



PATIENT PRESENTING CLINICAL SIGNS

Japa Lau Owner noticed wheezing at rest and a soft cough. Brought to RDVM June 27th for thoracic x-rays which revealed a large nodular intra-thoracic mass occupying the cranial thorax. Long history of collapsing trachea and cough when excited. Radiology report: Cranial mediastinal mass/masses; consider lymphoma, thymoma and less likely abscess/granuloma. The nodule like structures overlying the caudal aspect of the cranial mediastinal mass may be pulmonary nodules or a portion of the cranium mediastinal mass. Differential diagnoses for pulmonary nodules include metastasis and granulomas. Redundant dorsal tracheal membrane.

SPECIES BREED COMPUTED TOMOGRAPHY OF THE THORAX

Canine
Shiba Inu A pre- and post-contrast CT study of the thorax in a lung and soft tissue reconstruction is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

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

MN In the cranioventral aspect of the mediastinum, a mild heterogeneous soft tissue attenuating and moderate heterogeneous contrast enhancing mass is visible, measuring 7.6 x 9.2 x 14.6 cm in size. The mass is occupying the complete width of the cranial thorax and the lung lobes are displaced by the extrapleural mass effect and are mildly compressed. The tracheal and the large cranial mediastinal vessels are deviated dorsally, the cranial vena cava is displaced laterally to the right. The heart is mildly compressed and deviated caudally. Post contrast administration multiple tortuous feeding vessels are appreciated at the caudoventral aspect of the mediastinal mass.

AGE

10 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Animal Health Partners

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.

REFERRING VET

Lea Mehrkens

COMPUTED TOMOGRAPHIC DIAGNOSIS

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

INVOICE

52659

DATE

6-30-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is a primary soft tissue neoplasm originating from the cranioventral mediastinum and the top differential is thymoma. Other potentials include thymic sarcoma/carcinoma/lymphosarcoma, hemangiosarcoma, ectopic thyroid carcinoma, melanoma, other. If not done so yet, recommend FNA sampling ± TruCut biopsy of the cranioventral mediastinal mass. Based on the results of the advanced diagnostic tests, surgical excision of the mass appears as a feasible option here – adhesions with the cranial mediastinal structures might be present.



PATIENT

Japa Lau

SPECIES

Canine

BREED

Shiba Inu

SEX

MN

AGE

10 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Lea Mehrkens

INVOICE

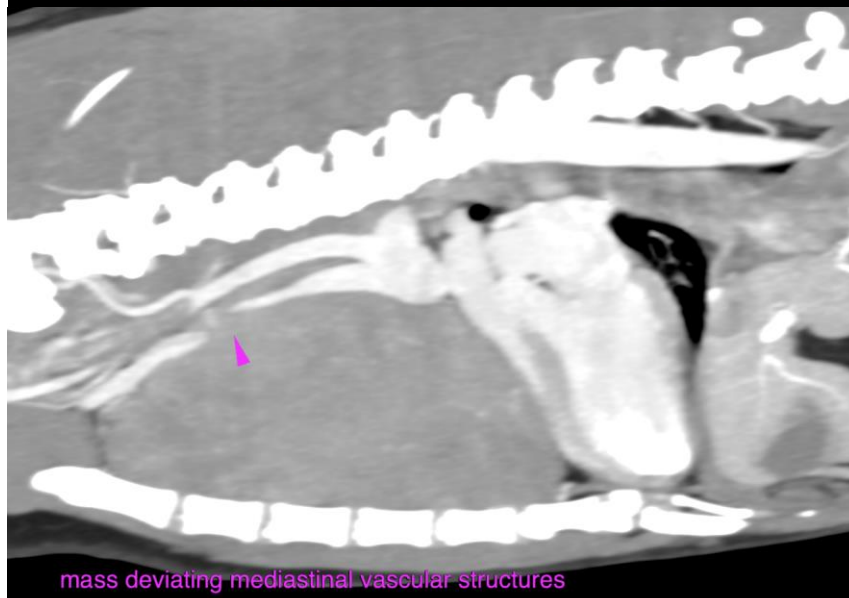
52659

DATE

6-30-22



large cranioventral mediastinal mass



mass deviating mediastinal vascular structures



PATIENT

Japa Lau

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

Shiba Inu

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

SEX

MN

AGE

10 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Lea Mehrkens

INVOICE

52659

DATE

6-30-22