



PATIENT

Missy Henshaw

PRESENTING CLINICAL SIGNS

Dog was rescued from Costa Rica and arrived to Canada 1 week ago. During her first exam she was tested for Heartworm and tick borne diseases and tested positive for Heartworm and Erlichia. Asymptomatic for Heartworm, no abnormal lung or heart sounds. Started on flea and tick prevention as well as Heartgard and doxycycline and will start Immiticide injections in a few more weeks. Came in for radiographs yesterday and O advised that she has been paying closer attention and she seems to be getting tired more quickly than her other dog but she has not know Missy for long so she doesn't know if this is just her level of activity. She mentioned she has been restricting exercise as per our instructions.

SPECIES

Canine

BREED

Mixed

Abnormal PE/Chem/CBC/UA Results: 4DX: positive for HW and Erlichia

SEX

Female

Right/left lateral and ventrodorsal views provided for review.

RADIOGRAPHIC FINDINGS

Surrounding bony structures are within normal limits. Extra-thoracic soft tissues are homogenous without abnormalities.

AGE

22 Months

The cardiac silhouette appears regular. Vertebral heart score equals 10.2. In the lateral projections there is an area of increased opacity noted in the dorsal post-hilar region. The caudal vena cava is clearly separated from this finding. In the vd view, the area of increased opacity is located caudal to the carina between the right and left main stem bronchi and narrows caudally and conically. Pulmonary vessels show distended and tortuous arteries best seen on the right in the ventrodorsal view.

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

Lungs show regular density without evidence of focal/nodular lesions.

HOSPITAL NAME

Balmy Beach Pet
Hospital

Trachea is unremarkable in diameter and course. The luminal outline of the trachea is smooth. Carina and the bronchial tree appear normal. No mediastinal shift is seen.

The esophagus is not visible.

REFERRING VET

Dr. Yogo

The diaphragm is unremarkable, there are no signs of pleural effusion.

RADIOGRAPHIC DIAGNOSIS

INVOICE

47075

- Distended/tortuous pulmonary arteries on the right
- Post-hilar soft tissue opacity

DATE

8-21-21

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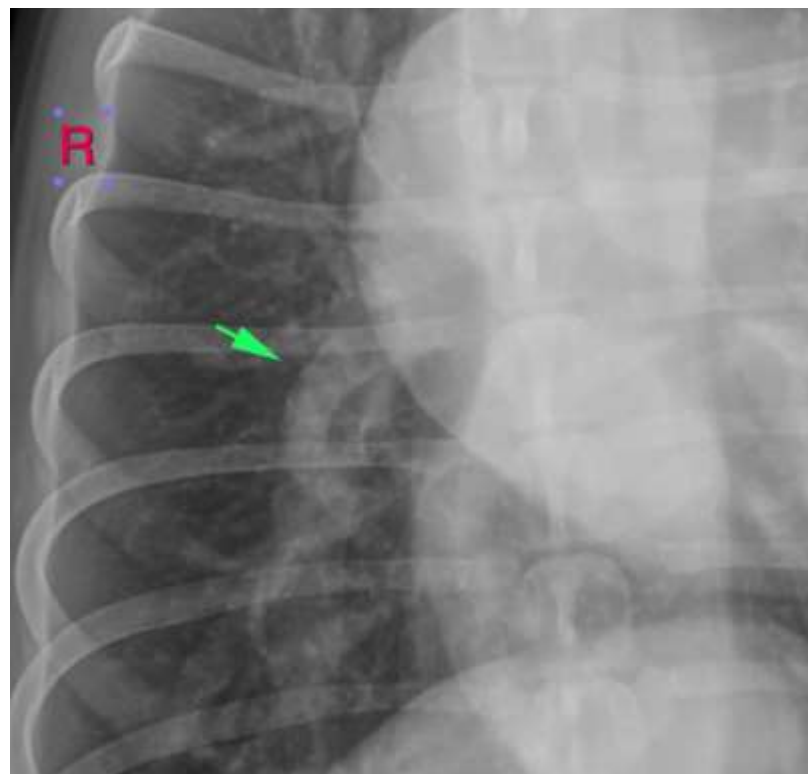
47075

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The detected increased opacity caudal and dorsal to the hilus is most probably located in the mediastinum and not a pulmonary finding. Hilar lymph nodes, vessels and/or esophagus may be affected. Differentials include a cystic lesion, abscess formation, lymphadenitis, esophageal granuloma/neoplasia (spirocerca lupi) and foreign material of the caudal mediastinum involving the course of the esophagus. Please rule out an esophageal lesion (esophagogram/endoscopy). Right-sided cardiomegaly and pulmonary infiltrates as seen with secondary eosinophilic pneumonia due to advanced heart worm disease are not detected. However, the tortuous artery on the right may represent pulmonary hypertension. Additional echocardiography could be performed to evaluate presence of hypertension and the main pulmonary arteries.





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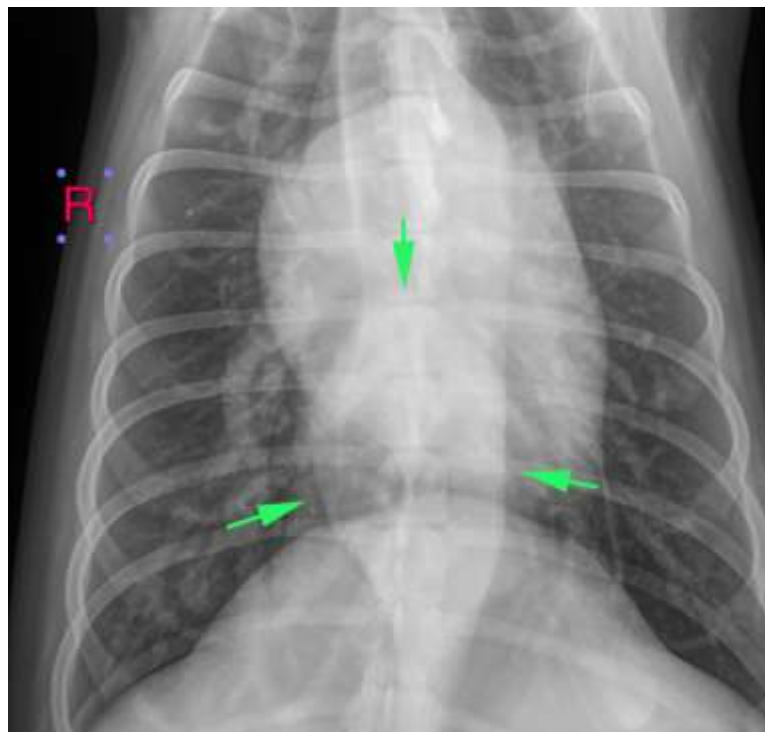
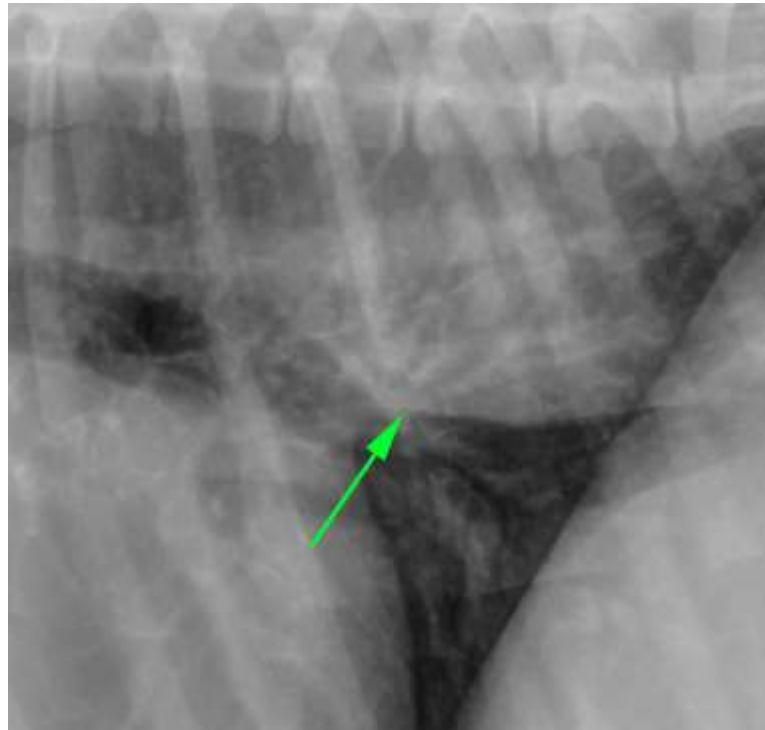
Dr. Yogo

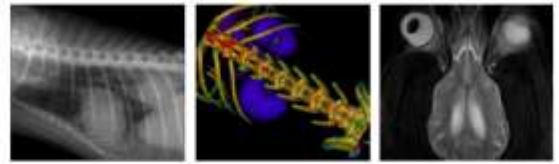
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
Sebastian.Jawinski@sonopath.com