

**PATIENT**

Miley Ragusa

**PRESENTING CLINICAL SIGNS**

re check increased thirst and urination vomiting

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder** itself was unremarkable. However, the urethra was somewhat nebulous with enhanced surrounding mesentery. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

**BREED**

Poodle X

Iliac lymph node mass noted measuring 4.0 cm x 3.0 cm. Other smaller iliac lymph nodes also enlarged, rounded and hypoechoic.

**SEX**

Spayed Female

The **kidneys** revealed multifocal target lesions throughout the renal cortices, strongly suggestive for metastatic disease. The right kidney measured 6.14 cm. The left kidney measured 5.35 cm.

**AGE**

12 Years

**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 2.39 cm x 1.49 cm at the cranial pole and 0.82 cm at the caudal pole. The left adrenal gland measured 1.65 cm x 0.63 cm at the caudal pole and 0.62 cm at the cranial pole.

**WEIGHT**

52.5 Pounds

**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.

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**Liver**

The **liver** revealed hypoechoic target lesions and irregular contour. The gallbladder and common bile duct were unremarkable.

**IMAGING PERFORMED BY**

Jenn

**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.

**HOSPITAL NAME**

Rockaway AH

**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.

**REFERRING VET**

Dr. Maniar

**INVOICE**

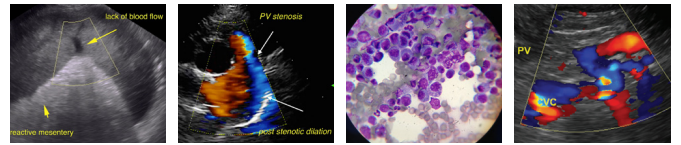
36515

**ULTRASONOGRAPHIC FINDINGS**

- Iliac lymphadenopathy with metastatic pattern to the kidneys and liver
- Thickened urethra, not likely the primary issue

**DATE**

3/28/22



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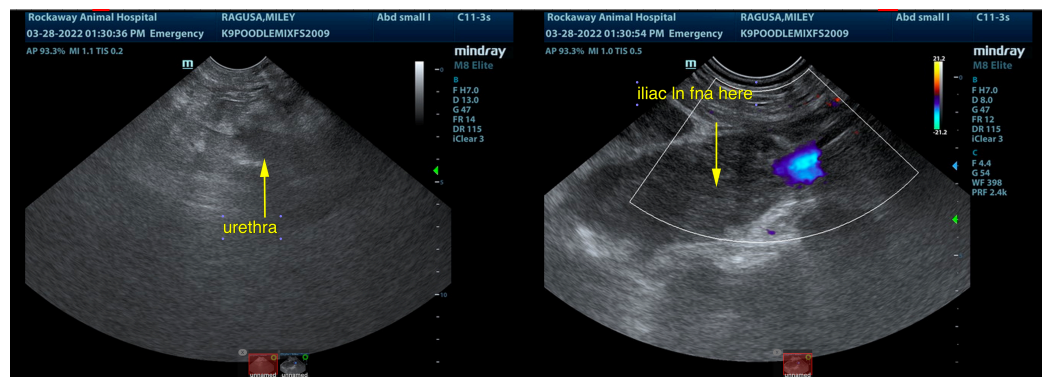
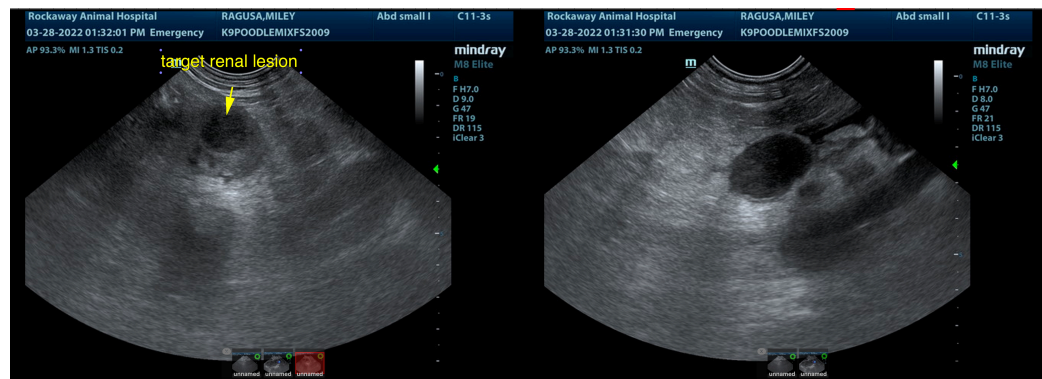
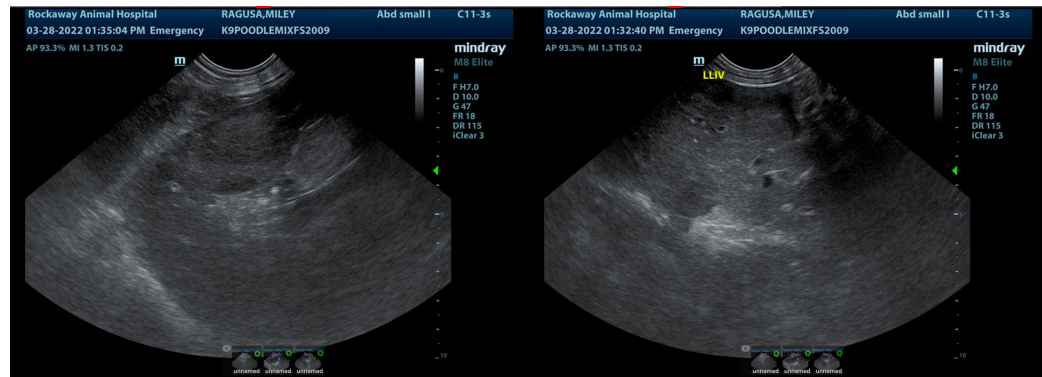
Rockway AH

**REFERRING VET**

Dr. Maniar

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Further imaging of the pelvic urethra indicated. However, significant iliac pathology noted. Ultrasound guided FNA of the iliac lymph nodes, liver and kidneys recommended. Concern for multicentric neoplasia/lymphoma in this patient. Prognosis is guarded to poor depending upon responsiveness to chemotherapy.

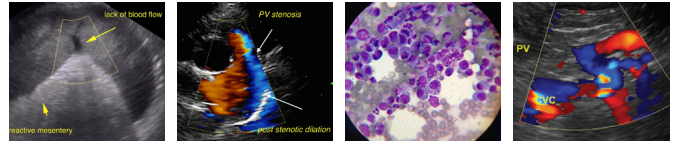


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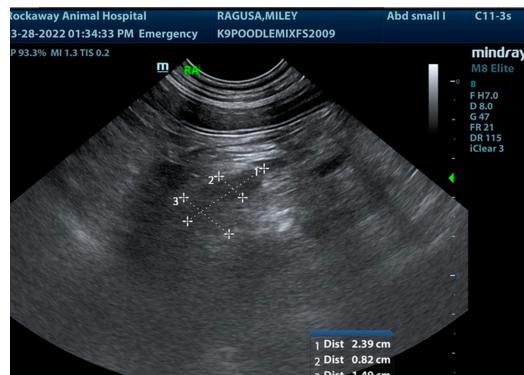
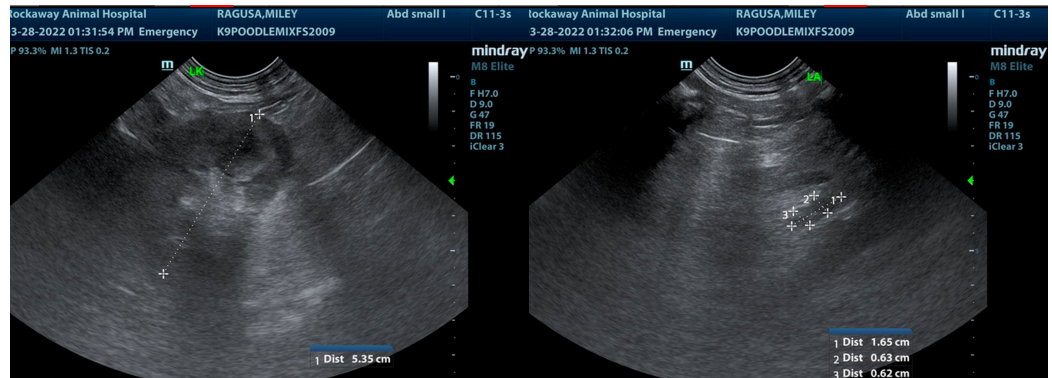
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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