



**PATIENT**

Kingsley Carder

**PRESENTING CLINICAL SIGNS**

grade 3 to grade 4 heart murmur. more prominent on the left side

**RADIOGRAPHIC STUDY OF THE THORAX**

**SPECIES**

Canine

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

**RADIOGRAPHIC FINDINGS**

The costal cartilages present moderate degenerative changes.

**BREED**

Shih Tzu

The extrathoracic soft tissues present homogeneous without abnormalities.

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 VD view, a double opacity is seen in the region of the left atrium. The vertebral heart score is 11.7. The pulmonary vasculature is within normal limits.

**SEX**

Neutered 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**

9 Years

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.

**INTERPRETED BY**

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.

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

**HOSPITAL NAME**

Truscott Animal  
Hospital

**RADIOGRAPHIC DIAGNOSIS**

- Left sided cardiomegaly without signs of decompensation

**REFERRING VET**

Dr. Medhat Meawad

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The left sided cardiomegaly in combination with the cardiac murmur is likely a sequela to myxomatous mitral valve degeneration and secondary mitral valve insufficiency. The left cardiac enlargement indicates subsequent left sided volume overload. A cardiac echo can be used for further assessment of cardiac chamber size and function.

**INVOICE**

54480

**DATE**

10-5-22



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Shih Tzu

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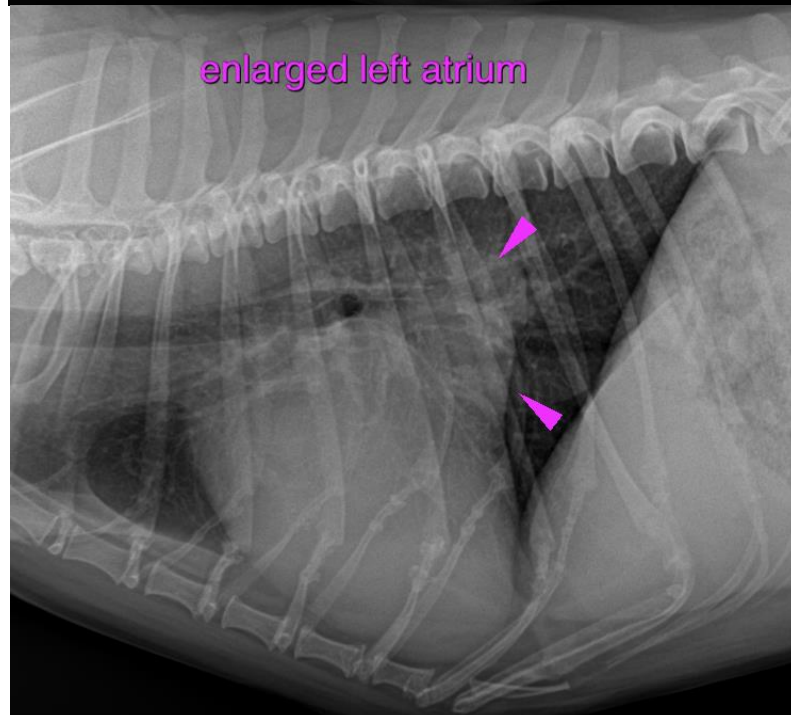
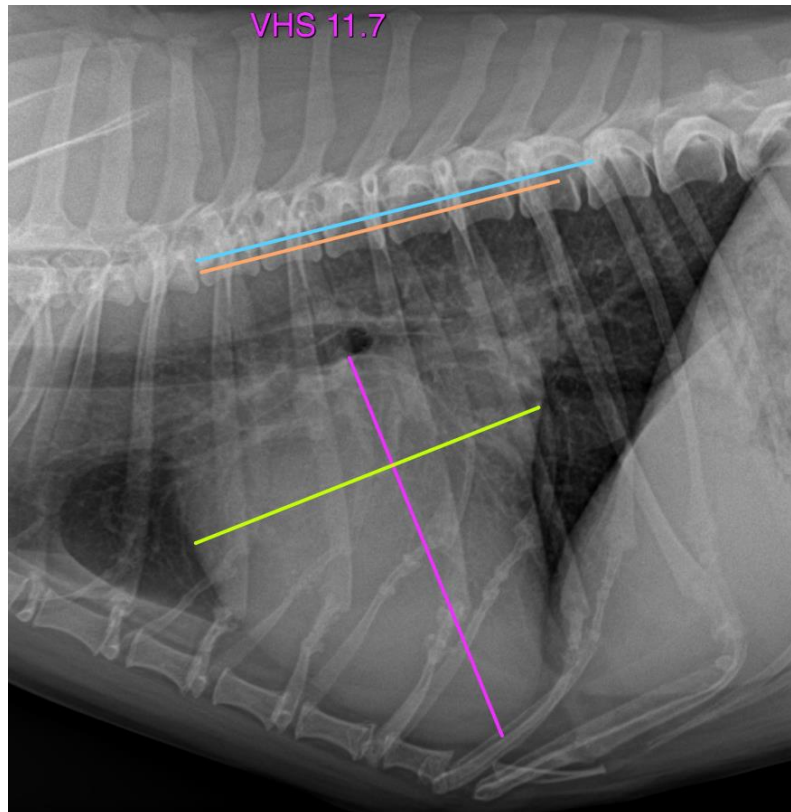
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**BREED**

Shih Tzu

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  
sebast.schaub@gmail.com

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