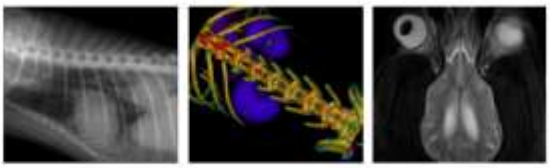
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Lily Zigler

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

12 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Ahwatukee Commons Veterinary Hospital

REFERRING VET

Dr. Linda Elliott

INVOICE

47371

DATE

9-9-21

PRESENTING CLINICAL SIGNS

Pet present with dry hacking cough. Pet has lowered eating and drinks habits and is more quiet then normal

RADIOGRAPHIC STUDY OF THE THORAX

A complete set of radiographs of the thorax is provided for review.

RADIOGRAPHIC FINDINGS

The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

Cranial to the heart, a spherical uniform soft tissue opaque mass is visible causing dorsal and right sided deviation of the trachea. In the VD projection marked widening of the cranial mediastinum is visible, occupying the complete thoracic width of the cranial thorax. The mass is measuring approximately 5 intercostal spaces in size.

The esophagus is moderately distended by gas.

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

RADIOGRAPHIC DIAGNOSIS

- Cranioventral mediastinal soft tissue mass
- Megaesophagus
- No evidence of pulmonary metastatic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cranial mediastinal mass in conjunction with the megaesophagus is suggestive for thymoma. Other neoplastic disease can include thymic sarcoma/carcinoma, round cell tumor, ectopic thyroid carcinoma, other. A cranial mediastinal cyst is a potential as well. Ultrasound guided FNA sampling of the mass can be used as an advanced minimally invasive diagnostic test. Cross-sectional imaging can be performed for surgical planning, if applicable.

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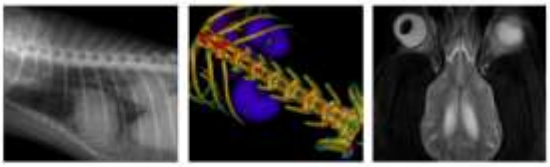

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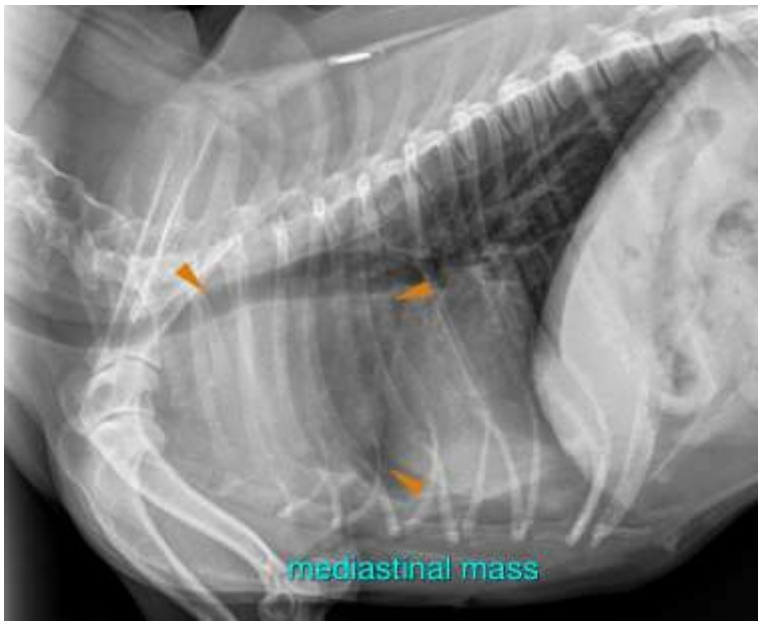

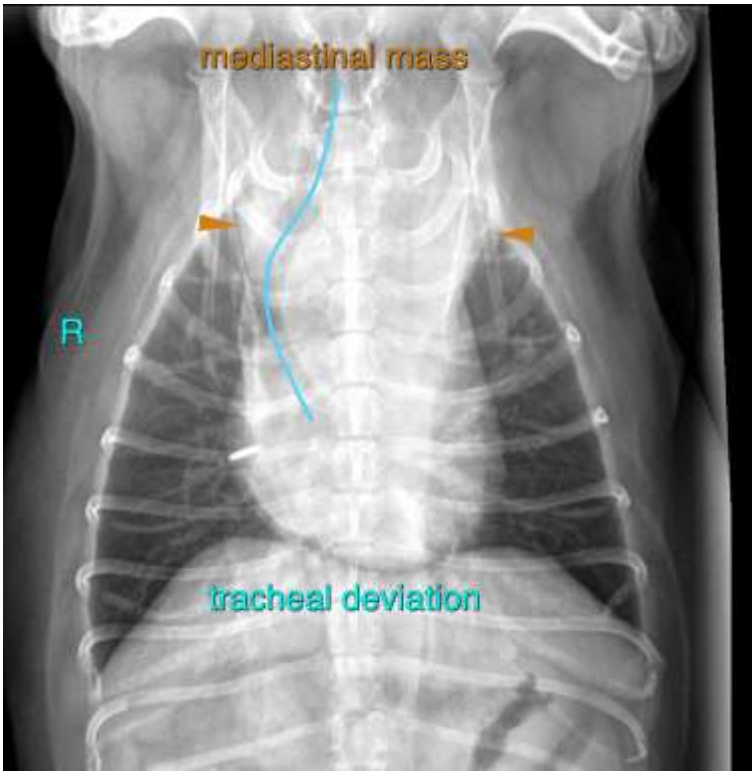

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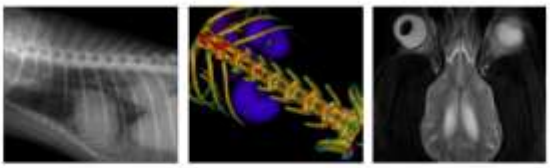

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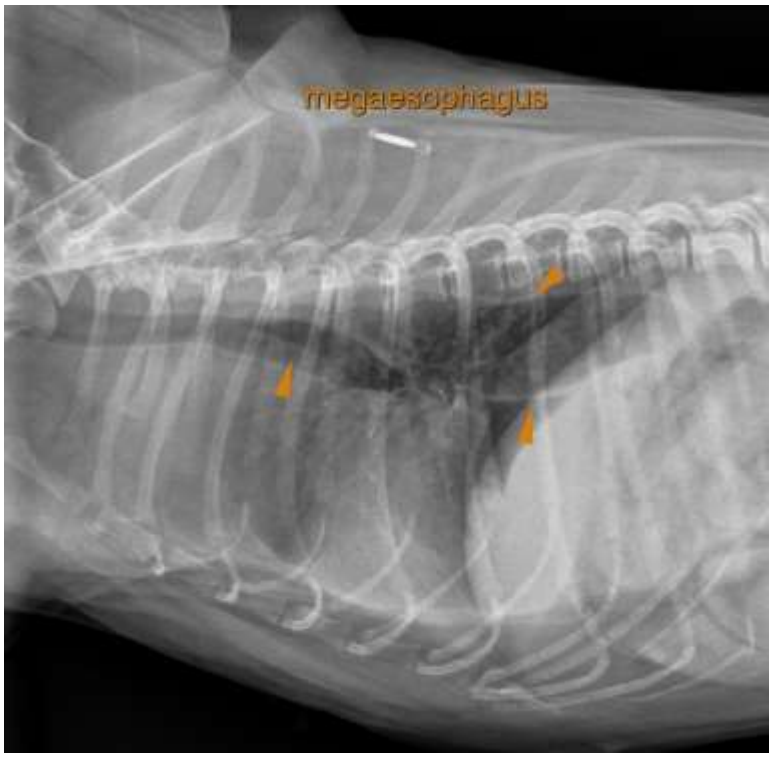

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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