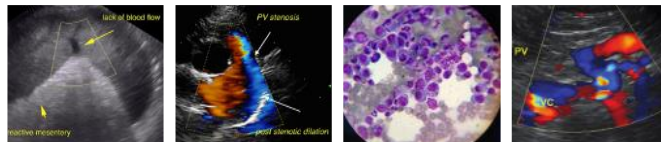


<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Dutch Ramirez	Presented for difficulties defecating
<b>SPECIES</b>	Abnormal PE/Chem/CBC/UA Results: On rectal exam large mass felt on dorsal colon
Canine	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
<b>BREED</b>	<b>Urinary System</b>
English Bulldog	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
<b>SEX</b>	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 5.4 cm in length. The right kidney measured 5.8 cm in length.
MN	
<b>AGE</b>	The area of the aortic trifurcation was free of pathology.
8yr	The residual prostate was not definitively visualized.
<b>WEIGHT</b>	<b>Adrenal Glands</b>
52lb	The left and right adrenal glands were not definitively visualized. No obviously pathology was present in the area of the bilateral adrenal glands.
<b>INTERPRETED BY</b>	<b>Spleen</b>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory or neoplastic disease.
<b>IMAGING PERFORMED BY</b>	<b>Liver</b>
Jose	The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
<b>HOSPITAL NAME</b>	<b>Gastrointestinal</b>
Animal Clinic of Queens	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.
<b>REFERRING VET</b>	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 ileus, obstruction or foreign material.
Dr. Thomas	<b>DATE</b>
	A large non-homogeneous mass was present in the area of the distal descending colon and colorectum dorsal to the urinary bladder and proximal urethra with suspect ventral urethral displacement. The mass
<b>INVOICE</b>	
11840ag	
<b>DATE</b>	
10/11/2022	



**PATIENT**

Dutch Ramirez

measured ~ 7 – 7.5 cm in diameter. The mass was directly adjacent to the visualized distal descending colon at the level of the apical urinary bladder. Small pockets of scant free fluid noted between the colon mass and dorsal aspect of the urinary bladder. The visualized segments of colon proximal to the area of the mass appeared to be distended with formed shadowing fecal matter.

**SPECIES**

Canine

**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.

**BREED**

English Bulldog

**Free Abdomen**

Small pockets of scant free fluid noted between the colon mass and dorsal aspect of the urinary bladder.

**SEX**

MN

Suspect variably sized medial iliac lymphadenopathy was present, an example of a lymph node measured 2.8 cm in diameter.

Subtle evidence of hyperechoic omentum noted around the mass and urinary bladder.

**AGE**

8yr

**ULTRASONOGRAPHIC FINDINGS**

- Large non-homogenous mass in the area of the distal descending colon/colorectum
- Subjective feces distended descending colon proximal to the mass
- Suspect variably prominent medial iliac lymphadenopathy

**WEIGHT**

52lb

**Secondary**

- Mild age-related renal changes

**INTERPRETED BY**

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

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Given the patient history along with reported exam findings the mass is most likely associated with the distal descending colon and colorectum and is sonographically consistent with neoplastic criteria. Potential for non-colonic/rectal origin of the mass i.e. residual prostatic neoplasia or other neoplasia is considered less likely yet cannot be definitively excluded. Concern for regional medial iliac metastatic lymphadenopathy is warranted. Assuming normal clotting status, an ultrasound guided colon mass FNA for screening cytology could be considered. CT assessment for further clarification and possible surgical options is recommended if possible. Three view chest radiographs are recommended if not done to assess for occult thoracic pathology.

**IMAGING PERFORMED BY**

Jose

**HOSPITAL NAME**

Animal Clinic of  
Queens

**REFERRING VET**

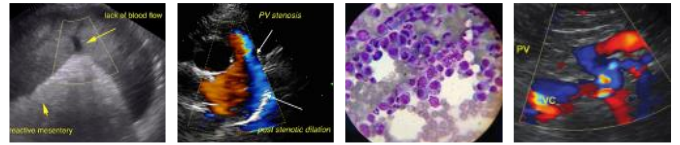
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**DATE**

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**PATIENT**

Dutch Ramirez

**SPECIES**

Canine

**BREED**

English Bulldog

**SEX**

MN

**AGE**

8yr

**WEIGHT**

52lb

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Jose

**HOSPITAL NAME**

Animal Clinic of  
Queens

**REFERRING VET**

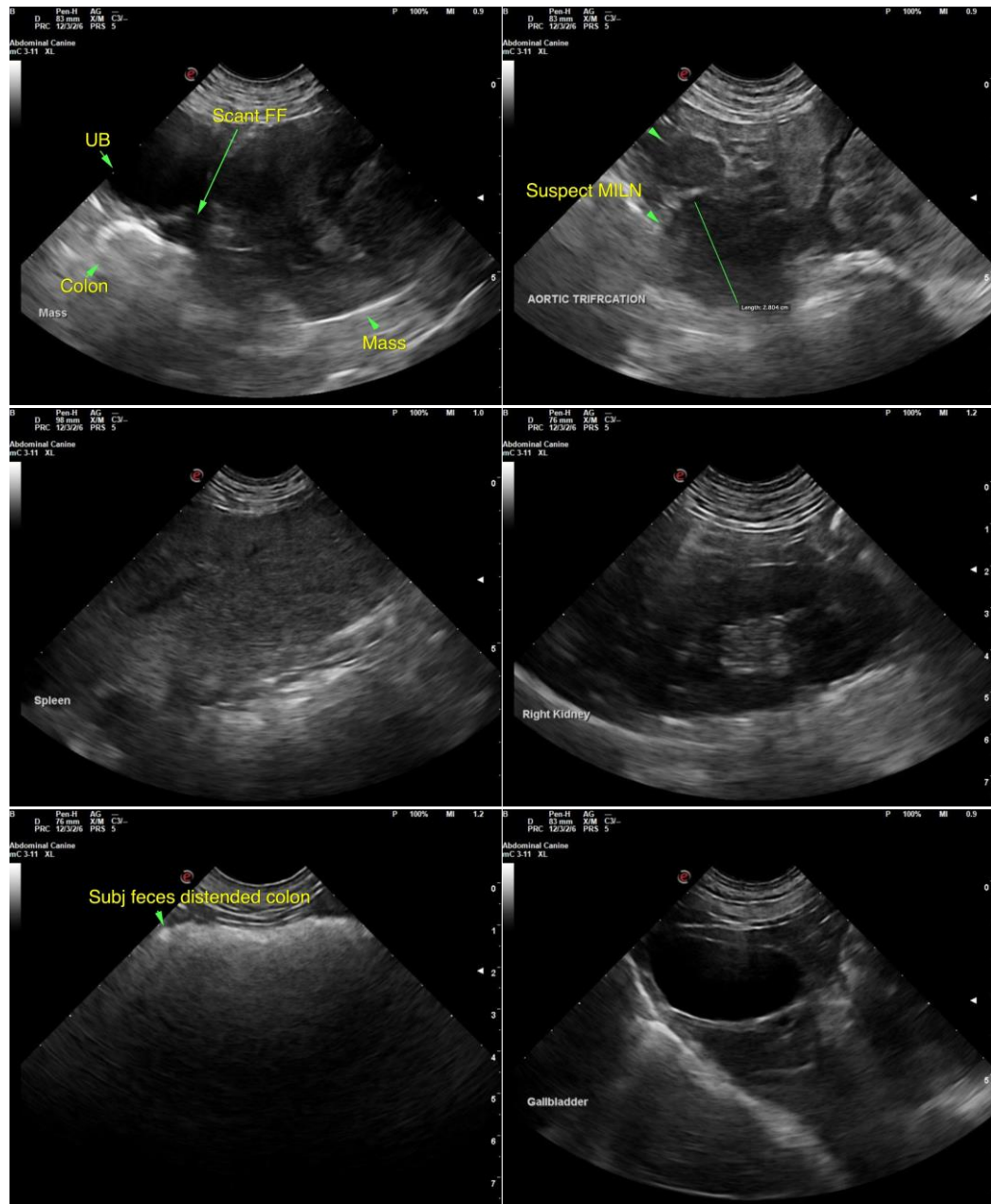
Dr. Thomas

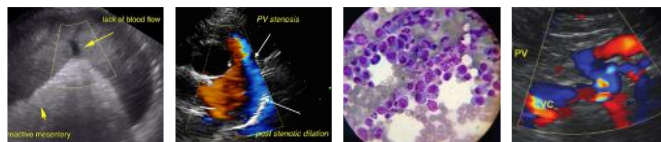
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**PATIENT**

Dutch Ramirez

**SPECIES**

Canine

**BREED**

English Bulldog

**SEX**

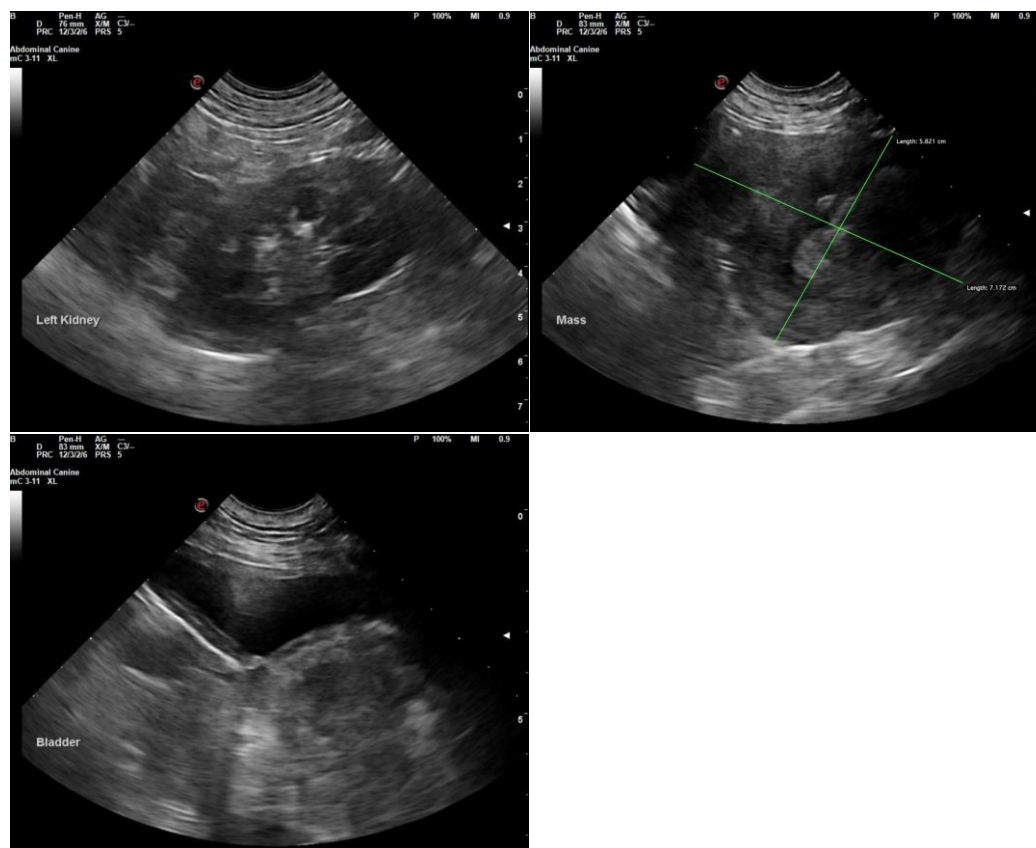
MN

**AGE**

8yr

**WEIGHT**

52lb



**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Jose

**HOSPITAL NAME**

Animal Clinic of  
Queens

**REFERRING VET**

Dr. Thomas

**INVOICE**

11840ag

**DATE**

10/11/2022

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com