



**PATIENT**

Koda Matilton

**PRESENTING CLINICAL SIGNS**

Computed Tomography for Koda Matilton Koda was anesthetized to examine the abdomen . An injectable contrast agent was given intravenously, and the scan was repeated. The images were sent for a radiology consultation and the report is pending. Veterinarian: Rory D. Applegate, DVM, DACVIM

**SPECIES**

Canine

**RADIOGRAPHIC & COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

Orthogonal post IV contrast radiographs of the abdomen and plain CT study of the abdomen available for review.

**BREED**

Basset Hound

**RADIOGRAPHIC & COMPUTED TOMOGRAPHIC FINDINGS**

A large fluid filled elongated structure of approximately 20 cm length and 7 cm diameter is seen in the mid and caudal abdomen and can be traced into the pelvic canal. It appears to blend into a tubular structure that is situated between the descending colon and rectum dorsally and the urinary bladder and urethra ventrally.

**SEX**

Male

The anatomy and position of the kidneys appear to be appropriate. There is no evidence of ureteral dilation or obstruction. The ureteral papillae are in their anticipated position.

**AGE**

8 Months

A rudimentary penis bone is seen and there appear to be ovaries caudolateral to both kidneys connecting with thin tubular fluid filled structures that appear to blend into the large cystic structure.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Vulvovaginal tissues appear to be present as far as the perineal area is collimated and included.

**IMAGING DIAGNOSIS**

- Suspect hermaphroditism with uterine malformation and distension.

**HOSPITAL NAME**

Southern Oregon  
Veterinary Specialty  
Center

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The patient appears to be a hermaphrodite with both female and male genitalia (ovaries, malformed uterus, and rudimentary penis). The assessment of the abdominal CT is limited to the availability of a plain study and the collimated field of view where testicles cannot be clearly identified.

**REFERRING VET**

Rory Applegate

The dilated fluid filled structure appears to connect with the vaginal soft tissues and may represent a malformed dilated uterus. Dilation of the mullerian ducts, uterus duplex, or other malformation appear to be a potential too. Aspiration and analysis of the fluid within the cystic structure could be considered for further definition. Physical examination with inspection of the external genitalia and an attempt of retrograde catheterization of the urethra (penile or vaginal) could be performed depending on the situation. Retrograde injection of contrast media through the urethra could be considered as well as in order to ensure the patency and pathway of the urine and micturition as well as to further plan potential surgery such as ovariohysterectomy.

**INVOICE**

56300

**DATE**

1-22-23



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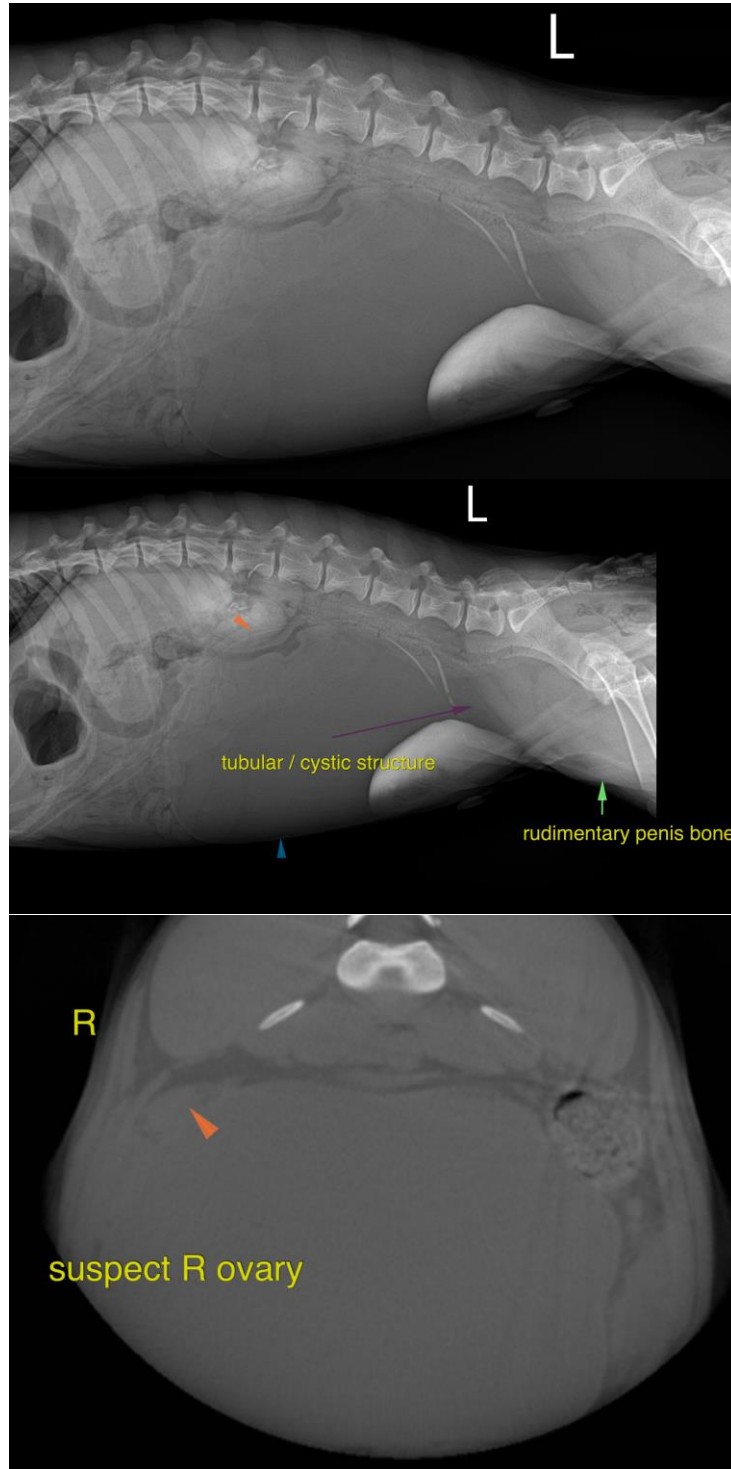
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**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**

Basset Hound

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
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