



PATIENT PRESENTING CLINICAL SIGNS

Tania Ruiseco Evaluate lung mass.

COMPUTED TOMOGRAPHY OF THE THORAX

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

Canine **COMPUTED TOMOGRAPHIC FINDINGS**

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

BREED In the cranioventral aspect of the mediastinum, a well-defined, homogeneous soft tissue attenuating and mild heterogeneous contrast enhancing mass is appreciated, measuring 5.4 x 3.9 x 7.2 cm in size. Shih Tzu The mass is extending caudally along the left cranial aspect of the heart. The cranial lung lobes are deviated by the extrapleural mass effect and presents mild dystelectasis. The large cranial mediastinal vessels are deviated dorsally, and the trachea is mildly displaced to the right and dorsally by the mass effect. The cranial vena cava level with the mediastinal mass is mildly distorted.

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

AGE 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. 9 Years

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.

INTERPRETED BY COMPUTED TOMOGRAPHIC DIAGNOSIS

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

- Cranioventral mediastinal soft tissue mass without signs of vascular invasion
- No evidence of pulmonary metastatic disease

HOSPITAL NAME

Mobile Pet Imaging

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cranioventral mediastinal mass is highly suggestive for thymoma. Differentials include thymic sarcoma/carcinoma/lymphosarcoma, thyroid carcinoma or aberrant thyroid tissue, sarcoma of different origin. FNA sampling/TruCut biopsy of the mass can be performed as advanced minimally invasive diagnostic tests to confirm the diagnosis. Complete surgical excision of the mass is considered feasible.

REFERRING VET

Seraydar

INVOICE

55691

DATE

12-19-22



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SPECIES

Canine

BREED

Shih Tzu

SEX

FS

AGE

9 Years

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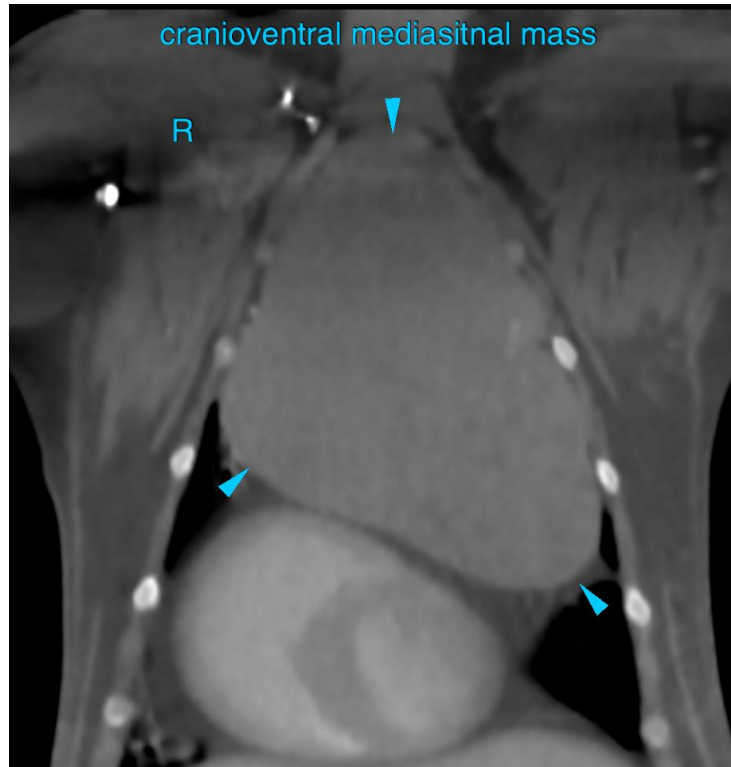
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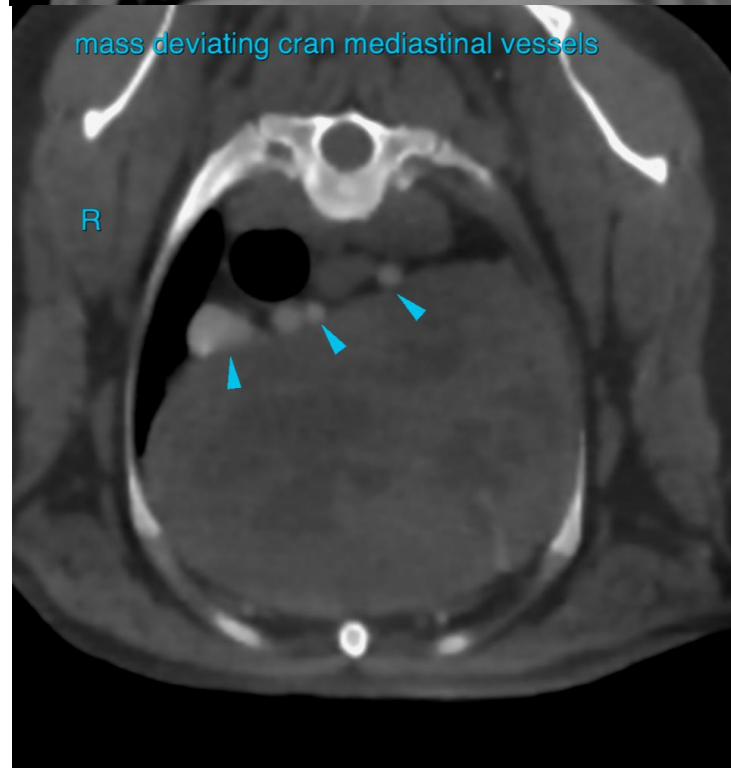
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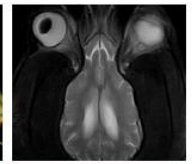
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cranioventral mediasitnal mass



mass deviating cran mediastinal vessels



PATIENT

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SPECIES

Canine

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.

BREED

Shih Tzu

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
sebast.schaub@gmail.com

SEX

FS

AGE

9 Years

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