



**PATIENT PRESENTING CLINICAL SIGNS**

Chloe Monroe Mast cell tumor removed 6/15 Has mitral stage C disease, owner reports panting /restless overnight  
 On pimobendan , lasix , spironolactone and benazepril  
 Abnormal PE/Chem/CBC/UA Results: gave lasix IM and torbugesic, SpO2 - 93%

**SPECIES RADIOGRAPHIC STUDY OF THE THORAX**

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

**RADIOGRAPHIC FINDINGS**

**BREED** The 8<sup>th</sup> and 9<sup>th</sup> left rib present mild increased diameter of the mid third.

Mix 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 cardiac silhouette is elongated and occupying approximately 80% of the thoracic height; the trachea is paralleling the thoracic spine. A wedge shaped soft tissue opacity is seen level with the left atrium in the lateral view. Scalloping of the cardiac silhouette in the VD view, level with the left atrial auricular appendage is noted. The vertebral heart score is 12.3. The pulmonary vasculature is within normal limits.

**AGE** 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.

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**INTERPRETED BY**

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

Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI

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

**HOSPITAL NAME**

The lung field is extending up to the level of the caudal vertebral endplate T10/mid segment of the vertebral body of T11 – expiration. The lung parenchyma of the caudodorsal lung field presents a mild to moderate ground glass opacity.

Northshore  
 Veterinary Hospital

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

**RADIOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Brita Kiffney

- History of left sided cardiomegaly due to mitral stage C disease – stationary in comparison to the preceding radiographic study
- Unstructured interstitial lung pattern caudodorsal lung field
- Chronic costal fracture 8<sup>th</sup> and 9<sup>th</sup> left rib – in remodeling phase

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The unstructured interstitial lung pattern of the caudodorsal lung field can be accentuated by the hypoinflation of the lung field as it cannot be appreciated in the VD view of the thorax. However, in combination with the mitral valve disease, pulmonary edema in transition is a potential.

**DATE**

6-28-23



**PATIENT**

Chloe Monroe

**SPECIES**

Canine

**BREED**

Mix

**SEX**

FS

**AGE**

12

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Northshore  
Veterinary Hospital

**REFERRING VET**

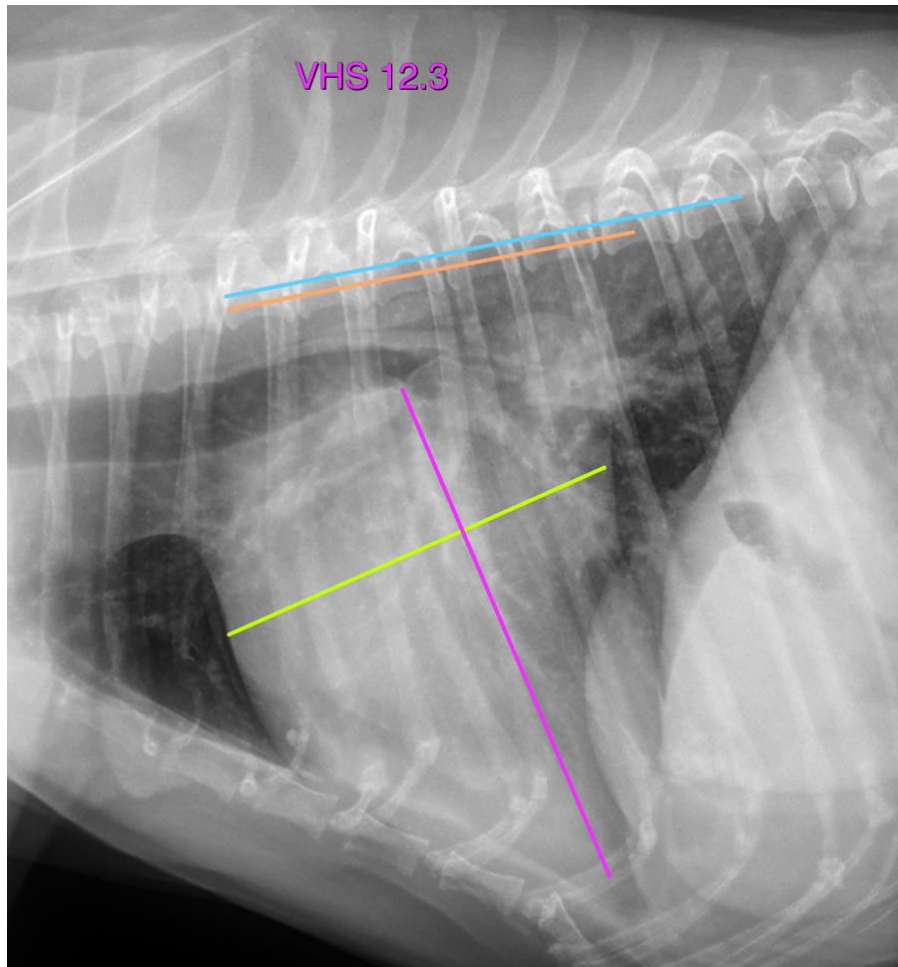
Brita Kiffney

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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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