



**PATIENT**

Nola Lyons

**PRESENTING CLINICAL SIGNS**

P presented for thoracic evaluation of heart given presence of heart murmur  
 Abnormal PE/Chem/CBC/UA Results: - Cough noted at home when active and at rest - Grade IV-V/VI heart murmur auscultated bilaterally (louder on left side) - BW pending

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE THORAX**

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

**BREED**

Terrier Mix

**RADIOGRAPHIC FINDINGS**

The surrounding bony structures are within normal limits.

**SEX**

Female Spayed

The extrathoracic soft tissues present homogeneous without abnormalities.

The caudal contour of the cardiac silhouette is steep, and the caudal cardiac waist is lost. The left atrium is prominent and the left principal bronchus is mildly deviated dorsally.. The pulmonary vasculature is within normal limits.

**AGE**

6 Years

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

**HOSPITAL NAME**

Boca Park Animal Hospital

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.

**REFERRING VET**

Tifanie Silver

**RADIOGRAPHIC DIAGNOSIS**

- Left atrial enlargement, without evidence of decompensation

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

49760

The left atrial enlargement in combination with the heart murmur indicates left atrial volume overload and underlying myxomatous mitral valve degeneration is the most likely underlying cause. Complementing workup by a cardiac echo can be used for further evaluation of cardiac chamber size and function.

**DATE**

1-23-22



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**REFERRING VET**

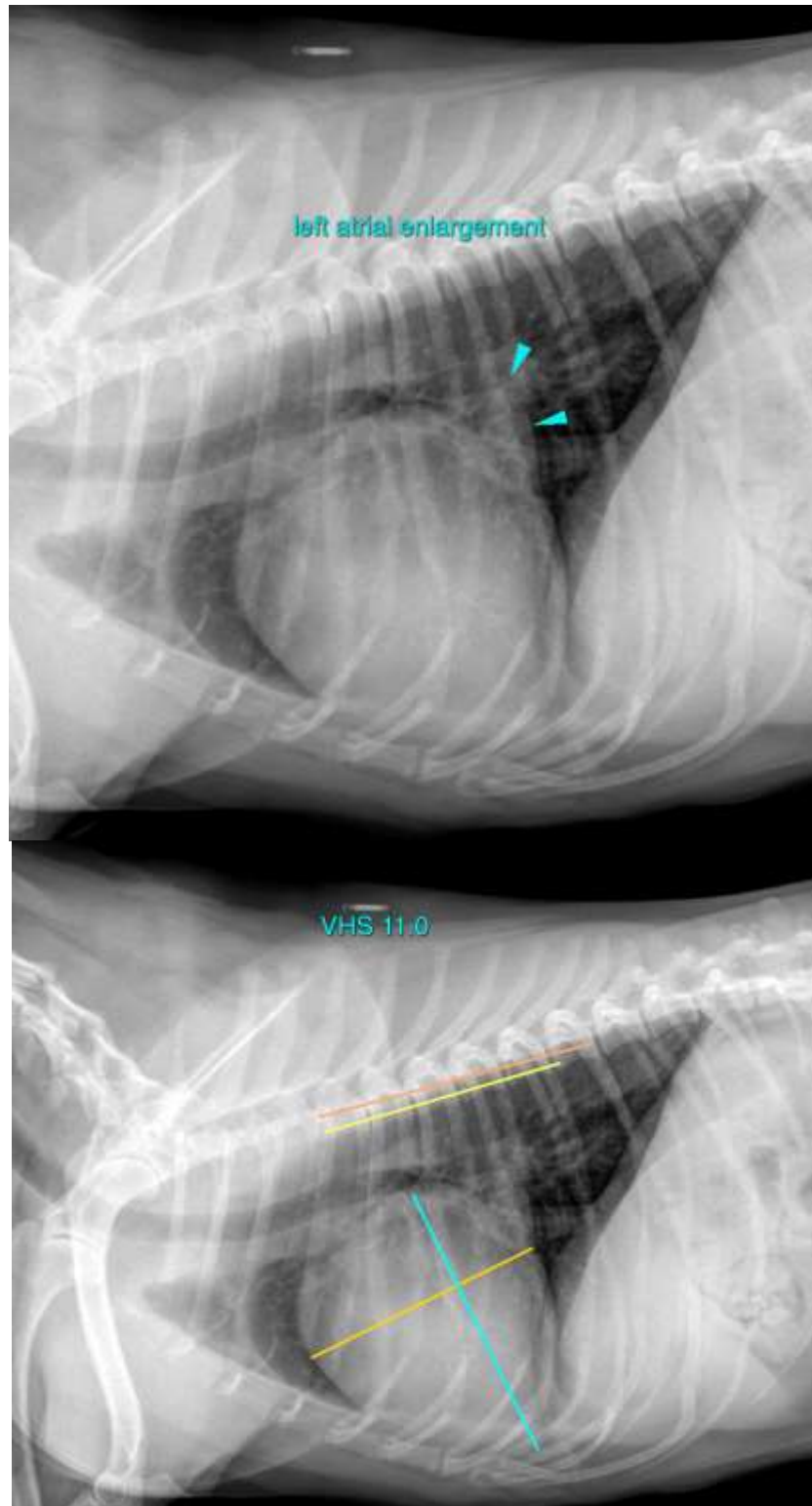
Tifanie Silver

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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**

Terrier Mix

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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