



**PATIENT PRESENTING CLINICAL SIGNS**

Wally Dalangin History: persistent hematuria, deg. myelopathy

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine *Urinary System*

**BREED** The **urinary bladder** and trigone presented normal thicknesses and normal tone. The ureters were not visible which is normal. A large amount of sand accumulation was noted and measured up to 3.0 cm with suspended debris. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal. A shadowing focus was noted adjacent to the deep pelvic urethra; however, I believe this is colonic and not urethral. However, the urethra itself was thickened.

**SEX** 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. Slight cortical infarcts were noted in the right kidney. The right kidney measured 6.34 cm. The left kidney measured 7.0 cm.

**AGE**  
13 years

**WEIGHT *Adrenal Glands***

29.5 lbs 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 2.27 x 0.82 cm at the cranial pole and 0.75 cm at the caudal pole. The left adrenal gland measured 2.21 x 0.67 cm at the caudal pole and 0.64 cm at the cranial pole.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jessica Miller, RDMS

*Spleen*

The **spleen** revealed a hyperechoic, attenuating 3.17 cm mass with multi-focal, hyperechoic nodular changes noted elsewhere.

**HOSPITAL NAME**

Rockaway AH

*Liver*

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele. However, the sludge appears to be mildly excessive. No adjunctive inflammation was noted.

**REFERRING VET**

Dr. Maniar

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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

**DATE**

5/20/22



**PATIENT**

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demonstrated normal luminal chyme and stool consistency respectively. Shadowing structure was noted in the descending colon.

**SPECIES**

Canine

**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.

**BREED**

Corgi

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Neutered male

Bladder sand. Cystitis pattern.

Splenic mass.

Excessive gallbladder debris.

**AGE**

13 years

Cortical renal infarcts.

Shadowing focus adjacent to the pelvic urethra, I believe this is colonic.

**WEIGHT**

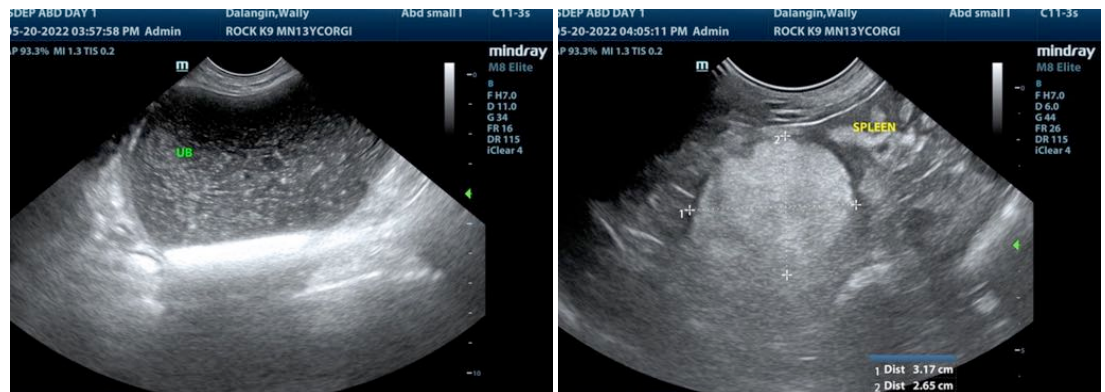
29.5 lbs

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

I recommend cystotomy, normal and retrograde urethral flushing. Splenectomy and manual expression of the gallbladder is recommended. Normal and retrograde flushing is recommended at the time of surgery. The bladder at the time of the sonogram was not obstructive.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS



**IMAGING PERFORMED BY**

Jessica Miller, RDMS

**HOSPITAL NAME**

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**SPECIES**

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**BREED**

Corgi

**SEX**

Neutered male

**AGE**

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**WEIGHT**

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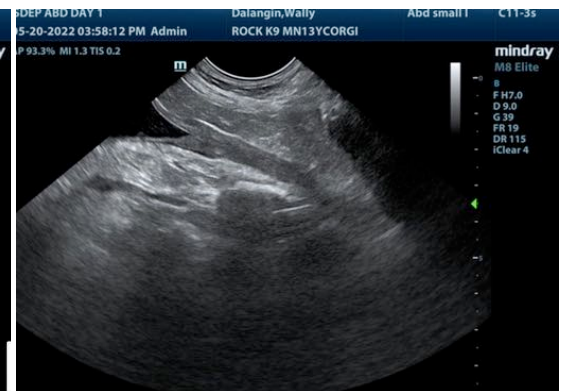
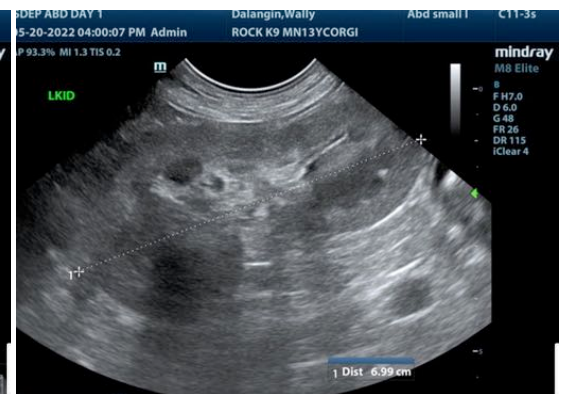
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**PATIENT**

Wally Dalagin

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.

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

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Corgi

**SEX**

Neutered male

**AGE**

13 years

**WEIGHT**

29.5 lbs

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