



PATIENT

Molly Hopper

PRESENTING CLINICAL SIGNS

History: Gross hematuria.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Kerry Blue Terrier

The **urinary bladder** and trigone presented normal thicknesses and normal tone. The urethra and cystourethral junction revealed an extensive 4.0 x 2.0 cm mineralizing mass. This is strongly consistent with transitional cell carcinoma. Concurrent bladder sand with suspended debris was noted. The cranial aspect of the bladder appeared unremarkable.

SEX

Spayed Female

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. The left kidney measured 5.55 cm. The right kidney measured 6.5 cm.

AGE

13 years

WEIGHT

10 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 0.54 cm. The left adrenal gland measured 0.56 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** revealed heterogenous parenchymal changes with irregular swelling at the cranial pole.

IMAGING PERFORMED BY

Dave Stasiuk RDMS,
RDCE

Liver

The **liver** revealed multi-focal, hypoechoic nodular changes with mild to moderate disrupted architecture. The liver revealed uniform diaphragmatic and capsular contour. The gallbladder and common bile duct were unremarkable.

HOSPITAL NAME

Resolution Veterinary
Ultrasound

REFERRING VET

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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.

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12/10/21



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Pancreas

SPECIES

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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

Kerry Blue Terrier

ULTRASONOGRAPHIC FINDINGS

Deep pelvic urethral mass. Concurrent bladder sand with suspended debris.

Undefined nodular splenic and hepatic changes.

SEX

Spayed Female

Moderate degenerative renal disease.

AGE

13 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Referral for ultrasound-guided laser ablation or stent placement with chemotherapy would be warranted. However, FNA of the splenic and hepatic changes is recommended.

WEIGHT

10 kg

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Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dave Stasiuk RDMS,
RDCS

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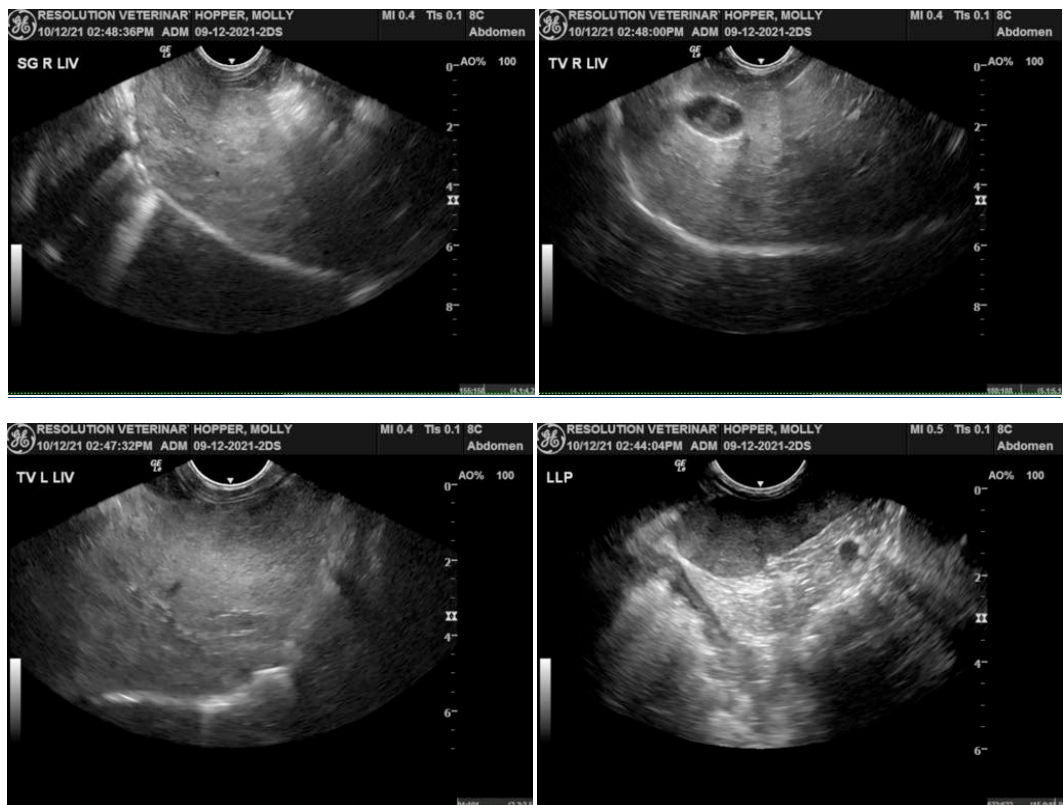
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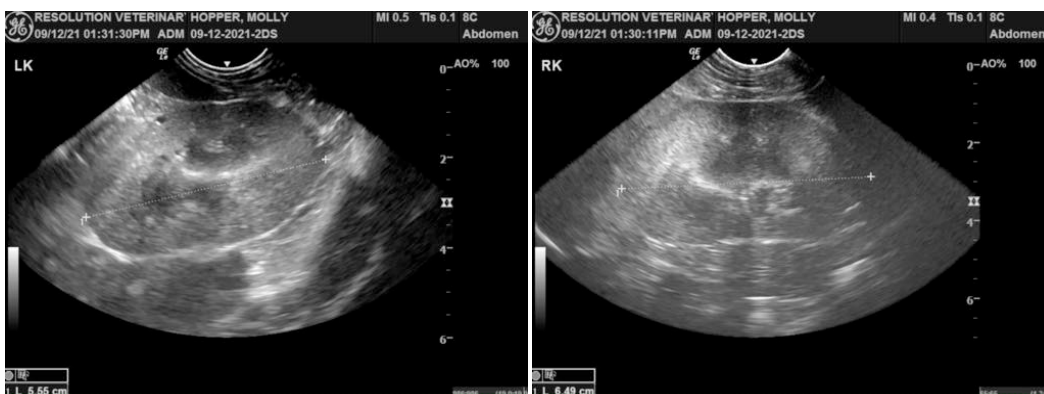
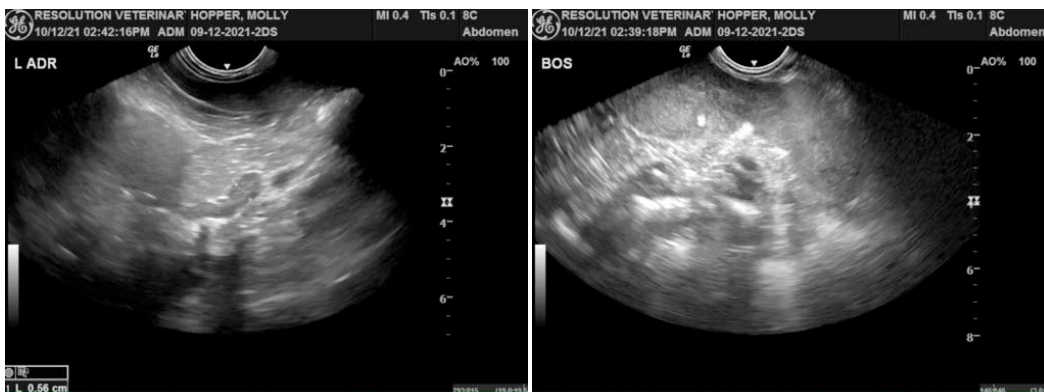
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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