



## PATIENT

April Robinson

## SPECIES

Canine

## BREED

English Setter

## SEX

FS

## AGE

13yr

## WEIGHT

64.3lb

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

## IMAGING PERFORMED BY

Christa Williams DVM

## HOSPITAL NAME

Caravan Vet

## REFERRING VET

Christa Williams DVM

## INVOICE 24687

## DATE 04/29/2026

## PRESENTING CLINICAL SIGNS

This is a recheck scan to keep tabs on her splenic mass and transitional cell carcinoma. Last US through SonoPath on 11.21.25. FNA performed today on mass, results pending. Chest xrays taken and appear normal to me, rad review pending. Dog has an occasional cough, but is otherwise doing well. She does have pollakiuria but no stanguria. Cadet Braf positive in December 2025.

Abnormal PE/Chem/CBC/UA Results: labs are pending. currently on piroxicam and doing well.

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

The urinary bladder was subnormal in size owing to lack of urine distension which prohibited full evaluation of the urinary bladder walls. Minimal anechoic urine with mild, non-dependent, possibly accumulated urine sediment. Subjective mildly thickened ventral trigone and cystourethral junction. The ventral trigone wall measured 0.64 cm. The dorsal urinary bladder wall measured 0.67 cm. Cystourethral junction and proximal urethral mass measuring ~ 3.2 cm length by 1.2 cm diameter. No obvious obstructive criteria to urine outflow given non-distended urinary bladder.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.5 cm in length. The right kidney measured 6.5 cm in length.

### *Adrenal Glands*

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The right adrenal gland was indistinctly visualized. The left adrenal gland measured 0.47 cm width in the caudal pole. The right adrenal gland subjectively measured 0.51 cm width in the caudal pole.

### *Spleen*

The spleen exhibited a primarily spherical mass exhibiting non-homogenous non-cavitated parenchyma measuring ~ 9 cm in diameter progressive in size compared to the previous study. The remainder of the spleen was sonographically normal.

### *Liver/Gallbladder*

The liver was subjectively mildly enlarged with areas of mildly asymmetrical contour. Moderate non-homogenous to indistinctly nodular hepatic parenchyma. Normal vascular volume. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and mild non-organized debris. The cystic and common bile ducts were normal.

### *Gastrointestinal*

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.



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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of mechanical/metabolic ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

## SPECIES

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### *Pancreas*

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

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### *Free Abdomen*

No evidence of peritoneal effusion was present.

## SEX

FS

Solitary enlarged medial iliac lymph node was present. The lymph node was homogenous, mildly hypoechoic and smoothly marginated. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was present. An example of lymph node size was 2.0 cm x 0.91 cm.

## AGE

13yr

## ULTRASONOGRAPHIC FINDINGS

### *Primary*

- Progressive splenic mass
- Mild hepatomegaly exhibiting significant non-homogenous indistinctly nodular parenchyma
- Mild gallbladder debris
- Static chronic renal changes
- Proximal urethral mass with concurrent variably thickened yet empty urinary bladder
- Mildly swollen hypoechoic medial iliac lymphadenopathy

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## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Potential extension of neoplastic criteria from the urethra and involving the urinary bladder is of concern. Likewise, early metastasis to the medial iliac lymph node is suspected. Concurrently, splenic mass progression and similar to mildly progressive hepatic parenchymal nodular changes indicate high concern for multicentric, potentially separate neoplastic processes. Correlation with pending cytology is recommended. Continued serial sonographic monitoring, assuming oncology consult or surgical intervention is recommended.

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**BREED**

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**SEX**

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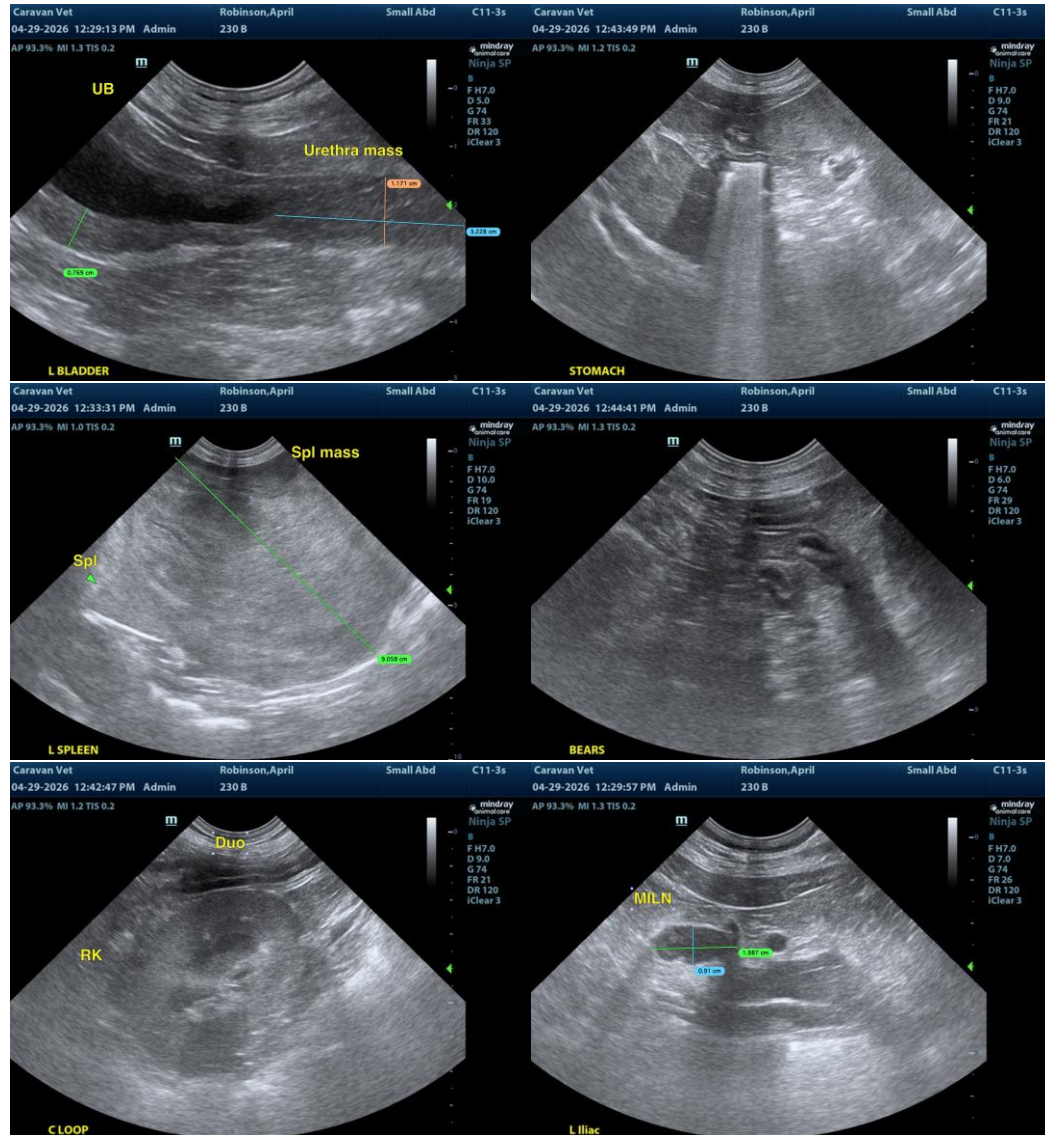
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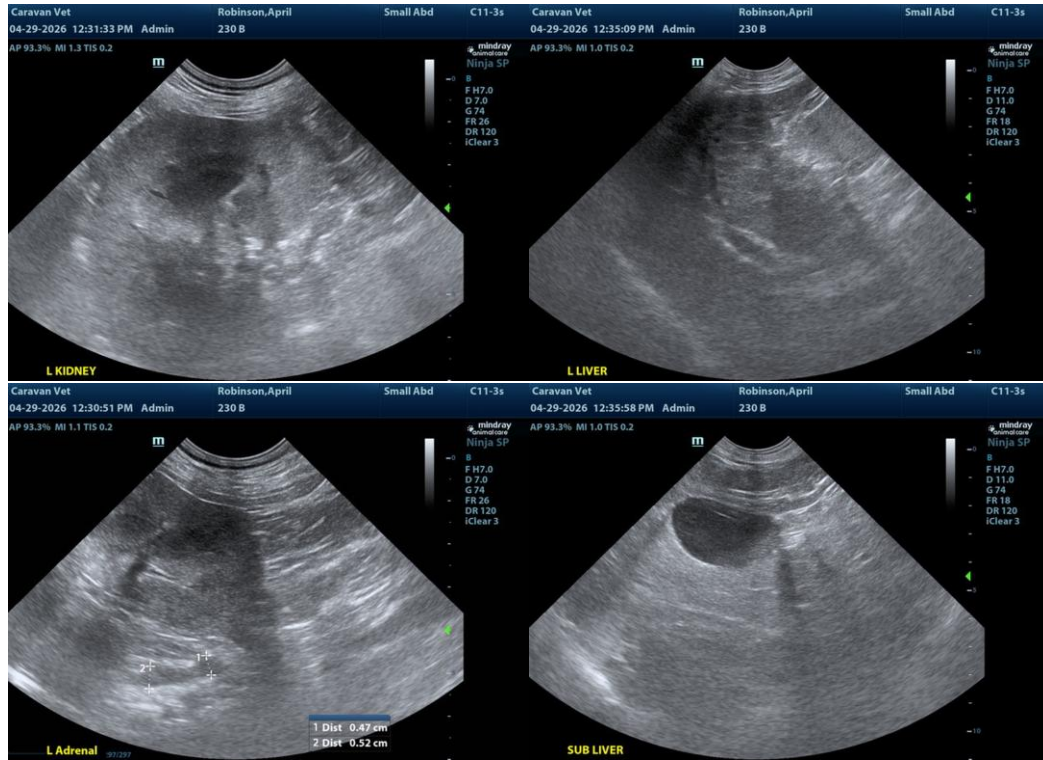
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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