



**PATIENT PRESENTING CLINICAL SIGNS**

**HUGO BELL** History: Hugo presented with a 2-3 week history of a small left anal sac mass. It was first discovered during a grooming appointment 4/11/22. The mass was surgically removed 4/19/22.

**SPECIES** Histopathology confirmed adenocarcinoma. Hugo is here for staging for radiation. Otherwise he is doing well. Previous diagnosis: None known Purpose of CT scan: Staging for radiation Location of CT scan: Chest/Abdomen Mass (behaviors): Anal sac mass removed recently Current medication: Carprofen Appetite and activity level: Good.

**BREED** Abnormal PE/Chem/CBC/UA Results: PE: There is no palpable mass in the left anal sac surgery site. Lab: Blood work is dated 4/15/22. CBC - PCV = 58%, WBC = 7400, neutrophils = 5772, lymphocytes = 1020, monocytes = 214. Platelets = 325,000. Chemistry - Cholesterol = 384, all else normal. Urinalysis - not provided.

Shih Tzu Bichon Mix

**COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN**

**SEX**

Neutered Male

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**AGE Thorax**

7 Years

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

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVCI

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.

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

**HOSPITAL NAME**

VetMed Consultants

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.

**REFERRING VET**

Dr Leanne Brandt

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

**Abdomen**

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

**DATE**

4/28/22



**PATIENT** Hugo Bell Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration the renal cortex of both kidney presents with multiple well-defined, roundish, parenchymal filling defects, measuring up to 4.4 mm in diameter.

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

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

**BREED** Shih Tzu Bichon Mix A mild amount of hyperattenuating, gravity dependent biliary sludge is seen in the gallbladder.

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

**SEX** Neutered Male The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout. The left anal sac cannot be delineated and the soft tissues at the same level are mildly heterogeneous with increased contrast enhancement.

**AGE** 7 Years The sacral lymph nodes are prominent and rounded with a homogeneous contrast enhancement pattern.

Both coxofemoral joints present moderate, R>L, osteophyte new bone formation. The left acetabular groove is shallow, and the center of the femoral head is lateral to the dorsal acetabular rim.

**INTERPRETED BY** **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

- History of excision of mass originating from the left anal sac
- Lymphadenopathy sacral lymph nodes
- Bilateral degenerative osteoarthritis coxofemoral joints, R>L, due to hip dysplasia
- Renal cysts
- Mineralized biliary sludge
- No evidence of pulmonary metastatic disease

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**REFERRING VET**

Dr Leanne Brandt

The enlarged sacral lymph nodes in combination with the history of anal sac adenocarcinoma, are highly suggestive for local metastatic spread.

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**PATIENT**

Hugo Bell

**SPECIES**

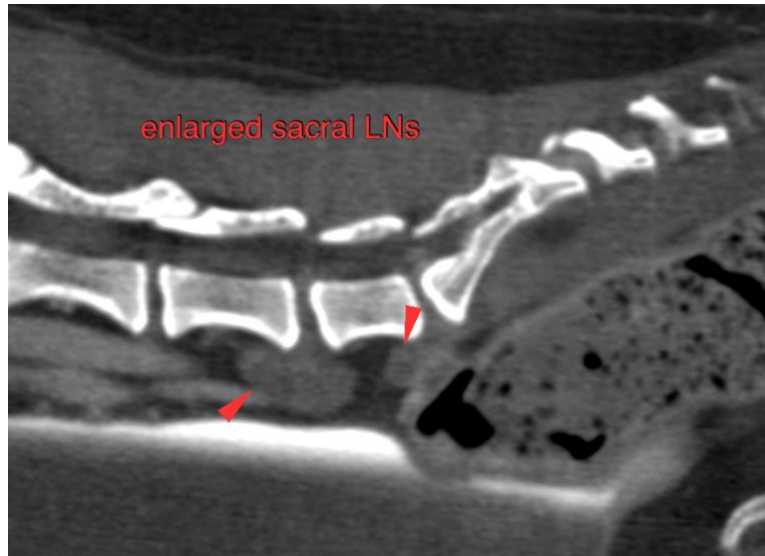
Canine

**BREED**

Shih Tzu Bichon Mix

**SEX**

Neutered Male



**AGE**

7 Years

**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.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

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

**HOSPITAL NAME**

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**REFERRING VET**

Dr Leanne Brandt

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4/28/22