



**PATIENT PRESENTING CLINICAL SIGNS**

Max Stanway History: left AG mass

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

**SPECIES**

Canine

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

**Thorax**

Shih Tzu

Multiple cutaneous wart-like lesions are seen along the dorsal aspect of the thorax.

**SEX**

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.

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

**AGE**

10 Years

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.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

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.

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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Nodular enlargement of the right adrenal gland is notes, measuring 12 mm.

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

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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.

**DATE**

7/7/23



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

Max Stanway

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

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Canine

Originating from the left anal sac, a well-defined, uniform soft tissue attenuating and ovoidal shaped mass is seen, measuring 18 x 22 x 33 mm.

**BREED**

Shih Tzu

The left medial iliac lymph node is prominent.

The intervertebral discs L6/L7 and L7/S1 are mildly bulging into the vertebral canal.

Both coxofemoral joints present moderate osteophyte new bone formation. The acetabular groove bilaterally is shallow and the center of the femoral heads is lateral to the dorsal acetabular rim.

**SEX**

Male

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Soft tissue mass left anal sac
- Lymphadenopathy left medial iliac lymph node
- Multiple cutaneous wart-like lesions dorsal aspect of the thorax
- Intervertebral disc protrusion L6/L7 and L7/S1 without compressive myelopathy
- Degenerative osteoarthritis coxofemoral joints bilaterally, due to hip dysplasia
- Structural normal thorax, no evidence of pulmonary metastatic disease

10 Years

**AGE**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are fitting the history of soft tissue mass originating from the left anal sac – most consistent with adenocarcinoma. Complete surgical excision of the mass is considered feasible.

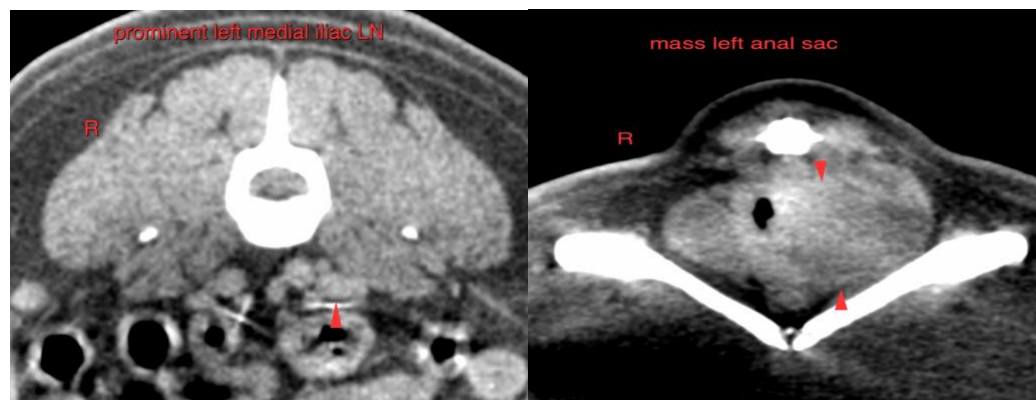
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The prominent left medial iliac lymph node is concerning for metastatic spread - Ultrasound guided FNA sampling can be used as advanced minimally invasive diagnostic tool.

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**PATIENT**

Max Stanway

**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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
info@sonopath.com

**BREED**

Shih Tzu

**SEX**

Male

**AGE**

10 Years

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