



**PATIENT PRESENTING CLINICAL SIGNS**

Kingsley Carder Grade 3-4/6 murmur, mild cough at night. Echocardiograph done and came back as a severe case of Mitral valve insufficiency and that he is in a high risk in developing heart failure now or in the soon future. Thoracic radiograph to check for evidence of CHF so we start him on necessary treatment. R/O pulmonary hypertension vs pulmonary edema vs lung abnormality vs others

**SPECIES**

Canine **RADIOGRAPHIC STUDY OF THE THORAX**

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

**BREED RADIOGRAPHIC FINDINGS**

Shih Tzu The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

**SEX**

Neutered Male

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 heart is occupying approximately 5 intercostal spaces and 80% of the thoracic height. The vertebral heart score is 12.9. The pulmonary veins of the cranial lung lobes are mildly prominent in comparison to the accompanying pulmonary arteries.

**AGE**

10 Years

The lung parenchyma in the perihilar region has a mild ground glass opacity.

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

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

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**

- Progressive left sided cardiomegaly
- Mild prominent pulmonary veins
- Perihilar unstructured interstitial lung pattern

**REFERRING VET**

Dr. Medhat Meawad

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic study of the thorax presents progressive cardiac enlargement and signs of mild interstitial cardiogenic pulmonary edema due to left sided cardiac volume overload. Underlying mitral valve insufficiency has already been confirmed by cardiac echo.

**INVOICE**

57497

**DATE**

3-28-23



**PATIENT**

Kingsley Carder

**SPECIES**

Canine

**BREED**

Shih Tzu

**SEX**

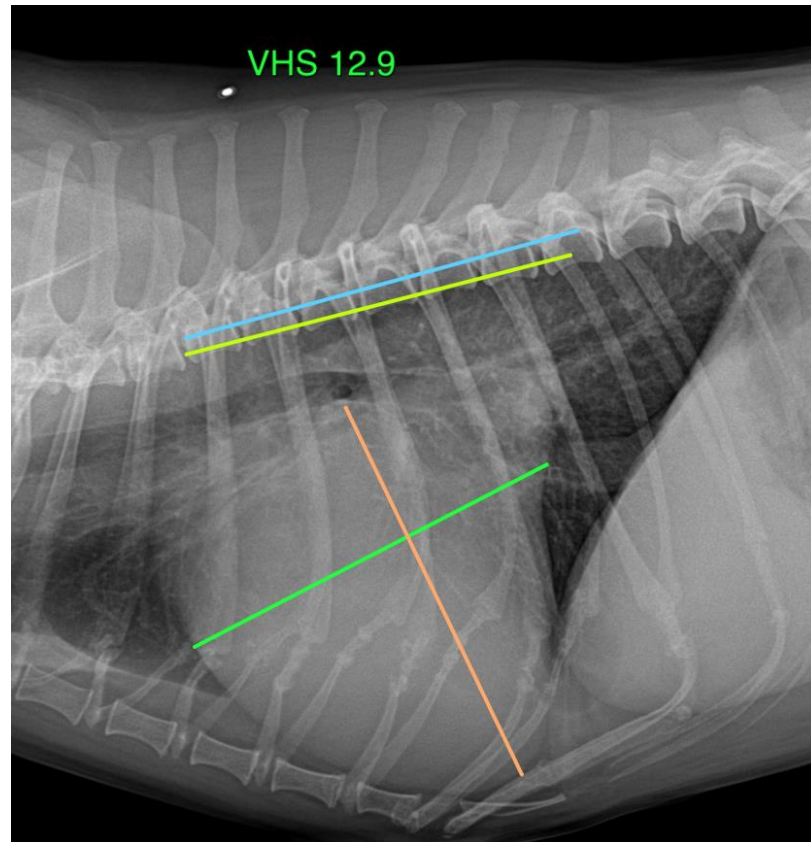
Neutered Male

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**HOSPITAL NAME**

Truscott Animal  
Hospital

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.

**REFERRING VET**

Dr. Medhat Meawad

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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