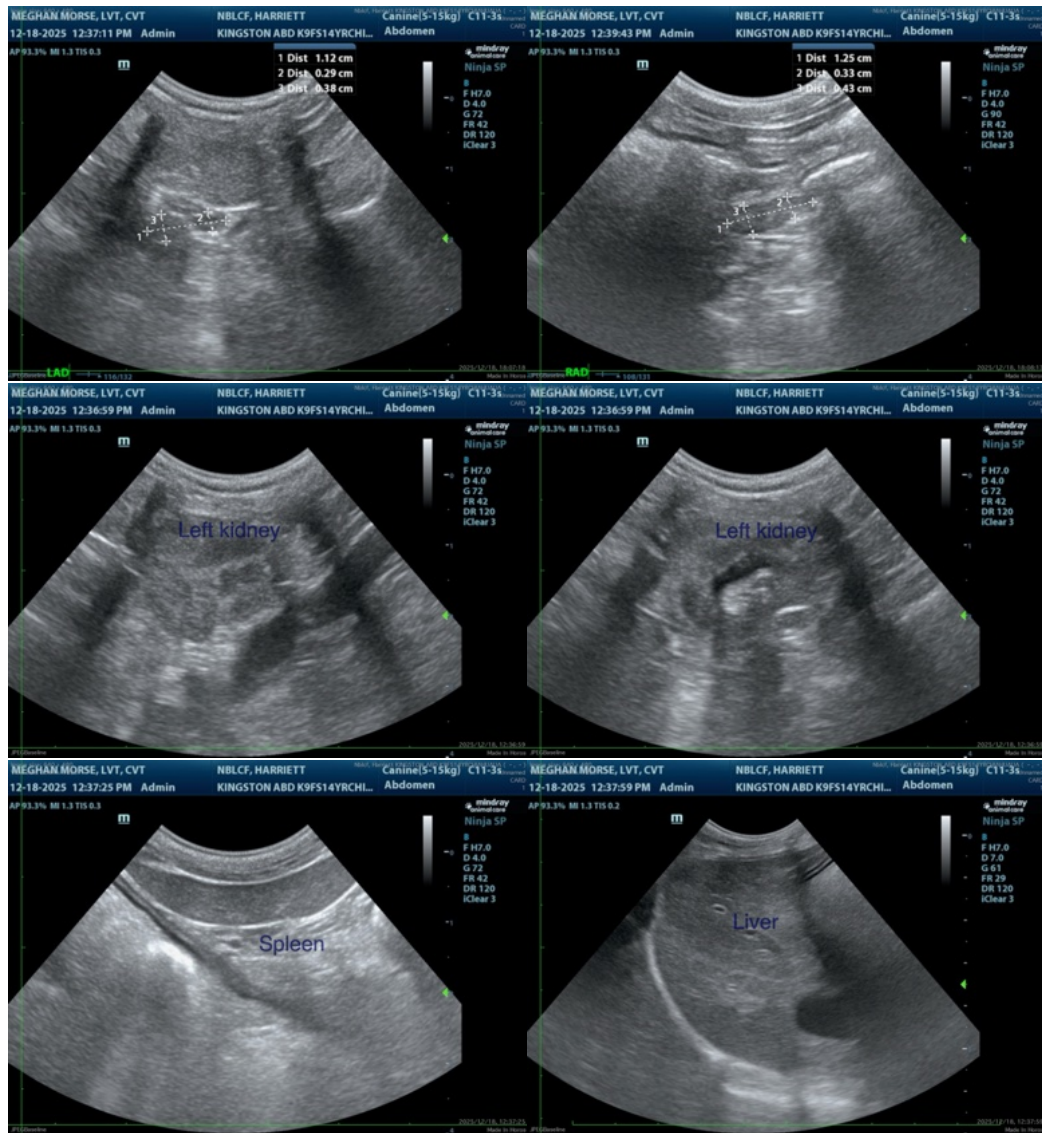
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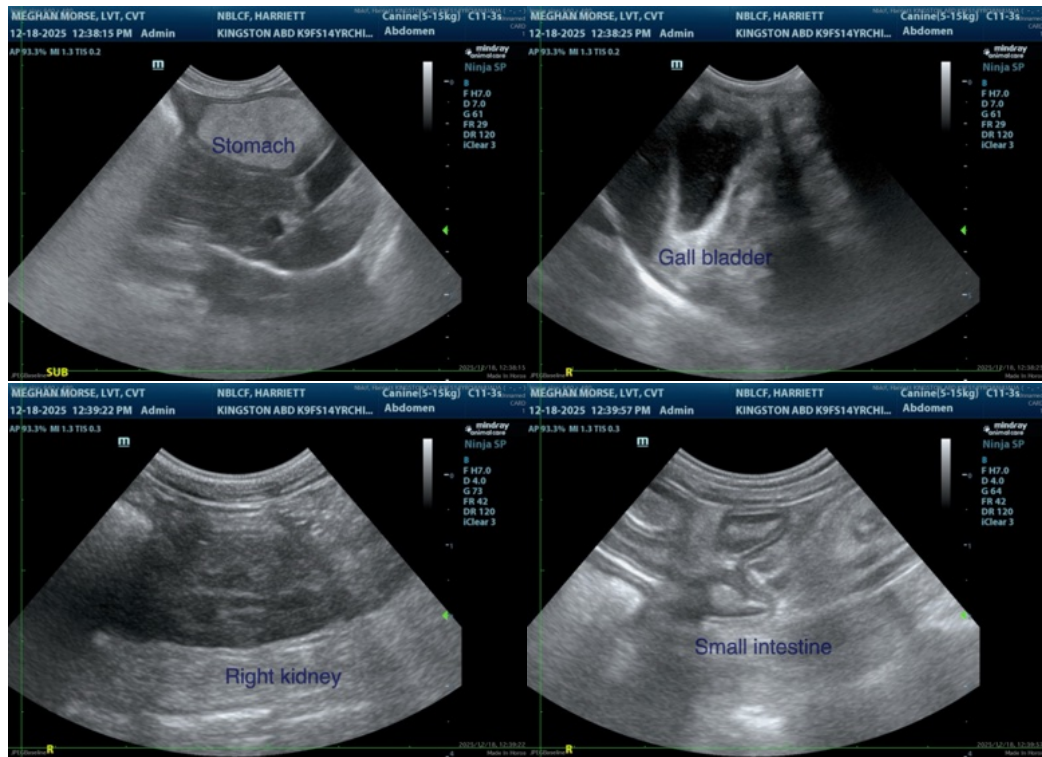
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)

[info@sonopath.com](mailto:info@sonopath.com)