



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Charlie Carey  
**SPECIES** Canine  
chronic urine dribbling/urinary accidents, seems to correlate with larger drinks of water. normal energy/activity/appetite/drinking behaviors; owner cannot quantify water intake d/t multiple pets in the house. was monocytorchid, sx notes did not indicate anything remarkable about the castration. owner reporting chronic separation anxiety as well, doesn't notice clinical signs more on days not home. normal BM. meds: trazodone 100-200 mg PO q12h started march 12 2022  
Abnormal PE/Chem/CBC/UA Results: please see attached email

**BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED** Golden Retriever  
**Urinary System**

**SEX** Neutered Male  
The **urinary bladder** presented minor apical wall thickening with polypoid changes, consistent with low-grade cystitis. Anechoic urine present. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction. No evidence of ectopic ureters. The residual prostate measured 5.0 mm, uniform. Pre- and post-prostatic urethra was unremarkable.

**AGE** 3 Years  
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 6.84 cm. The right kidney measured 5.67 cm.

**WEIGHT** 25 kg  
**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 1.78 cm x 1.29 cm at the cranial pole and 0.60 cm at the caudal pole. The left adrenal gland measured 2.14 cm x 0.49 cm at the caudal pole and 0.61 cm at the cranial pole.

**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 were noted.

**IMAGING PERFORMED BY**

Kelly Reschny

**HOSPITAL NAME**

Lynden AC

**Liver**

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.

**REFERRING VET**

Dr. Larocque

**INVOICE**

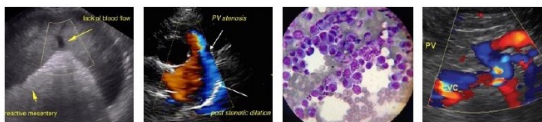
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**Gastrointestinal**

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

**DATE**

4/19/22



**PATIENT**

**Pancreas**

Charlie Carey

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**

- Structurally unremarkable abdomen
- Mild cystitis bladder pattern

**BREED**

Golden Retriever

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Even though only minor elevated white count noted in the urine, recommend clinical trial of Ceftiofur/Enrofloxacin or similar antibiotic and reassessment of the clinical signs. No evidence of structural disease other than minor polypoid bladder changes.

**SEX**

Neutered Male

**AGE**

3 Years

**WEIGHT**

25 kg

**INTERPRETED BY**

Eric Lindquist, DMV

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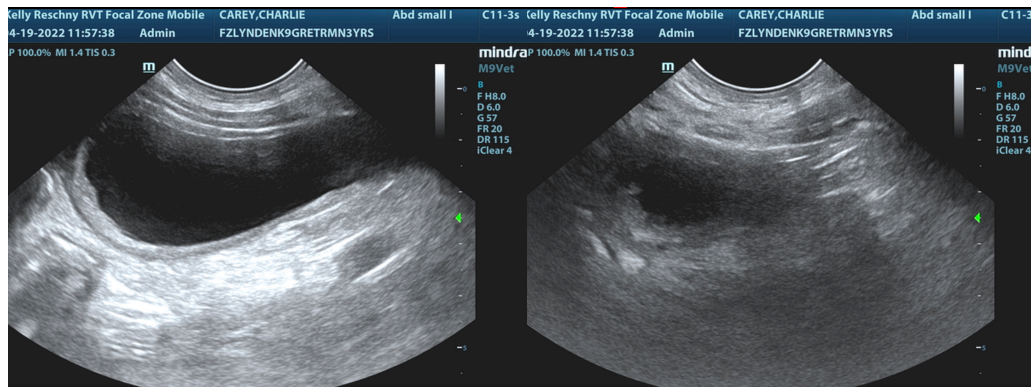
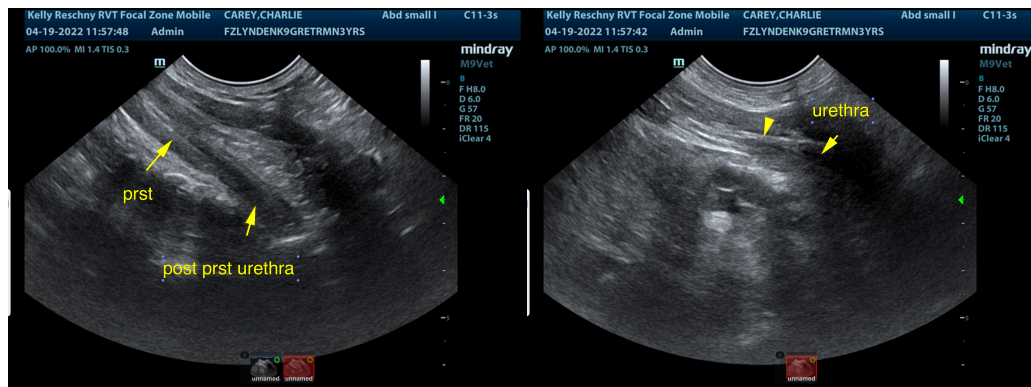
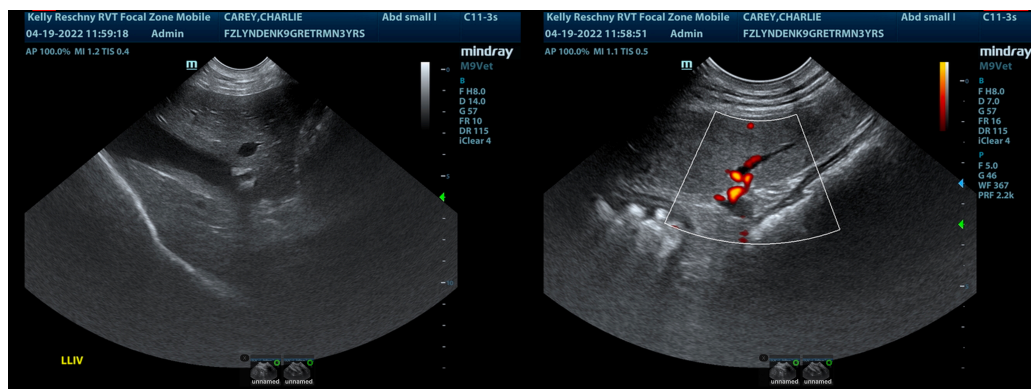
Dr. Larocque

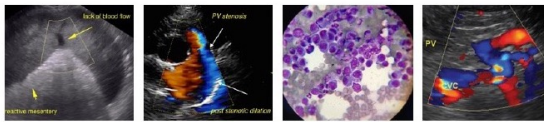
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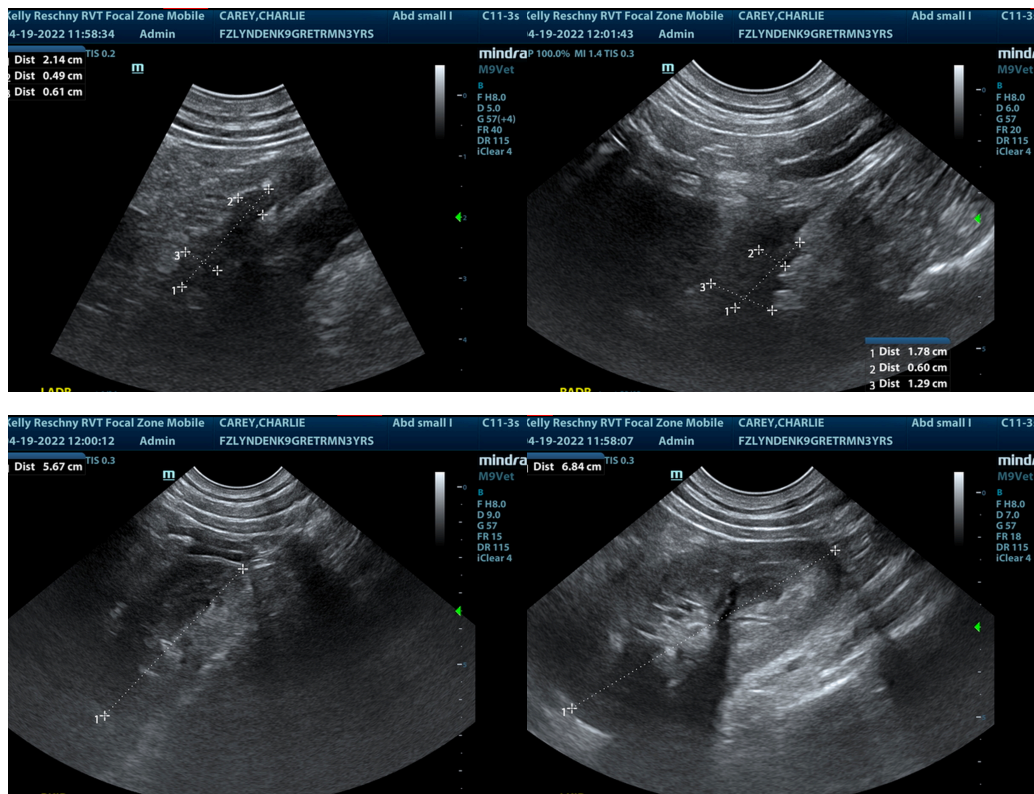
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
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