



**PATIENT PRESENTING CLINICAL SIGNS**

Sadie Bridgewater

Sadie presented for urinary obstruction of acute onset. She had a mild azotemia on initial valuation and a large hypoechoic mass was present in the caudal abdomen surrounding and involving the urethra. Urinary catheter placement relieved the obstruction and diagnostics including CT, tricut, and stent measurement performed. CT pre and 2 post contrast series performed. Computed Tomography for Sadie Bridgewater Sadie 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

**BREED**

Australian Kelpie

**COMPUTED TOMOGRAPHY OF THE ABDOMEN**

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

**SEX**

Female

**COMPUTED TOMOGRAPHIC FINDINGS**

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

**AGE**

5 Years

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

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

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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

The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

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

**HOSPITAL NAME**

Southern Oregon  
Veterinary Specialty  
Center

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

In the pelvic canal, an ovoid shaped, uniform soft tissue attenuating and mild heterogeneous contrast enhancing mass is seen, measuring 10.3 x 5.3 x 6.1 cm in size. The mass in the pelvic canal is merging with the uterus cranially and causes mild widening of the vaginal vestibule. The mass is extending up to the level of the urethral papilla. The rectum is deviated to the right and dorsally and distorted; the urethra is displaced ventrally. The vaginal mucosal lining is prominent and swollen. A urinary catheter is in place.

**REFERRING VET**

Rory Applegate

The hypogastric lymph nodes are unremarkable.

**INVOICE**

56938

Both coxofemoral joints present moderate osteophyte new bone formation.

**DATE**

2-25-23

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Soft tissue mass in pelvic canal, likely originating from the vagina
- Degenerative osteoarthritis coxofemoral joints bilaterally



**PATIENT**

Sadie Bridgewater

**SPECIES**

Canine

**BREED**

Australian Kelpie

**SEX**

Female

**AGE**

5 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Southern Oregon  
Veterinary Specialty  
Center

**REFERRING VET**

Rory Applegate

**INVOICE**

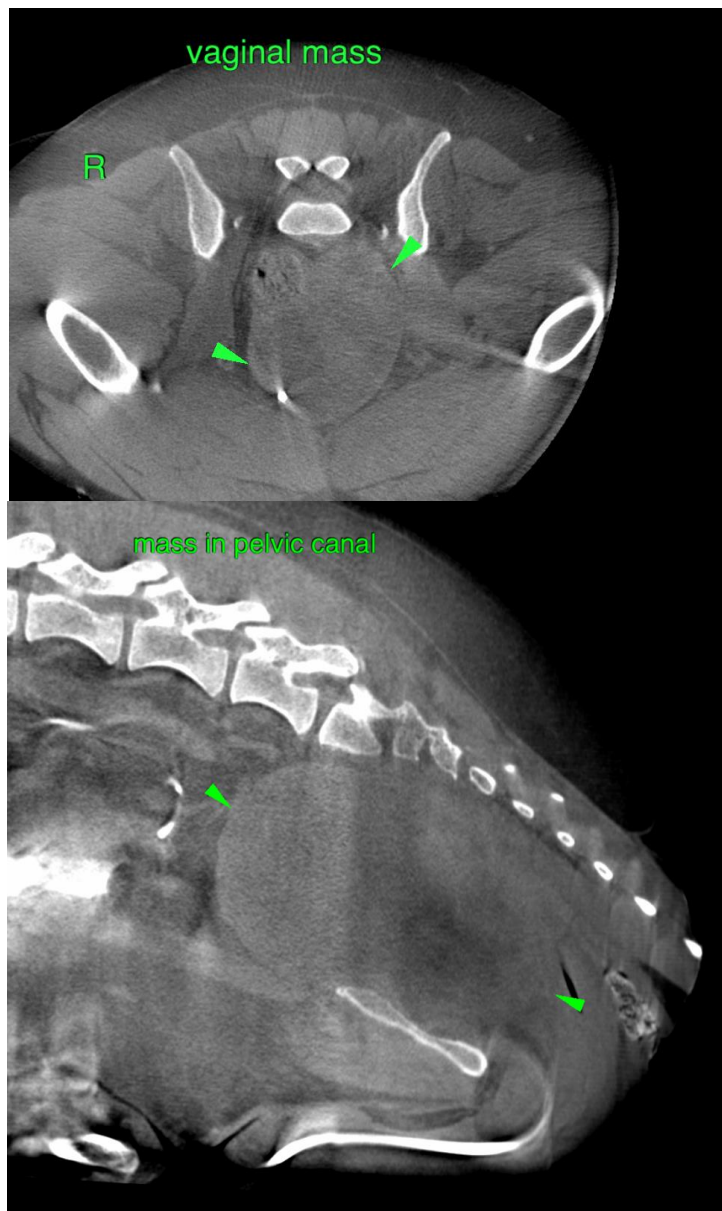
56938

**DATE**

2-25-23

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study presents a soft tissue mass in the pelvic canal, that is likely originating from the vagina. As there was an acute onset of clinical signs and the patient is an intact female dog and growth of these vaginal masses may be stimulated by ovarian steroids I would consider the odds for benign vaginal tumor higher (e.g. vaginal leiomyoma, vaginal polypoid fibroleiomyoma) than for malignant neoplastic transformation (e.g. leiomyosarcoma). Check the current stage of the estrous cycle. A digital vaginal exam ± vaginoscopy is recommended to check if the mass might be pedunculated and if surgical excision by episiotomy might be an option here. Vaginectomy might be considered if the lesion has a broad base to the vaginal wall.





**PATIENT**

Sadie Bridgewater

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**

Australian Kelpie

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

**SEX**

Female

**AGE**

5 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Southern Oregon  
Veterinary Specialty  
Center

**REFERRING VET**

Rory Applegate

**INVOICE**

56938

**DATE**

2-25-23