



**PATIENT PRESENTING CLINICAL SIGNS**

**Thunder Strich** Referral from rDVM for irregularly marginated mass on anus at 4 o'clock causing trouble defecating.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: The mass is firm and irregular on rectal examination with mild discomfort noted on palpation. No material was expressed from that anal gland/area of the anal gland. The left gland palpates normal. Full Body CT taken today as well as aspirated to send to lab for cytology. Concern for systemic cancer.

**Canine**

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

**German Shepherd**

**COMPUTED TOMOGRAPHIC FINDINGS**

Thorax

**SEX** The intervertebral disc T12/T13 is mildly protruding into the vertebral canal, distorting the ventral epidural space. Multifocal mild spondylosis formation is seen along the thoracic spine. The 6<sup>th</sup> left rib presents with smooth callus formation in the distal third, bugling mildly medially and causing an extrapleural mass effect on the lung at the same level.

**Male Neutered**

**AGE** 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 and considered within normal limits.

**9 Years**

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

**Sebastian Schaub, DVM** 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.  
**Dr. med. vet. DipECVDI**

**HOSPITAL NAME** The lung parenchyma presents the expected architecture and attenuation behavior, with randomly distributed interspersed punctuate mineralization.

**Catskill Veterinary Services, PLLC** Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

**REFERRING VET** Abdomen

**Davenport Veterinary Clinic** 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.

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

**54921** Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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

**11-1-22**

**PATIENT**

Thunder Strich

Originating from the right anal sac, an ovoid shape, soft tissue attenuating and heterogeneous contrast enhancing mass is appreciated, distorting the rectum at the same level. The mass level with the right anal sac is measuring 4.0 x 3.6 x 6.7 cm in size.

**SPECIES**

Canine

The vertebral endplates of the lumbosacral junction present moderate spondylosis formation. Both coxofemoral joints present mild osteophyte new bone formation.

**BREED**

German Shepherd

The right medial iliac lymph node and multiple sacral lymph nodes are significantly enlarged and rounded, presenting as a confluent mass, measuring 4.6 x 3.5 x 7.8 cm in size.

The lumbosacral intervertebral disc is protruding into the vertebral canal, occupying approximately 30% of the cross-sectional area of the vertebral canal at the same level. The vertebral endplates of the lumbosacral junction present moderate spondylosis formation.

**COMPUTED TOMOGRAPHIC DIAGNOSIS****SEX**

Male Neutered

- Right sided perirectal soft tissue mass
- Lymphadenopathy sacral and right medial iliac lymph node
- Chronic costal fracture 6<sup>th</sup> left rib
- Pulmonary osteomas
- Degenerative lumbosacral stenosis
- Degenerative osteoarthritis coxofemoral joints bilaterally
- Spondylosis deformans
- No evidence of pulmonary metastatic disease

**AGE**

9 Years

**INTERPRETED BY**Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The perirectal mass is highly suggestive for neoplastic transformation of the right anal sac – anal sac adenocarcinoma is most likely. FNA sampling has already been performed for further workup.

The enlarged tributary lymph nodes are compatible with metastatic spread.

**HOSPITAL NAME**Catskill Veterinary  
Services, PLLC**REFERRING VET**Davenport Veterinary  
Clinic**INVOICE**

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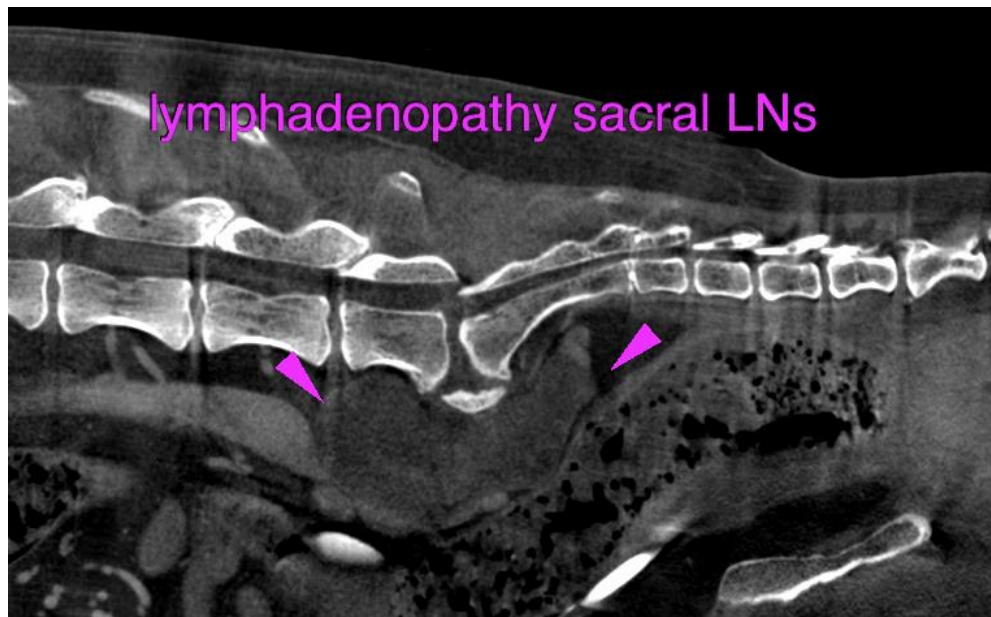
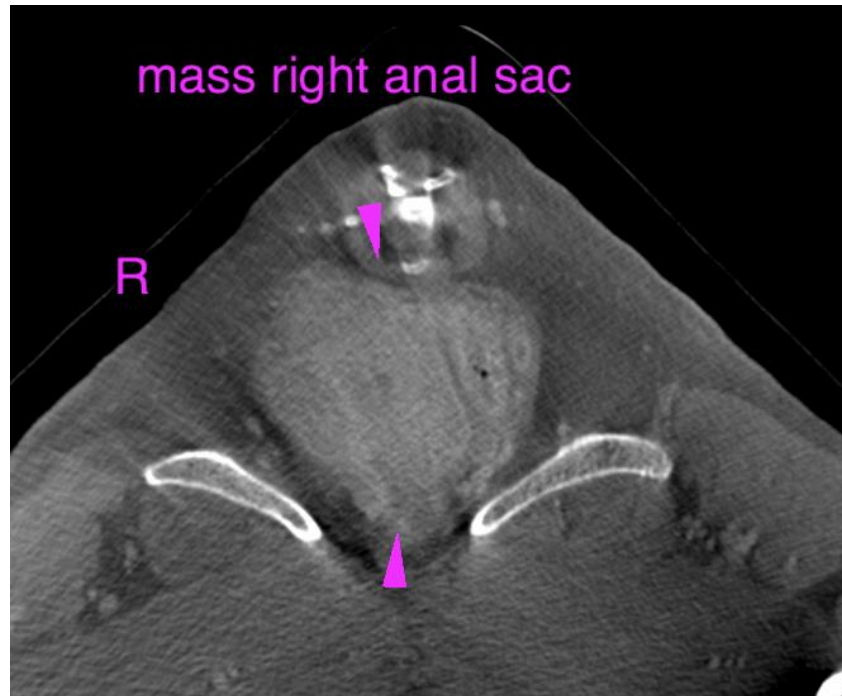
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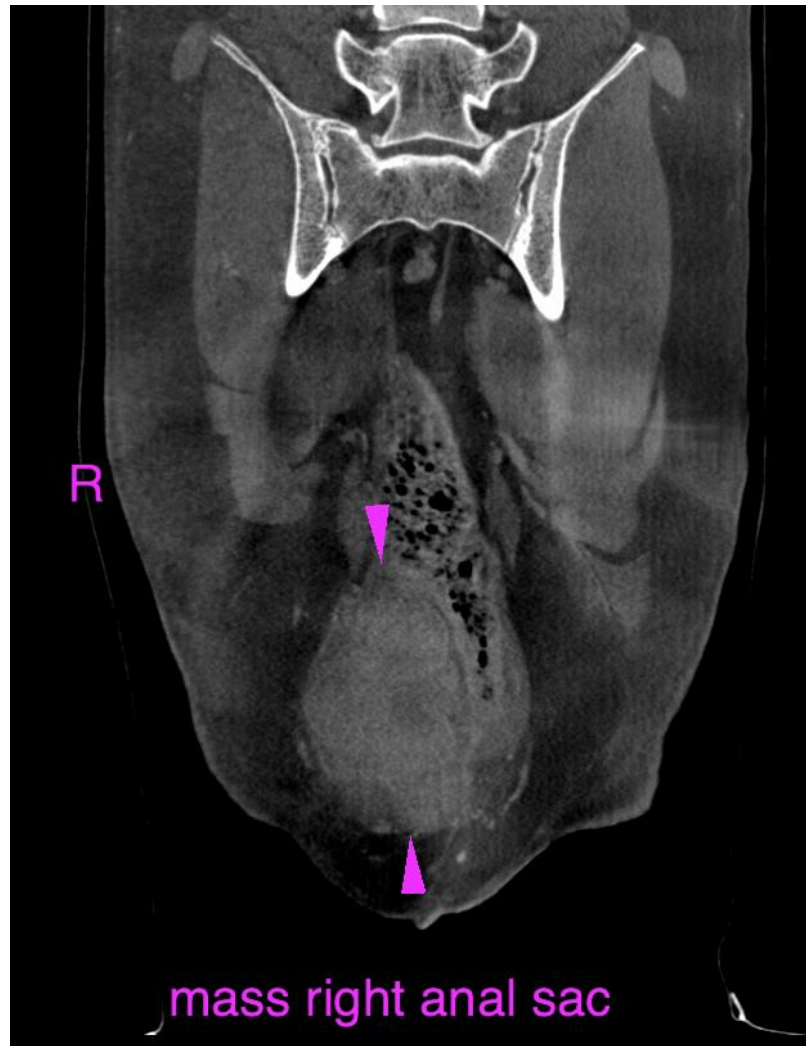
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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