



**PATIENT**

Geraldine White

**PRESENTING CLINICAL SIGNS**

wasn't sure if you got the right images, however I want the thoracic films evaluated. Not the abdominal films.  
Abnormal PE/Chem/CBC/UA Results:

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE THORAX**

A right lateral and ventrodorsal projection of the thorax are provided for review.

**BREED**

Golden Retriever

**RADIOGRAPHIC FINDINGS**

The intervertebral disc spaces T5/T6 and T7/T8 are moderately narrowed.

The extrathoracic soft tissues present homogeneous without abnormalities.

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.

**SEX**

FS

The heart is occupying approximately 85% of the thoracic height and the trachea is elevated, paralleling the thoracic spine. The caudal contour of the cardiac silhouette is steep and the caudal cardiac waist is lost. A wedge shaped soft tissue opacity is seen level with the left atrium. The vertebral heart score is 12.4. The pulmonary vein of the left cranial lung lobe presents an increased diameter in comparison to the paralleling pulmonary artery.

**AGE**

13 Years

The lung field is extending up to the caudal vertebral endplate of T10 – expiratory film. The caudodorsal lung field presents a generalized ground glass opacity.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The trachea is normal in diameter. 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**

Balmy Beach Pet Hospital

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

In the pictured parts of the cranial abdomen, the hepatic volume appears prominent.

**RADIOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Dr. Singh

- Generalized left sided cardiac enlargement
- Prominent pulmonary vein
- Unstructured interstitial lung pattern caudodorsal lung field
- Hepatomegaly
- Chronic discopathy T5/T6 and T7/T8

**INVOICE**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The left sided cardiac enlargement in combination with the prominent pulmonary veins indicates left cardiac volume overload. Depending on the presenting clinical signs, underlying mitral valve insufficiency or cardiomyopathy (e.g. DCM) need to be considered. A cardiac echo would be ideal for further assessment of cardiac chamber size and function.

**DATE**

9-19-22

The unstructured interstitial pattern of the caudodorsal lung field is likely accentuated by the hypoinflation of the lung parenchyma, however cardiogenic interstitial edema is a potential here



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as well.

Potentials for the hepatomegaly include metabolic hepatic disease/steroid induced hepatopathy, hepatitis or neoplastic infiltration. Ultrasound including FNA sampling can be used as minimally advanced diagnostic tests.

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**AGE**

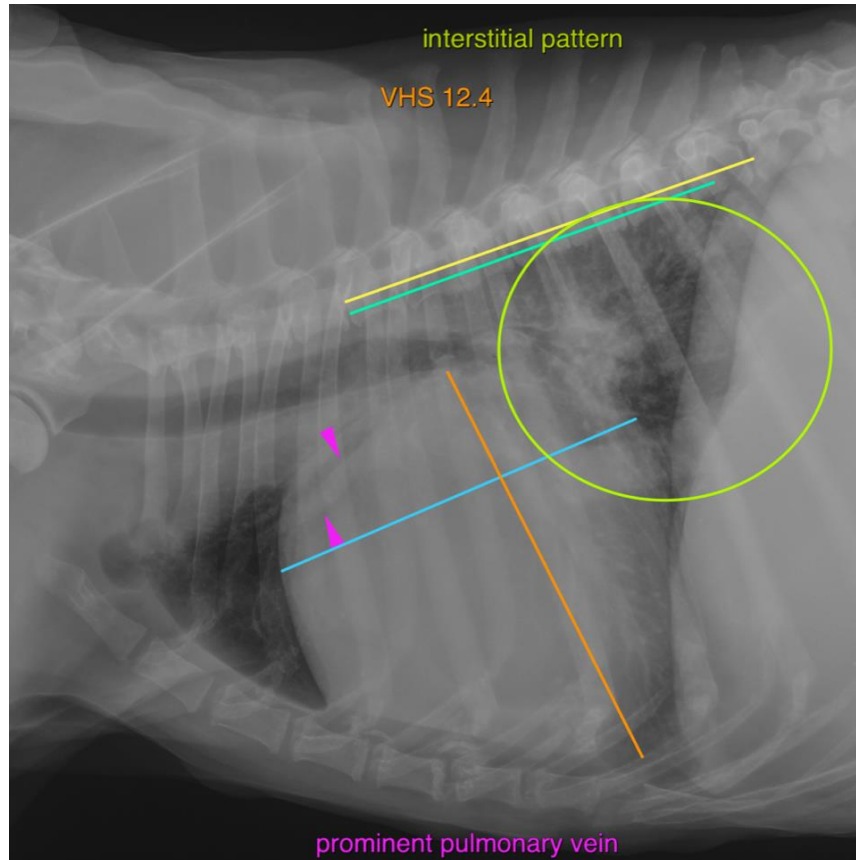
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**DATE**

9-19-22

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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