



**PATIENT PRESENTING CLINICAL SIGNS**

Savannah Morales History: 2-3rd opinion. Inappropriate urinary since puppyhood. Recent abdominal ultrasound and internal medicine consult (see attached report).  
Abnormal PE/Chem/CBC/UA Results: see attached report

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

A high resolution pre- and post-contrast (multiple post contrast phases) CT study of the abdomen is provided for review.

**BREED**

Golden Retriever

**COMPUTED TOMOGRAPHIC FINDINGS**

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

**SEX**

Spayed Female

The left kidney presents within normal limits for size, shape and organ architecture. The volume of the right kidney is markedly reduced, measuring 1.5 x 1.1 x 3.5 cm in size. The margins of the right kidney are mildly irregular. The renal pelvis of the left kidney is mildly dilated, measuring 5 mm in height. The left ureter is mild to moderately dilated, measuring up to 6 mm in diameter; moderate to marked dilation of the right ureter is noted measuring up to approximately 1.2 cm in diameter. The left ureter enters the urinary bladder wall 1.5 cm cranial to the vesicourethral junction and is extending caudally with the urinary bladder wall and likely entering the urinary bladder approximately 5 mm cranial to the bladder neck. The right ureter enters the urinary bladder wall approximately level with the left ureter and can be seen as a dilated tubular structure within the urinary bladder wall and can be followed caudally up to the urinary bladder neck.

**AGE**

2 Years

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

The adrenal glands are within normal limits for size, shape and organ architecture.

**HOSPITAL NAME**

Mobile Pet Imaging

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

**REFERRING VET**

Meaux

In the stomach, a short tubular shaped homogeneous moderate hyperattenuating body with a peripheral ring in the middle segment is visible, measuring 1.9 cm in length and 3.0 cm in diameter. The bony and surrounding soft tissue structures reveal no abnormalities.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**INVOICE**

12593

- Bilateral uteral ectopia with intramural course of both ureters
- Left sided congenital renal dysplasia versus end-stage kidney
- Bilateral hydroureter
- Left sided mild pyelectasia

**DATE**

8/18/21



**PATIENT** • Geometric gastric foreign body

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Savannah Morales

The findings are compatible with bilateral ureteral ectopia with an intramural course of the ureters. Whereas the opening of the left ureter appears to be level with the urinary bladder neck, the opening of the right ureter cannot be appreciated due to the lack of contrast enhancement. The findings explain the urinary incontinence. Neoureterostomy of the left ureter is the therapy of choice. Right sided nephrectomy and resection of the right ureter is recommended.

**SPECIES**

Canine

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Removal of the gastric foreign body appears beneficial as intestinal obstruction may occur.

Golden Retriever

**SEX**

Spayed Female

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**REFERRING VET**

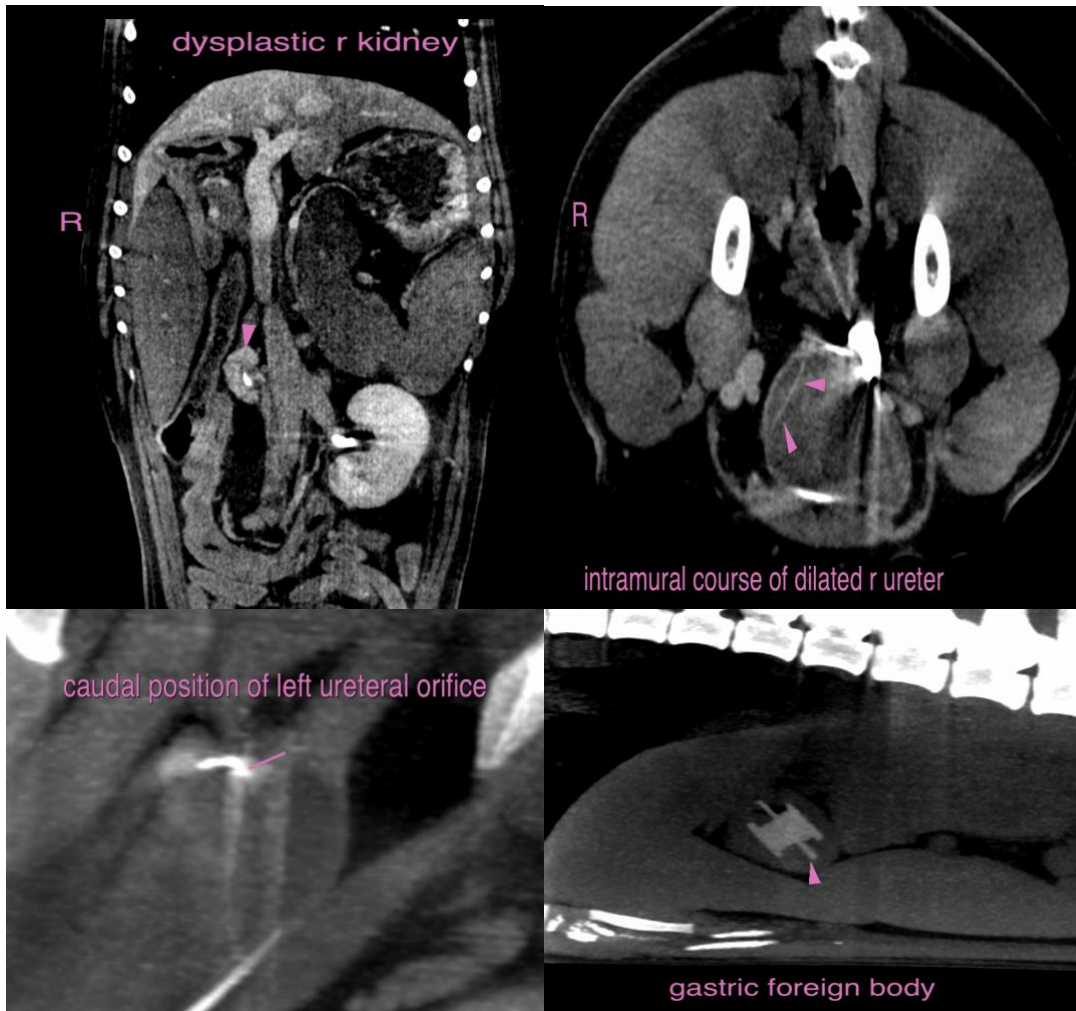
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**PATIENT**

Savannah Morales

**SPECIES**

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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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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