



**PATIENT**

Lyla Dougherty

**PRESENTING CLINICAL SIGNS**

concerns of vaginal discharge

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE PELVIS**

Post contrast study available for review.

**BREED**

Carolina Dog

**COMPUTED TOMOGRAPHIC FINDINGS**

Moderate enlargement of the uterine body is seen. The uterine body measures approximately 3.0 cm in diameter and contains uniformly fluid attenuating material. The entire length of the uterine horns is not seen, however, the visible parts of the uterine horns are filled with fluid attenuating material too. Small cystic structures are seen in the slightly thickened uterine wall.

**SEX**

Female

The urinary bladder presents moderate generalized wall thickening.

A 2.5 x 3.0 cm sized soft tissue attenuating and heterogeneously enhancing mass is expanding the left anal sac. The right anal sac presents within normal limits.

**AGE**

7

Multiple sacral, hypogastric, and medial iliac lymphadenomegaly is seen bilaterally with the lymph nodes measuring up to 2.0 cm in diameter.

Moderate L6/7 and L7/S1 intervertebral disc protrusions and spondyloses are present.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Pyometra complex
- Left anal sac mass meeting neoplastic criteria.
- Multiple sublumbar and sacral lymphadenomegaly meeting metastatic criteria.
- Chronic cystitis pattern.
- Moderate degenerative lumbosacral stenosis.

**HOSPITAL NAME**

Animal Surgical  
Center - Oceanside

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study confirms presence of uterine enlargement and fluid distension. Pyometra, hydrometra, mucometra, and hemometra are potential differential diagnoses. Pyometra is considered most likely. The findings furthermore suggest presence of glandular cystic hyperplasia of the endometrium.

**REFERRING VET**

Dr. Inferuso

The presence of a left anal sac mass meeting neoplastic criteria is a primary finding in this case. Anal sac carcinoma or other malignant neoplasia is considered likely. The findings of the sacral, hypogastric, and medial iliac lymph nodes are highly suggestive for metastatic disease to the regional lymph nodes and should be considered so until proven otherwise. Consider sampling of the anal sac mass and sublumbar lymph nodes for further definition.

**INVOICE**

59912

**DATE**

8-23-23



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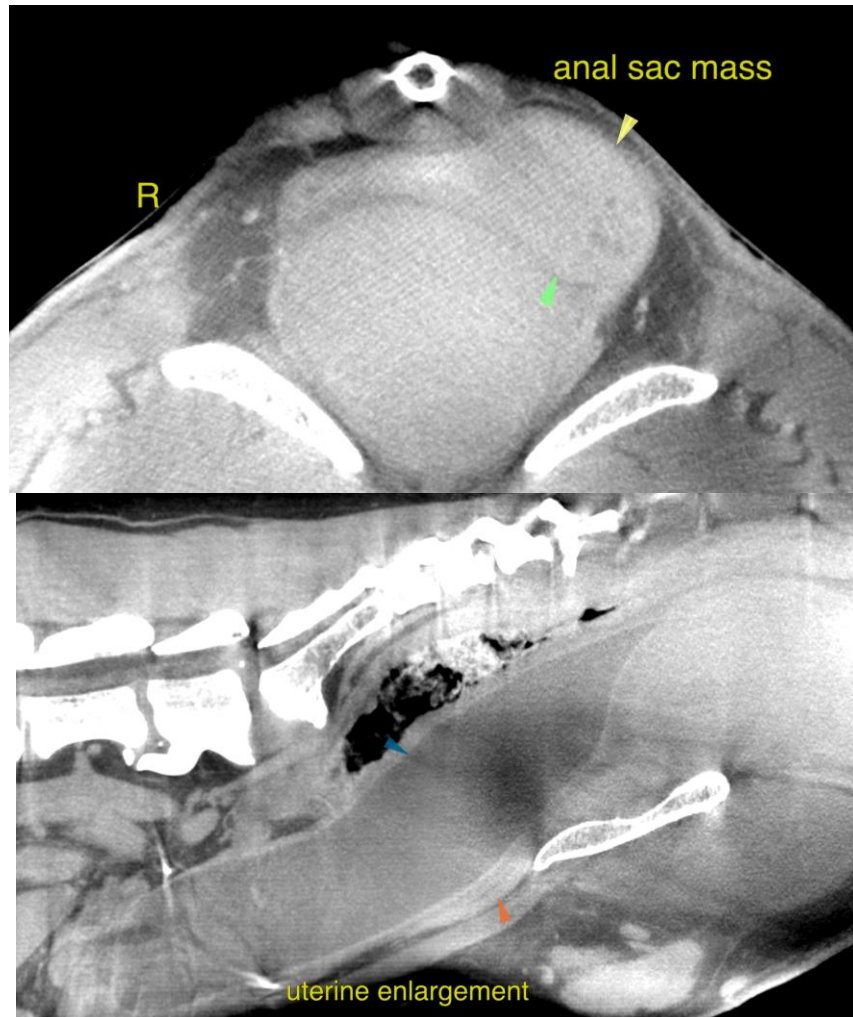
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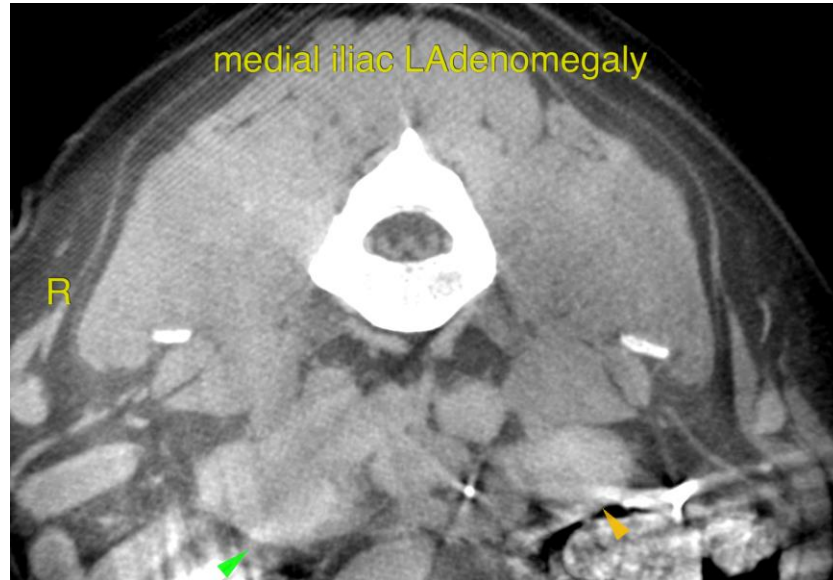
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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