



## PATIENT

Coco Broughton

## SPECIES

Canine

## BREED

Rhodesian Ridgeback

## SEX

Female

## AGE

6

## WEIGHT

40.5

## INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

## IMAGING PERFORMED BY

Hollie Sharp

## HOSPITAL NAME

Animal Trust  
Ellesmere Port

## REFERRING VET

Dr. Oscar Samsø

## INVOICE

35707

## DATE

11/28/25

## PRESENTING CLINICAL SIGNS

History: Possible rounded mass visualized in the mediastinal region, displacing major vessels/structures ventrally. Pin-point soft tissue opacities observed, not consistent with a specific pulmonary pattern. Possible mast cell tumor (MCT) metastasis to lungs and/or mediastinum based on clinical notes. Radiographic findings suspicious for possible metastasis but non-definitive.

## COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

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

## COMPUTED TOMOGRAPHIC FINDINGS

### Thorax

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

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.

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.

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

### Abdomen

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.

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

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.

The bony and surrounding soft tissue structures reveal no abnormalities.

## COMPUTED TOMOGRAPHIC DIAGNOSIS



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- Normal thorax
- Normal abdomen

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT Study reveals no abnormalities and is negative for macroscopic metastatic disease. Anyway, complementing full tumor staging of mast-cell tumor by FNA sampling of the liver and spleen is beneficial.



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