



**PATIENT PRESENTING CLINICAL SIGNS**

Elle Watkins Elle is doing well at home overall. Thoracic x-rays performed to assess the heart with newly diagnosed heart murmur. No obvious changes with the heart noted, normal VHS score. Noted dorsal deviation of the trachea, cranial to the heart. Concern with repeated deviation on various views. Owner interested in pursuing dental therapy, but concern for potential issues with intubation.

**SPECIES**

Canine Abnormal PE/Chem/CBC/UA Results: Newly diagnosed Grade III/VI heart murmur. Echo performed, tricuspid and mitral valve regurgitation. No obvious changes with the structure of the heart at this time. Chem/CBC within normal limits.

**BREED**

Shih Tzu

**RADIOGRAPHIC STUDY OF THE THORAX**

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

**SEX**

Female Spayed

**RADIOGRAPHIC FINDINGS**

The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

**AGE**

16 Years, 3 Months

The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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.

The trachea is normal in diameter, the luminal outline of the trachea is smooth. The cranial intrathoracic segment of the trachea presents a mild dorsal bending.

**HOSPITAL NAME**

Gentle Doctor Animal  
Hospital

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

The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

**REFERRING VET**

Dr. Sergio Valadez

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

**RADIOGRAPHIC DIAGNOSIS**

**INVOICE**

50897

- Normal thorax

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

3-14-22

The dorsal bending of the cranial intrathoracic segment of the trachea is very likely a sequela to positioning and commonly happens with flexion of the skull. There is no evidence of a mass effect. No problems with intubation are expected.



**PATIENT**

Elle Watkins

**SPECIES**

Canine

**BREED**

Shih Tzu

**SEX**

Female Spayed

**AGE**

16 Years, 3 Months

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**HOSPITAL NAME**

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**REFERRING VET**

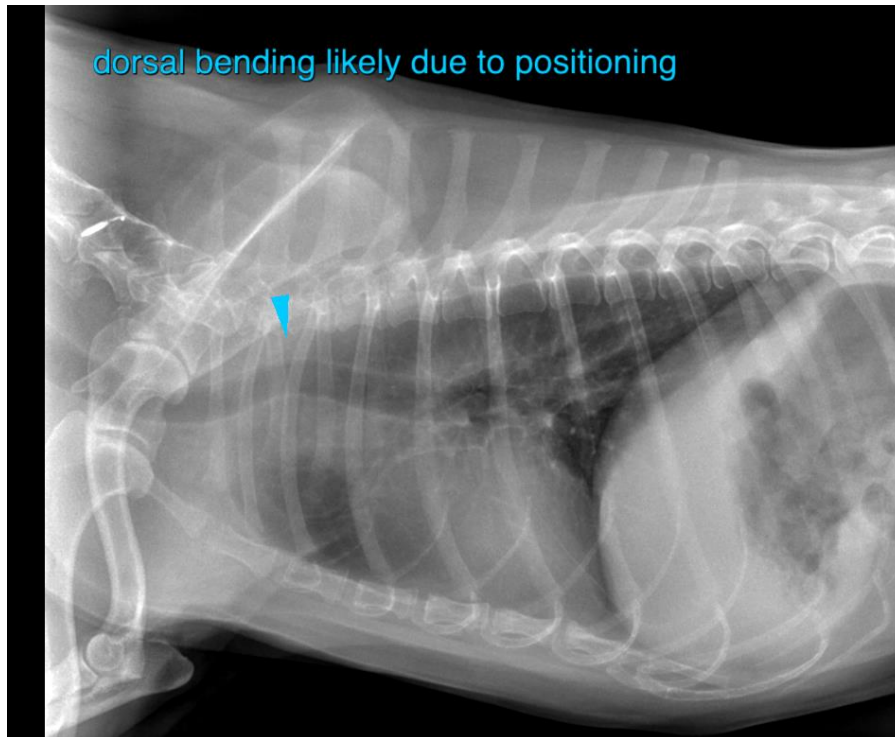
Dr. Sergio Valadez

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**DATE**

3-14-22



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  
sebast.schaub@gmail.com