



**PATIENT**

Kluke Scott

**PRESENTING CLINICAL SIGNS**

Kluke, a 9 old Female Spayed German Shepherd, was presented to the Toronto Animal Health Partners Surgery Service for evaluation of a right- sided anal sac tumor. The mass was found after a workup for PU/PD. Elevated ionized calcium was found and workup revealed an anal sac mass. Aspirates confirmed AGASACA. Kluke has had a previous history of a painful right knee. Kluke current medications Consequin. Vitamin E Kluke is currently eating Purina One , with no history of allergies . Kluke is UTD on vaccines.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHY OF THE ABDOMEN**

**BREED**

German Shepherd

A pre- and post-contrast CT study of the abdomen in a bone and soft tissue reconstruction is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

FS

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.

**AGE**

9 Years

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.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

In the hilar region of the liver, a small (<2 mm) mineralized body is appreciated level with the common bile duct, without signs of mechanical obstruction.

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

**HOSPITAL NAME**

Animal Health  
Partners

The right anal sac presents with an intramural mass, measuring 1.3 x 1.4 x 2.3 cm in size. Post contrast administration, the mural mass of the right anal sac presents moderate contrast enhancement.

The left anal sac is nearly empty and has a smooth and thin wall.

**REFERRING VET**

Dr. Lea Mehrkens

Significant enlargement of a sacral lymph node is seen, measuring 3.0 x 2.5 x 6.5 cm in size; post contrast administration, the enlarged sacral lymph node presents a heterogeneous contrast enhancement pattern. Caudodorsal to the enlarged lymph node two mild prominent sacral lymph nodes, measuring up to 4 mm in size are appreciated.

**INVOICE**

52445

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

The periarticular bones of both stifle joints present moderate osteophyte new bone formation.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**DATE**

6-15-22

- Mural mass right anal sac
- Lymphadenopathy sacral lymph nodes
- Suspect small cholecystolith hilar region of the liver without signs of mechanical obstruction.
- Moderate degenerative osteoarthritis stifle joints bilaterally



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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The mural mass of the right anal sac is consistent with the history of anal sac adenocarcinoma with metastatic spread at least one sacral lymph node. The mild prominent sacral lymph nodes are equivocal for metastatic spread versus reactive hyperplasia.

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The degenerative joint disease of both stifle joints is considered as a sequela to pathology of the cranial cruciate ligament ± meniscal disease.

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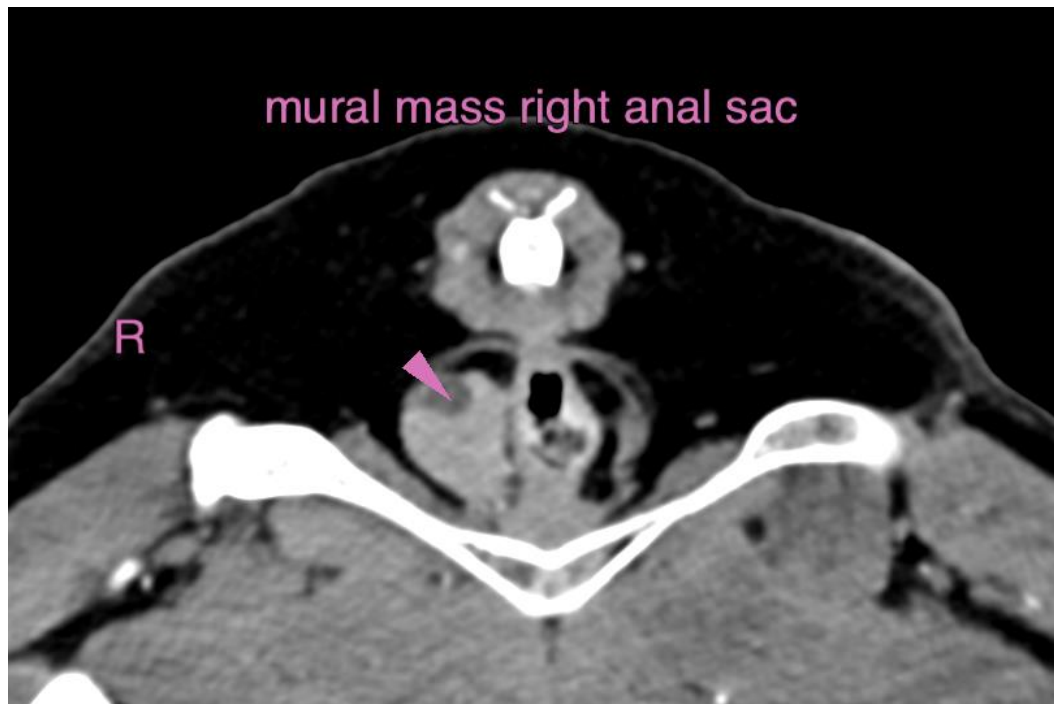
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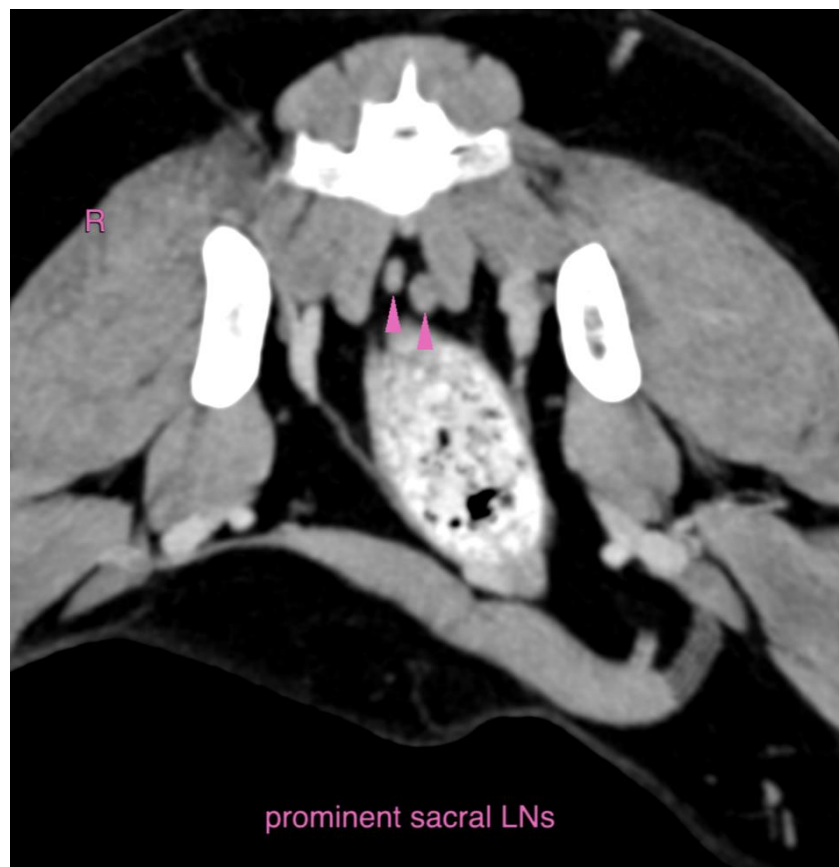
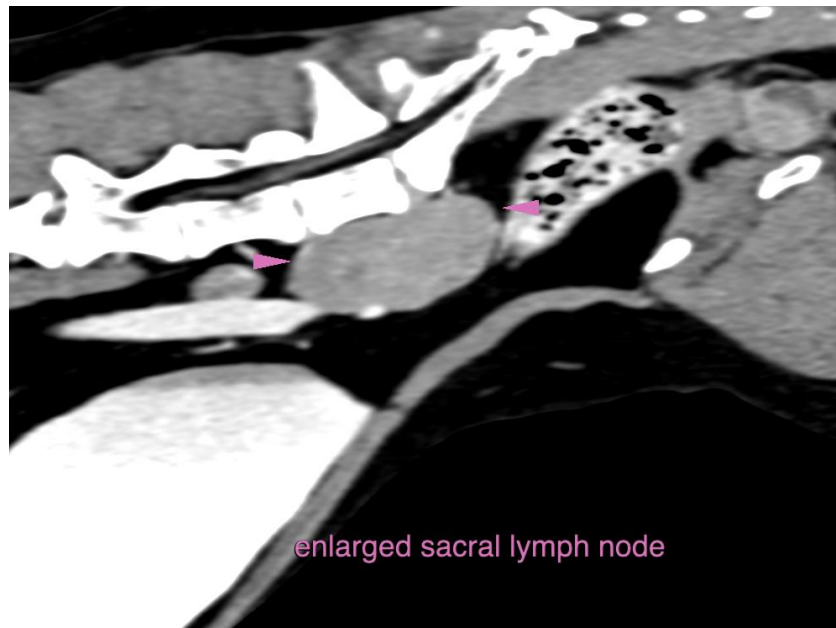
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**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**

German Shepherd

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