



## PATIENT

Purdy Smith

## SPECIES

Canine

## BREED

Maltipoo

## SEX

Spayed Femalee

## AGE

3

## WEIGHT

0.77 kg

## INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

## IMAGING PERFORMED BY

Erika Ruiz

## HOSPITAL NAME

AMC of Corona

## REFERRING VET

Dr. Baldwin

## INVOICE

37041

## DATE

5/6/26

## PRESENTING CLINICAL SIGNS

History: P recently diagnosed with an anal sac apocrine gland adenocarcinoma. The patient's ionized calcium is still within normal limits (1.39 (1.13 - 1.42)), so we are assessing for metastasis prior to undergoing surgical removal of the tumors.

Abnormal PE/Chem/CBC/UA Results: Bilateral marked swelling of the anal glands. Glucose: 118 (60 - 110) Sodium: 157 (140 - 151)

## COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

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

## COMPUTED TOMOGRAPHIC FINDINGS

### Thorax

The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform.

The cardiovascular structures including the pulmonary vasculature are within normal limits – but mild mineralization of the wall of the aortic root.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

### Abdomen

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

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.

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.

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

Both anal sacs present an irregular thickened wall with a heterogeneous contrast enhancement pattern along with amorphous mineralization of the left anal sac. The mass of the right anal sac is measuring approximately 2.7 x 1.9 x 2.4 cm and the mass of the left anal sac is measuring approximately 1.6 x 1.6 x 1.6 cm.



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The medial iliac lymph node bilaterally and one sacral lymph node are prominent – measuring 6 x 6 x 21 mm (left) and 6 x 5 x 12 mm (right).

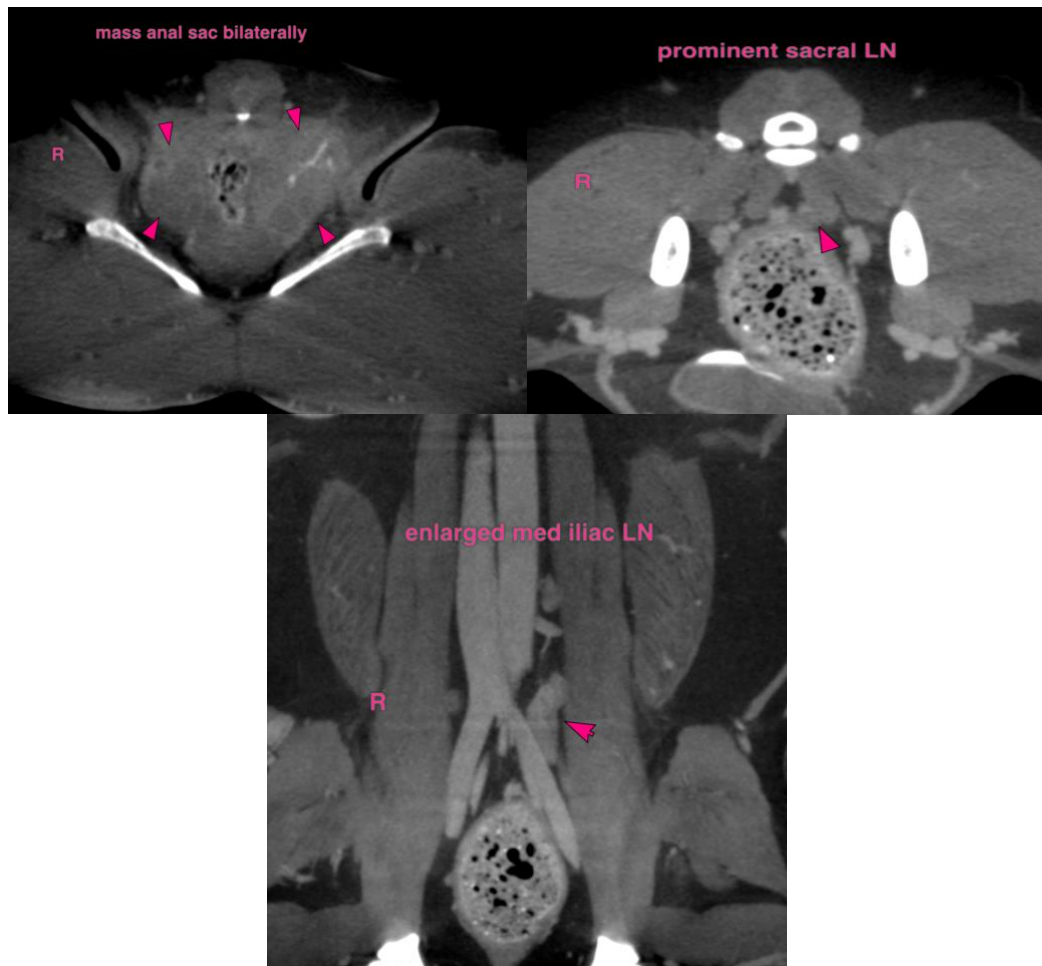
The bony and surrounding soft tissue structures reveal no abnormalities.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Soft tissue mass anal sac bilaterally – left anal sac with dystrophic mineralization
- Lymphadenopathy medial iliac lymph node bilaterally and a sacral lymph node
- Normal thorax, no evidence of pulmonary metastatic disease

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The changes of both anal sacs is fitting the history of bilateral apocrine gland anal sac adenocarcinoma. The prominent regional lymph nodes are highly suggestive for metastatic spread.



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



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can be of any further assistance please contact me.

**Sebastian Schaub, DVM, Dr. med. vet. DipECVDI**  
[info@sonopath.com](mailto:info@sonopath.com)

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