



**PATIENT**

Murphy Ward

**PRESENTING CLINICAL SIGNS**

History: panting, not eating as much

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

**BREED**

Airedale

**SEX**

Neutered male

The **left kidney** 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 capsule was acceptably uniform without significant irregularities. The left kidney measured 5.81 cm.

**AGE**

8 years

The **right kidney** revealed hyper vascular thickened cortices with pericapsular inflammatory pattern and retroperitoneal fluid accumulation. There was loss of corticomedullary definition noted. There is a strong concern for nephritis versus emerging round cell neopallia. The right kidney measured 7.24 cm.

**WEIGHT**

57.5 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.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

The **spleen** was mildly enlarged with minor, heterogenous parenchymal changes. The splenic contour was swollen.

**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**Liver**

The **liver** parenchyma was largely uniform, yet minor swelling was noted. The gallbladder and common bile duct were unremarkable.

**REFERRING VET**

Dr. Maniar

**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.

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**DATE**

3/28/23



**PATIENT**

**Pancreas**

Murphy Ward

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**

Airedale

Right renal enlargement.

Mildly enlarged, swollen spleen.

**SEX**

Neutered male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

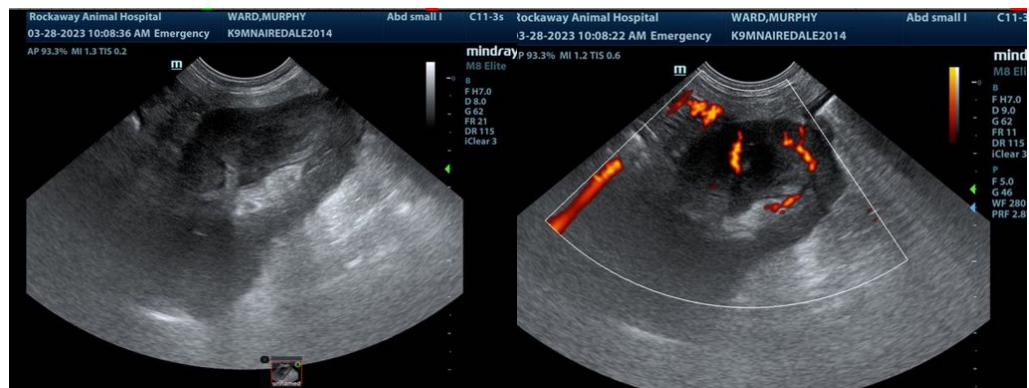
FNA of the spleen and right renal cortex is indicated after coagulation panel. Blood pressure measurements are warranted. Reactive spleen and nephritis versus round cell neoplasia. The prognosis is guarded depending on cytology results. Full urinary work-up and blood pressure measurements are indicated.

**AGE**

8 years

**WEIGHT**

57.5 lbs

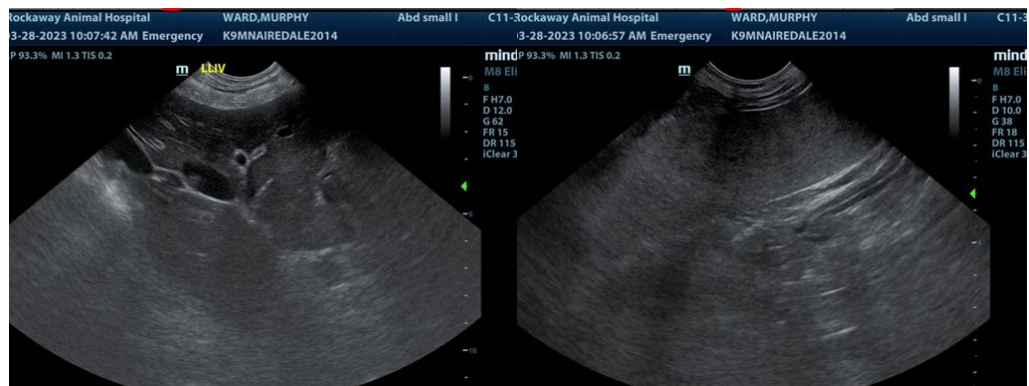


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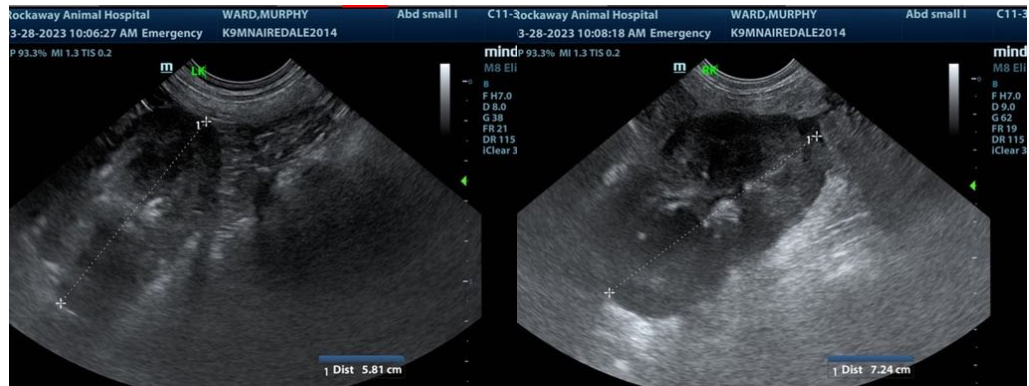
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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