



**PATIENT**

Jones Wickham

**PRESENTING CLINICAL SIGNS**

Murmur 3/6 present 2 plus years. irregular rhythm, cough 48 hours. History of diarrhea 2 weeks

**RADIOGRAPHIC STUDY OF THE THORAX**

**SPECIES**

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

Canine

**RADIOGRAPHIC FINDINGS**

**BREED**

The proximal aspect of the right scapula presents a mild coarse trabecular pattern - not appreciated in the lateral projections.

Pit

The extrathoracic soft tissues present homogeneous without abnormalities.

**SEX**

The caudal contour of the cardiac silhouette is steep, and the caudal cardiac waist is lost. The left principal bronchus is deviated dorsally. In the VD projection, moderate bulging of the cardiac silhouette in the region of the left ventricle is appreciated. The pulmonary veins of the caudal lung lobes are prominent.

Male

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.

**AGE**

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

13

**INTERPRETED BY**

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

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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

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

**RADIOGRAPHIC DIAGNOSIS**

- Left sided cardiomegaly
- Vascular pattern caudal lung lobes, accentuating the pulmonary veins
- Coarse trabecular pattern proximal aspect right scapula

**REFERRING VET**

Dr. Sid Bruckert-Frisk

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

The radiographic study presents enlargement of the left atrium and ventricle with evidence of volume overload of the pulmonary veins. Underlying mitral valve insufficiency or cardiomyopathy (e.g. dilated cardiomyopathy) are considerations. Complementing workup by a cardiac echo is considered beneficial for further definition.

51664

**DATE**

The coarse pattern of the proximal segment of the scapula is likely a sequela to odds projection of the dorsal margin, however, check clinically for signs of pain or swelling in the respective region to screen for early stage of aggressive osseous lesion. In case of doubt, follow up radiographs centered on the right scapula can be beneficial.

4-21-22



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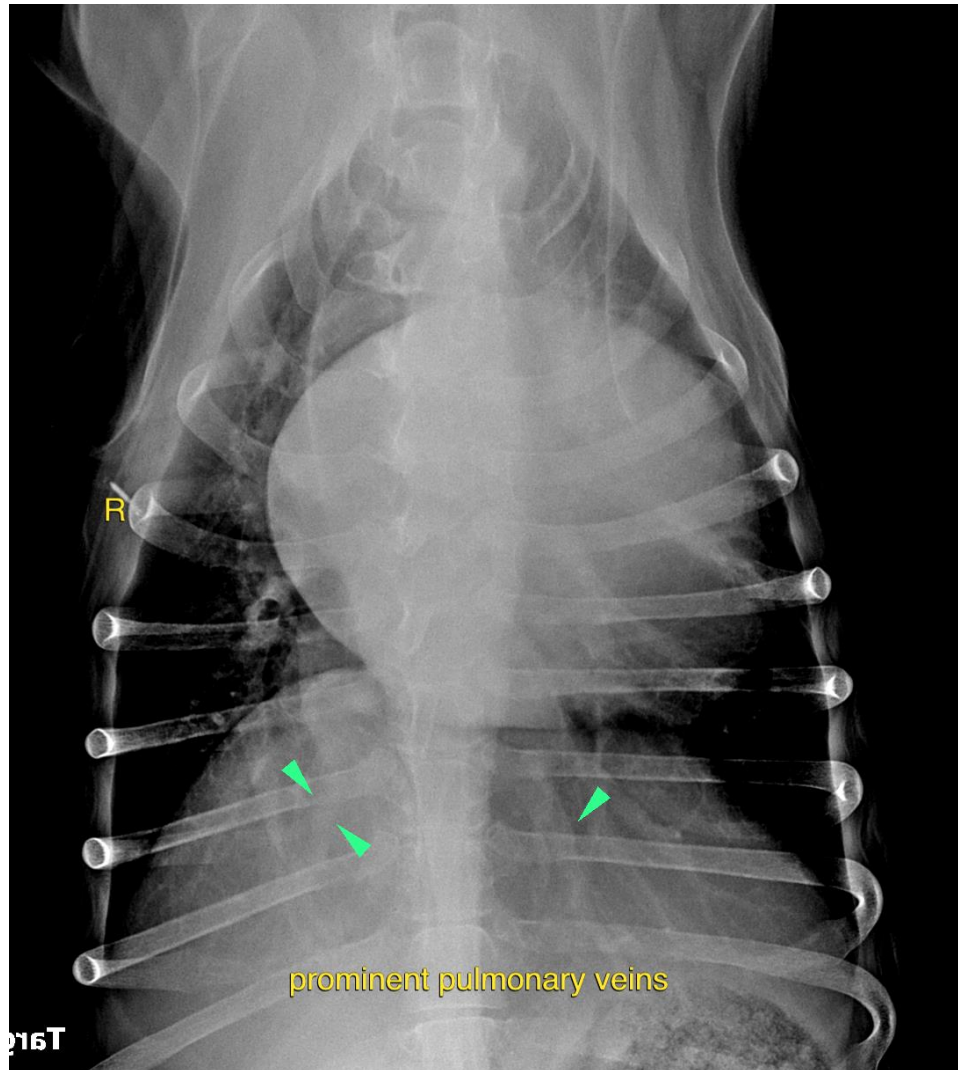
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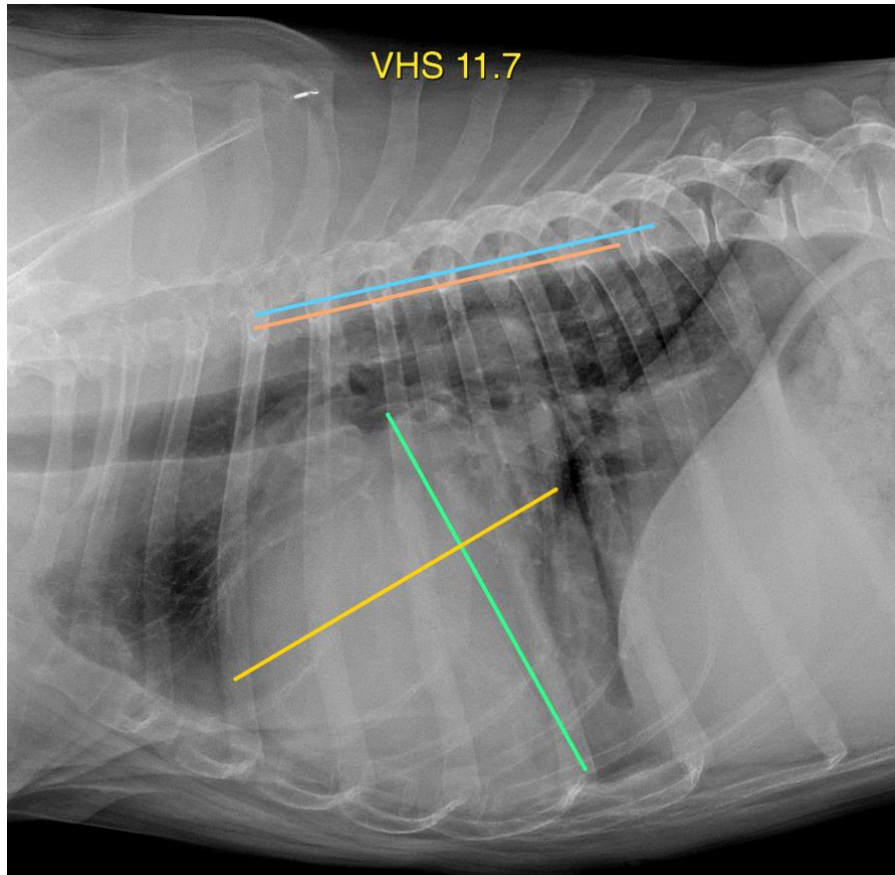
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
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