



**PATIENT**

Cola Warren

**SPECIES**

Canine

**BREED**

Great Dane

**SEX**

Female

**AGE**

1 Year 7 Months

**WEIGHT**

135.1 lbs

**INTERPRETED BY**

Tam Mengine, DVM,  
DABVP (canine/feline  
practice)

**IMAGING  
PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

Branchville Country  
Veterinary Clinic

**REFERRING VET**

Dr. Talbot-Valerio

**INVOICE**

72621

**DATE**

1/30/26

**PRESENTING CLINICAL SIGNS**

Kidney evaluation – asymptomatic. Heat cycle began Sept. ended Dec. Pre sx evaluation for spay.

Abnormal PE/Chem/CBC/UA Results: BUN/creat 22, urea Nite 53, creat 2.4, phos 35 U/a prot 2+ USG 1.017

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder is moderately distended with anechoic urine, and no luminal sediment is present. The ureteral papillae, trigone and pelvic urethra (visible to 4.0 cm) are of normal appearance, and the ureters are not visible (normal). No masses, calculi or mucosal irregularities are noted.

The right kidney is of normal size, while the left kidney is of subnormal size. Both kidneys have an irregular shape and loss of the normal corticomedullary architecture. The renal pelvis appears normal in both kidneys. There is no evidence of nephrolithiasis, mineralization, cystic change or hydronephrosis. The proximal ureters are not visible (normal). Left kidney measures 7.7 cm. Right kidney measures 10.1 cm.

**Adrenal Glands**

The adrenal glands are both identified in their normal locations. They are normal in size and shape with appropriate parenchymal echogenicity and normal phrenic vasculature. Left measures 5.1 mm at the cranial pole and 5.2 mm at the caudal pole. Right measures 6.2 mm at the caudal pole.

**Spleen**

The spleen is of appropriate size and has a normal, homogenous parenchyma with a smooth, continuous capsular surface. The splenic vasculature is normal with no evidence of congestion or thrombosis, and blood flow through the splenic hilus appears normal.

**Liver**

The liver is of appropriate size and shape, with sharp borders and a mildly coarse parenchymal echotexture that is hypoechoic to the spleen. The portal and hepatic vasculature are of normal size and appearance with no evidence of congestion or thrombosis.

The gallbladder is moderately distended with anechoic contents. The wall was thin and continuous with no focal lesions. The cystic and common bile ducts are normal / not visible.

**Gastrointestinal**

The stomach is mildly distended with ingesta. The gastric wall is 3.9 mm with normal deviations due to rugal folds, and exhibits appropriate wall layering. The pylorus is of normal appearance.

The visualized portions of the duodenum, jejunum, and ileum are of normal thickness with intact wall layering that exhibits the appropriate 1:3 muscularis to mucosa ratio. Intestinal motility appears normal.

The visible portions of the colon are of normal thickness (1.5 mm) with intact wall layering. The ileocecal junction is not seen.



**PATIENT**

**Pancreas**

Cola Warren

The areas of the limbs and body of the pancreas are isoechoic to the surrounding mesenteric fat, with normal capsular appearance. There is no evidence of peripancreatic inflammation. The pancreatic duct appears normal.

**SPECIES**

Canine

**Free Abdomen**

**BREED**

Great Dane

There is no evidence of free fluid within the peritoneal cavity. The omentum and intra-abdominal fat are of appropriate echogenicity. Enlarged abdominal lymph nodes are not observed. The aortic trifurcation has normal blood flow with no evidence of thrombosis.

**SEX**

Female

The uterine horns are dilated with anechoic fluid. The surrounding omental fat appears normal. There is no evidence of pregnancy. The ovaries are visualized and appear normal. The left ovary measures 2.3 cm in length. The right ovary measures 1.5 cm in length.

**AGE**

1 Year 7 Months

**PRIMARY FINDINGS**

- Bilaterally irregular kidneys with loss of normal architecture, typical of renal dysplasia.
- Fluid filled uterine horns without inflammation, most typical of hydrometra or mucometra.

**WEIGHT**

135.1 lbs

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The appearance of the kidneys is consistent with renal dysplasia. The left kidney appears more affected than the right. Overall, changes are subjectively mild, but given the patient's young age, ongoing monitoring at 6 month intervals is recommended as follows:

**INTERPRETED BY**

Tam Mengine, DVM,  
DABVP (canine/feline  
practice)

- a CBC, chemistry panel, urinalysis with urine protein creatinine ratio.
- blood pressure measurement
- urine culture should also be considered, particularly if urine sediment is active
- dietary and supportive care recommendations can be made, based on the staging of the disease as outlined in the IRIS guidelines

**IMAGING PERFORMED BY**

Shari Reffi, CVT

There is no evidence of inflammation associated with the uterus, suggesting that a pyometra would be unlikely. Nevertheless, given the presence of fluid, ovariohysterectomy is recommended. Several hours of intravenous fluid therapy prior to anesthesia along with continuous monitoring of blood pressure and management as necessary to avoid hypotension would be recommended during anesthesia.

**HOSPITAL NAME**

Branchville Country  
Veterinary Clinic

**REFERRING VET**

Dr. Talbot-Valerio

**INVOICE**

72621

**DATE**

1/30/26





**PATIENT**

Cola Warren

**SPECIES**

Canine

**BREED**

Great Dane

**SEX**

Female

**AGE**

1 Year 7 Months

**WEIGHT**

135.1 lbs

**INTERPRETED BY**

Tam Mengine, DVM,  
 DABVP (canine/feline  
 practice)

**IMAGING  
 PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

Branchville Country  
 Veterinary Clinic

**REFERRING VET**

Dr. Talbot-Valerio

**INVOICE**

72621

**DATE**

1/30/26



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.

**Tam Mengine, DVM, DABVP (canine/feline practice)**

info@SonoPath.com