



**PATIENT PRESENTING CLINICAL SIGNS**

Lily Kipetz History: urinating blood, straining to urinate

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine **Urinary System**

**BREED**

Labrador

The **urinary bladder** revealed a concentric mass that occupied the caudal bladder. The mass measured 1.8 cm. The urethra appeared unremarkable, yet the mass encroaches upon a cystourethral junction in a kissing lesion fashion. The ureters were non-obstructive, however, the mass encroaches upon the ureteral papillae.

**SEX**

Spayed Female

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 **right kidney** was dystrophic and irregular with a cortical infarct and cystic changes. The right kidney measured 3.4 cm.

**AGE**

11 years

**Adrenal Glands**

**WEIGHT**

70 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 0.8 x 0.5 cm.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

**IMAGING PERFORMED BY**

Jenn

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 was noted.

**HOSPITAL NAME**

Rockaway AH

**Liver**

**REFERRING VET**

Dr. Maniar

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.

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**Gastrointestinal**

**DATE**

4/9/22

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



**PATIENT** demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Lily Kipetz

**SPECIES** *Pancreas*

Canine 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**

Labrador

**ULTRASONOGRAPHIC FINDINGS**

**SEX** Bladder mass. Strong suspicion for carcinoma.

Spayed Female Dystrophic right kidney.

**AGE** INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

11 years Cystoscopy with bladder wall biopsies is warranted to confirm the suspicion of carcinoma. Pronounced polypoid hyperplasia is possible. Exploratory partial cystectomy can be considered in this patient; however, clean resection is unlikely given the position of the mass. It appears to be a concentric lesion.

**WEIGHT**

70 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

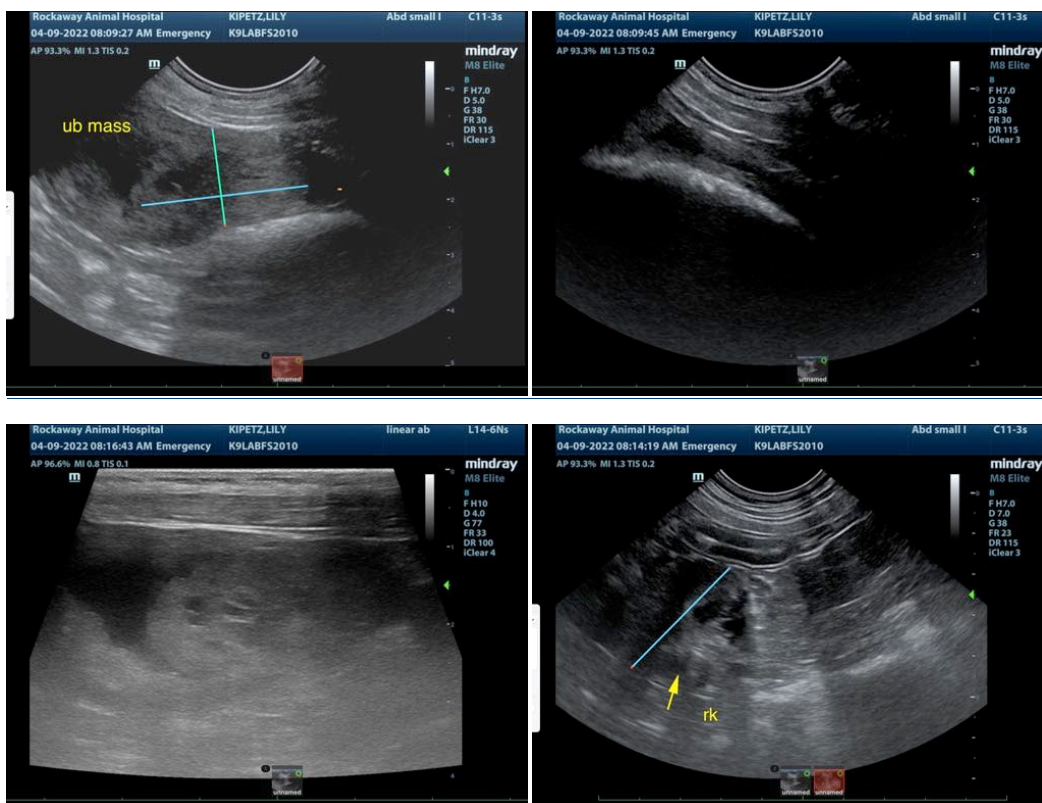
Dr. Maniar

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**DATE**

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**PATIENT**

Lily Kipetz

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.

**BREED**

Labrador

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

**SEX**

Spayed Female

**AGE**

11 years

**WEIGHT**

70 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

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