



**PATIENT**

Tula Heather

**PRESENTING CLINICAL SIGNS**

Tula presents for further diagnostics to determine the cause of enlarged vulva

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

Plain and post contrast studies available for review.

**BREED**

Maltese

**COMPUTED TOMOGRAPHIC FINDINGS**

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

**SEX**

Female

The right kidney is not seen.

**AGE**

9 Months

No ovaries are seen in the expected position. Two ovoid cystic structures with peripheral enhancing soft tissue of 1.0 cm diameter are seen to the right and left of the cranial pole of the urinary bladder. A moderately enlarged uterus is seen caudal of these structures, dorsal of the urinary bladder, and can be traced through the pelvic cavity where it blends into generalized enlarged vaginal tissues. Cranial of the pubic rim, a cystic structure of 2.5 x 1.0 cm with uniformly fluid attenuating content and thin enhancing wall is seen to the left of the enlarged uterus. These structures appear to share wall tissue and vascularity.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The urinary bladder is moderately distended. The right ureter is not seen. The left ureter can be traced caudally up to the level of the urinary bladder neck where it remains unclear as to whether it blends into the enlarged uterus or into the urinary bladder/urethra.

**HOSPITAL NAME**

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

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

**REFERRING VET**

Dr. Horsley

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

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

The bony and surrounding soft tissue structures reveal no abnormalities.

**INVOICE**

47671

- Congenital urogenital malformation with presumed intersex development.
- Aplasia of the right kidney.
- Uterine and vaginal hyperplasia.

**DATE**

10-4-21

**COMPUTED TOMOGRAPHIC DIAGNOSIS**



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**REFERRING VET**

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**INVOICE**

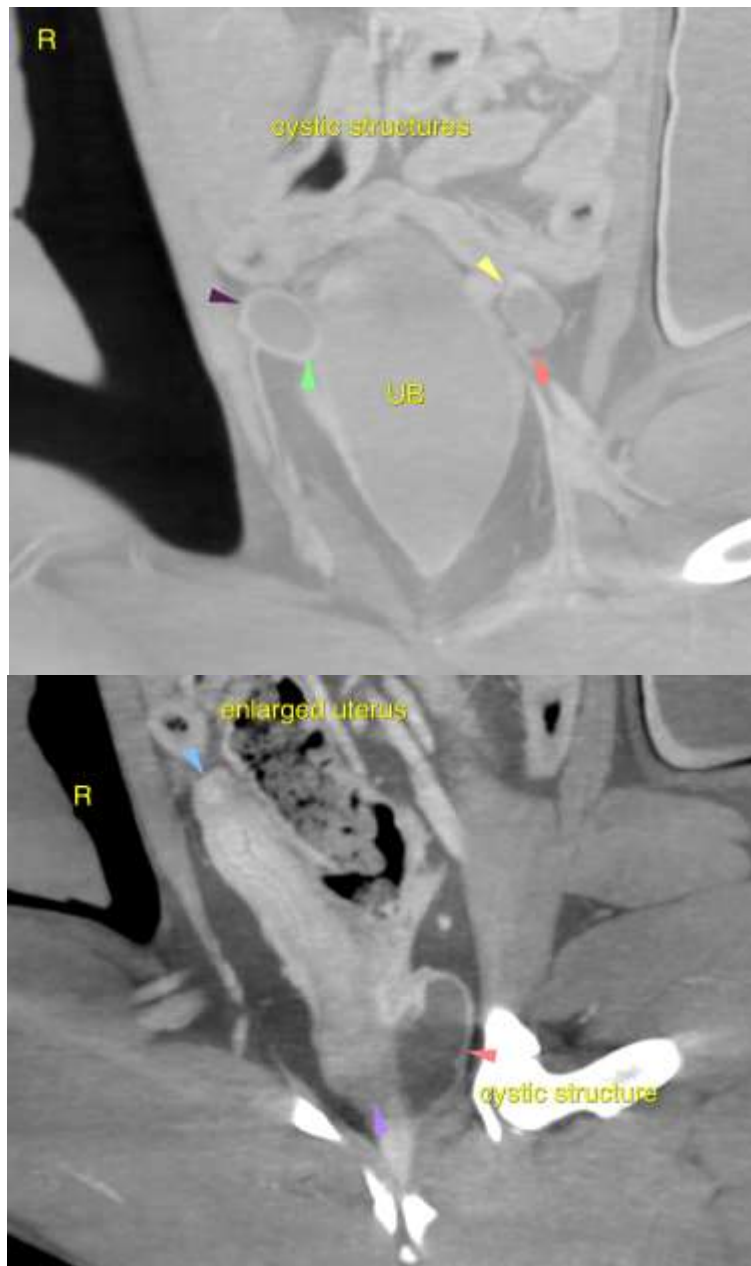
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The cystic structures level with the cranial pole of the urinary bladder are likely to represent testicles with epididymis. Malshaped ovaries cannot be ruled out, but this is considered by far less likely based on the CT presentation. The cystic structure within the pelvic canal to the right of the enlarged uterus is likely to represent Mullerian / dilated Wolffian duct cyst. It remains unclear as to whether the left ureteral orifice is in its anticipated position or ureteral ectopia is present. Consider ultrasound for further definition of which.





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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.

### SPECIES

Canine

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.

### BREED

Maltese

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### SEX

Female

### AGE

9 Months

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Dr. med. Vet. DipECVDI

### HOSPITAL NAME

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### REFERRING VET

Dr. Horsley

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