



**PATIENT**

Keen Flansburg

**PRESENTING CLINICAL SIGNS**

Mast Cell tumor on left lateral chest-pre surgical screening  
Abnormal PE/Chem/CBC/UA Results:

**SPECIES**

Canine

**COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN**

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

**BREED**

Greyhound Mix

**COMPUTED TOMOGRAPHIC FINDINGS**

Thorax

Level with the 5<sup>th</sup> left rib, a small cutaneous soft tissue nodule is seen, measuring 7 mm in size.

**SEX**

Male Neutered

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**

4 Years, 10 Months

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

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

**HOSPITAL NAME**

Catskill Veterinary Services, PLLC

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.

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

**REFERRING VET**

Dr. Joseph D'Abbraccio

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

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.

**INVOICE**

52879

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

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

**DATE**

7-14-22

The lumbosacral intervertebral disc is mildly protruding into the vertebral canal.



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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- History of mast cell tumor left thoracic wall
- Mild intervertebral disc protrusion L7/S1
- Normal abdomen
- No evidence of pulmonary metastatic disease

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study is negative for pathologies but the small cutaneous nodule at the left thoracic wall – suggestive for the diagnosed mast-cell tumor.

Consider complementing full tumor staging by FNA sampling of the liver and spleen.





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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**

Greyhound Mix

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