



PATIENT PRESENTING CLINICAL SIGNS

Chupa Tschirren Chupa has been coughing, gagging and gasping for air. She is waking the owner up at night with her coughing. No recent exposure to other dogs. Exercise intolerance.
Abnormal PE/Chem/CBC/UA Results: Grade 5/6 heart murmur noted on exam. Bloodwork showed elevated ALT.

SPECIES

Canine **RADIOGRAPHIC STUDY OF THE THORAX**

Radiographs of the thorax in three imaging planes are provided for review.

BREED RADIOGRAPHIC FINDINGS

Chihuahua The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

SEX

FS

The caudal contour of the cardiac silhouette is steep and the caudal cardiac waist is lost. A wedge shaped soft tissue opacity is seen in the region of the left atrium in the lateral views. The principal bronchi are diverging in the lateral projection, the right main stem bronchus is mildly deviated dorsally. In the VD view, a double opacity of the cardiac silhouette is seen level with the left atrium.

AGE

13 Years

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

In the right lateral view of the thorax, moderate dorsoventral flattening of the caudal tracheal segment is seen. The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

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

HOSPITAL NAME

Lacombe Veterinary
 Centre

The lung parenchyma has a mild ground glass opacity in the perihilar region. The pulmonary veins of the right caudal lung lobe are mildly prominent.

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

RADIOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Cindy Nowle

- Generalized left sided cardiomegaly
- Perihilar unstructured interstitial lung pattern
- Suspect mild enlargement pulmonary veins right caudal lung lobe

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The left sided cardiomegaly is fitting the history of possible underlying mitral valve insufficiency and secondary left cardiac volume overload. The unstructured interstitial lung pattern in combination with the prominent pulmonary veins of the right caudal lung lobe are suggestive for cardiogenic pulmonary edema.

DATE

3-13-23

Mechanical interaction of the left atrium with the principal bronchi can induce cough as well.

A cardiac echo might be used for further assessment of cardiac chamber size and function.



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REFERRING VET

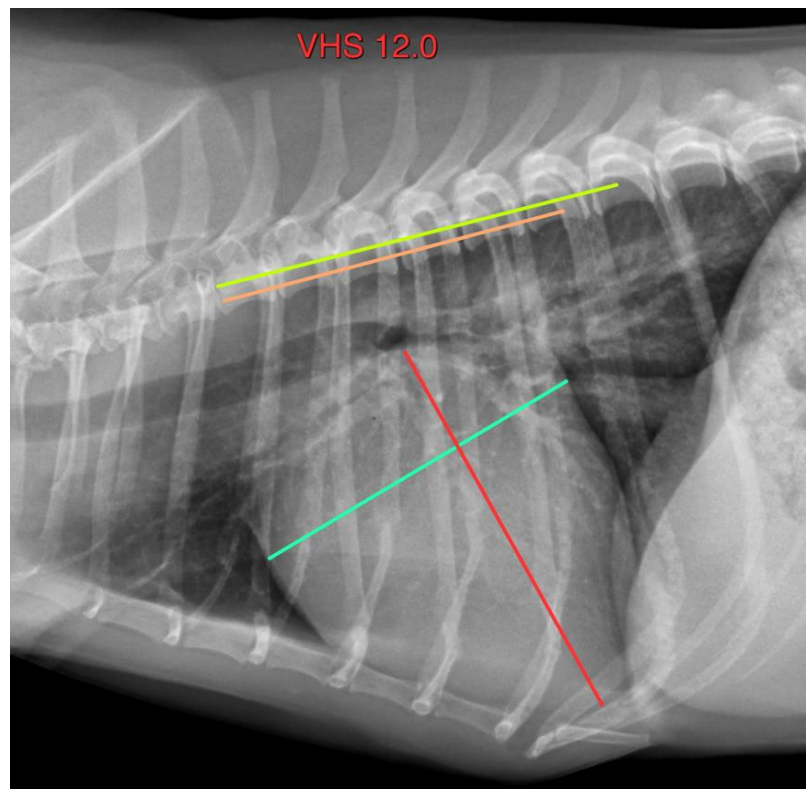
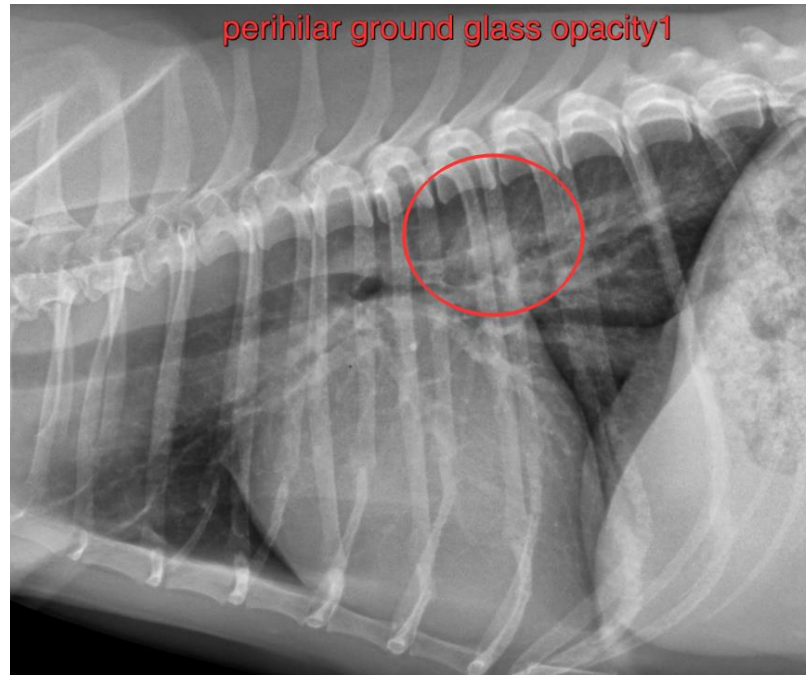
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SPECIES

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

Chihuahua

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.

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