

**PATIENT**

Skye Mojica

**PRESENTING CLINICAL SIGNS**

History: Reoccurring vaginal discharge and UTI's

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****Urinary System**

The **urinary bladder** presented normal thicknesses and normal tone. No uroliths or sediment were visualized and anechoic urine was present. The uterine stump was visualized and measured 0.4 cm and was empty. There was no evidence of pathology. The left ureter was prominent and dilated just prior to the ureteral papilla at 0.2 cm. No flow was noted into the bladder itself on color flow assessment and there appears to be a caudal intramural direction to a branch of this ureter that tapers toward the cystourethral junction and urethra. I recommend CT with contrast.

**BREED**

Beagle Bulldog

**SEX**

Spayed Female

The **kidneys** 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 capsules were acceptably uniform without significant irregularities. The right kidney measured 5.58 cm. The left kidney measured 5.32 cm.

**AGE**

11 months

**WEIGHT**

35 Pounds

**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 left adrenal gland measured 0.46 cm at the cranial pole and 0.53 cm at the caudal pole. The right adrenal gland measured 0.57 cm at the caudal pole and 0.48 cm at the cranial pole.

**INTERPRETED BY**Eric Lindquist, DMV  
DABVP, Cert. IVUSS**Spleen**

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally. This is a positional variant and is not pathological. There was no evidence of significant disease.

**IMAGING PERFORMED BY**

Amy Mayhew LVT

**HOSPITAL NAME**

SVS Imaging Michigan

**Liver**

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.

**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. The epigastric lymph nodes were reactive and measured 0.62 cm. This is consistent with juvenile lymph node.

**DATE**

9/12/22



**PATIENT**

**Pancreas**

Skye Mojica

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**

Suspect left intramural ectopic ureter, potentially entering into the urethra.

Beagle Bulldog

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

CT with contrast confirmation is recommended and/or cystoscopy to examine the vaginal vault for urine pooling and other pathology as well as visualize potential ureterectomy and eventual laser ablation if necessary. However, I would start with CT with contrast to confirm suspicion of intramural ectopic ureter.

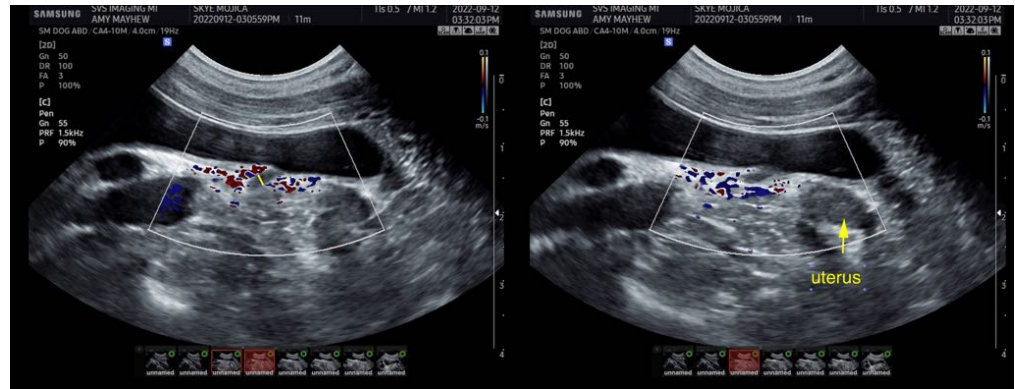
Spayed Female

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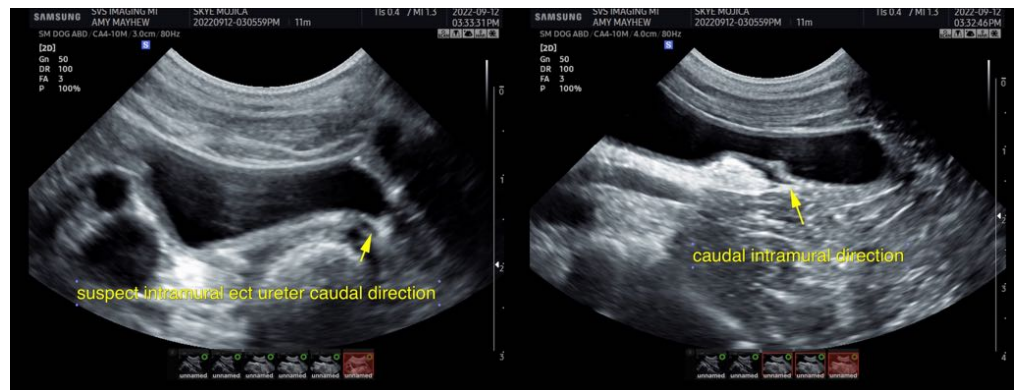


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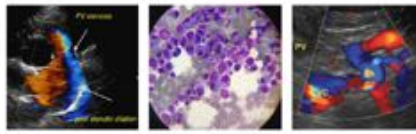
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**IMAGING PERFORMED BY**

SVS Mobile Imaging MI 734-637-7711  
svsimagingmi@gmail.com



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**SPECIES**

Canine

**BREED**

Beagle Bulldog

**SEX**

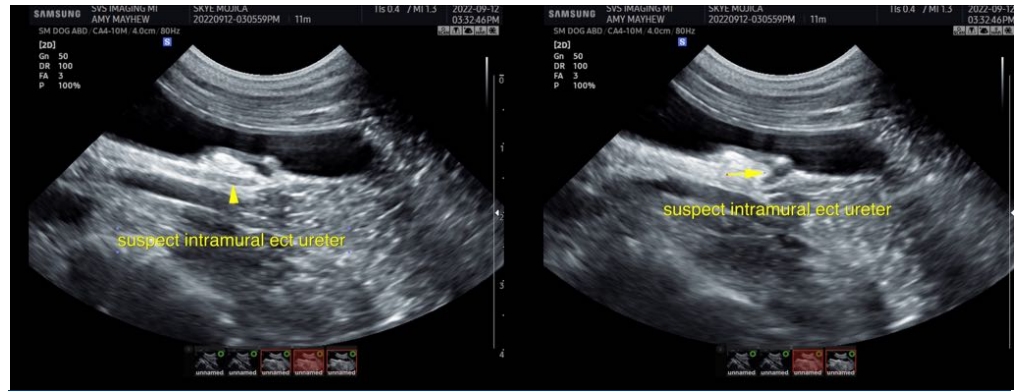
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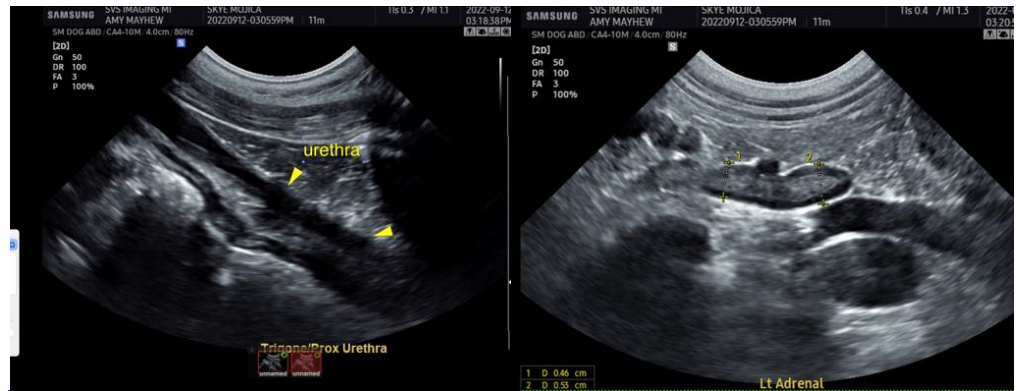
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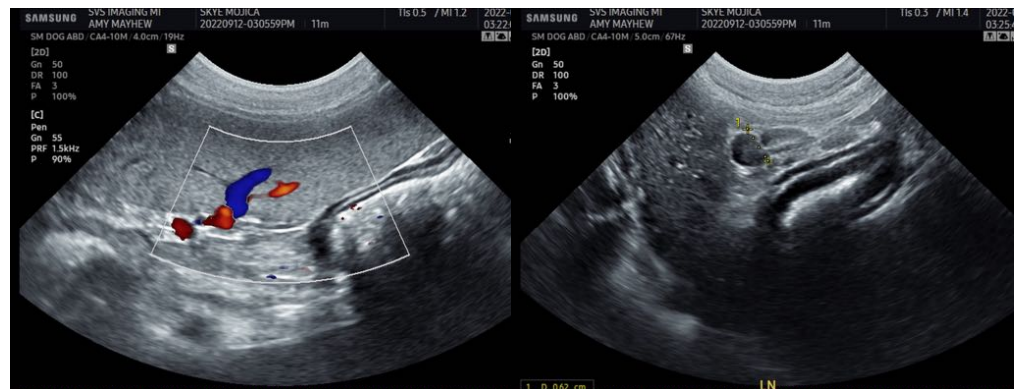
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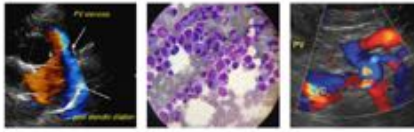
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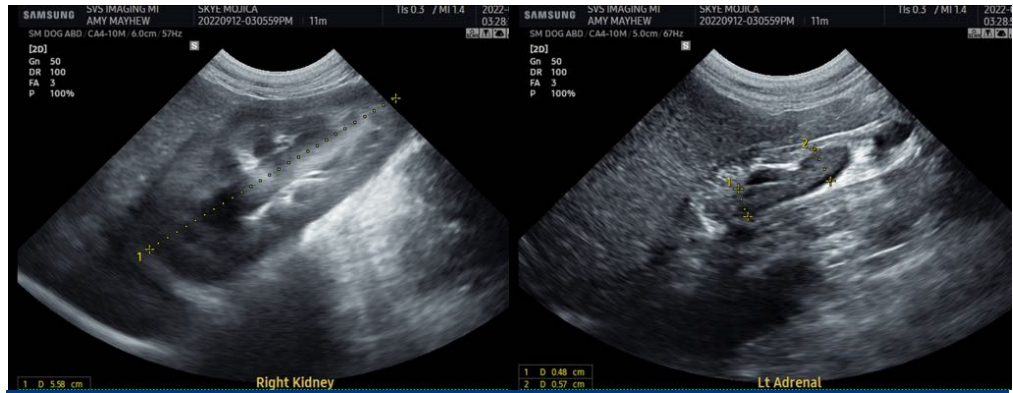
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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