

PATIENT

Benny Brown

SPECIES

Canine

BREED

Havanese

SEX

Neutered Male

AGE

11 Years

WEIGHT

5 kg

INTERPRETED BY

Dr. Tais Guimarães,
MV

IMAGING PERFORMED BY

Mobile Pet Imaging

HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

Dr. Armstrong

INVOICE

16531

DATE

05/26/26

PRESENTING CLINICAL SIGNS

Benny is an 11-year-old canine presented as a referral from Dr. Alvarez for evaluation of suspected metastatic sarcoma diagnosed on 5/5/26. Owner reports that Benny is doing well overall at home, with normal appetite, urination, and bowel movements. Activity level is generally good, although he occasionally becomes reluctant to complete his full walks. Patient also has a history of a grade 3-4/6 heart murmur and was previously evaluated by Dr. Vitt. Benny is currently receiving Pimobendan 2.5 mg, 1/2 tablet by mouth twice day.

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Plain and post-contrast images provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

There is a soft tissue attenuating mass, circumscribed, right costal arch, on 6th intercostal space, Smooth margins, 4.5 x 3.3 x 2.8 cm in size, homogeneous enhancement, associated with mild periosteal reaction on distal aspect of 6th rib.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small and 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 vascular structures including the pulmonary vasculature are within normal limits. Mild cardiomegaly. Thoracic trachea has mild flattening of dorsal wall.

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 multiple soft tissue nodules, the largest of which measures 0.9 cm size as all lobes affected.

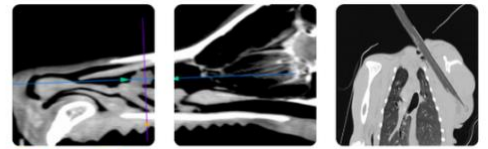
In the cranial aspect of the abdomen, there are multiple soft tissue nodules, hypoattenuating, different sizes, are seen on all liver lobes, the largest of which measuring 1.1 cm size.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Chest wall mass: right sided, adjacent to 6th rib and 6th intercostal space, consider sarcoma most likely.
- Pulmonary nodules: metastatic most likely.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The findings are consistent with aggressive thoracic wall neoplasia. Primary differentials include soft tissue sarcoma, other types of sarcomas are also possible (i.e. chondrosarcoma). Pulmonary nodules are suggestive of metastatic disease. Fungal disease is less likely. Tissue sampling is strongly recommended for definitive diagnosis.



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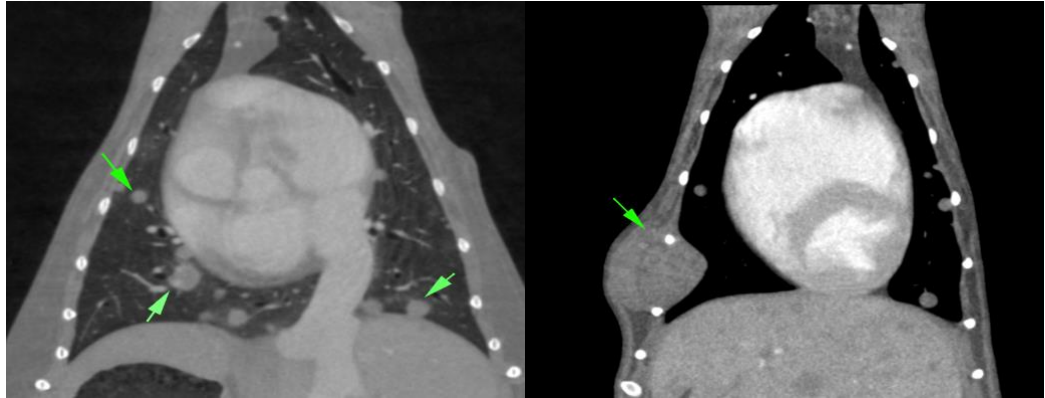
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Dr. Tais Guimarães, MV
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