



**PATIENT**

Bentley Gilbert

**PRESENTING CLINICAL SIGNS**

Patient had anal gland removed 3.5 weeks ago, pathology came back as Apocrine adenocarcinoma. Checking sublumbar lymphnodes and abdominal lymph nodes for enlargement. No enlargement seen on abdominal u/s.

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: All Bloodwork WNL

**COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN**

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

**BREED**

Mixed

**COMPUTED TOMOGRAPHIC FINDINGS**

Thorax

**SEX**

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

Neutered Male

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

**AGE**

8 Years, 6 Months

The cardiovascular structures including the pulmonary vasculature are within normal limits.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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.

**HOSPITAL NAME**

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

Abdomen

**REFERRING VET**

Dr. Deepan Kishore

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis. Two sacral lymph nodes are significantly enlarged, rounded, uniform soft tissue attenuating and heterogeneous contrast enhancing.

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.

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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.

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2-17-22

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



**PATIENT** uniform contrast enhancement.

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

**SPECIES** The vertebral endplates of the lumbosacral junction present moderate spondylosis formation. Both coxofemoral joints present moderate osteophyte new bone formation, R>L.

Canine

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- BREED**
- Lymphadenopathy sacral lymph nodes
  - Degenerative osteoarthritis coxofemoral joints bilaterally
  - Degenerative lumbosacral stenosis
  - Structural normal thorax, no evidence of pulmonary metastatic disease
- Mixed

**SEX**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Neutered Male The enlarged sacral lymph nodes in combination with the history of anal sac adenocarcinoma are consistent with lymph node metastasis. The chances of surgical excision might be discussed with oncologist and surgeon.

**AGE**

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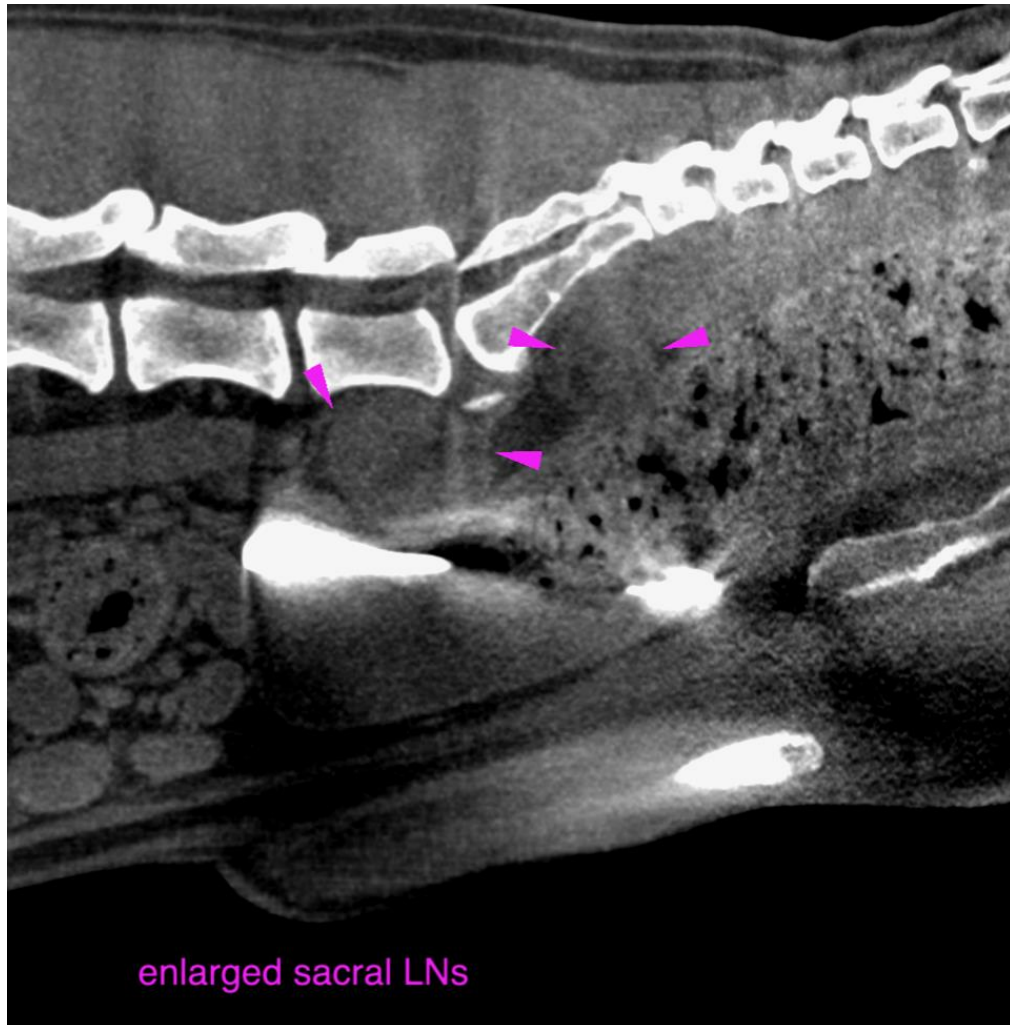
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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