



**PATIENT**

Mac DeSouza

**PRESENTING CLINICAL SIGNS**

presented for 1 episode of syncope this morning. The patient has been since 1 month on Fortekor 5 mg half tablet per day and Vetmedine 5 mg half tablet twice a day. The owner reports that since Mac has started the treatment, no cough has been noticed ,the dog has been quite happy in himself;he has been drinking a normal daily amount of water and the urination is fine. On the presentation the patient is alert and responsive,MMC are pinkish slight dyspnea with mainly abdominal respiratory pattern. Heart murmur quite loud graded 3,pulse syncronos and full, the lung sound is quite muffled. Temp 38.5 The blood test reveals an increased phosphorus and all the others paramethers are in the normal range The xray provided in LL and VD projection reveals an enlarged heart that press on the trachea and slight lung intestinal oedema. The area around the larynx shows exuberant soft tisse . Considering an heart arytmia

**SPECIES**

Canine

**BREED**

Cavalier King Charles Spaniel

**RADIOGRAPHIC STUDY OF THE THORAX**

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

**SEX**

MN

**RADIOGRAPHIC FINDINGS**

The surrounding bony structures are within normal limits.

**AGE**

10 Years

The extrathoracic soft tissues present homogeneous without abnormalities.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

Generalized enlargement of the cardiac silhouette is present, the heart is occupying 4 intercostal spaces and 90% of the thoracic height; the trachea is paralleling the thoracic spine. The vertebral heart score is 13.8. The left principal bronchus is elevated dorsally. In the VD view dextroversion of the heart is noted, likely secondary to significant enlargement of the left ventricle. The pulmonary vessels are within normal limits.

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.

**HOSPITAL NAME**

The Veterinary Surgery

The trachea is normal in diameter. The luminal outline of the trachea is smooth.

The lung parenchyma presents mild increased reticular pattern in the perihilar region.

**REFERRING VET**

Dr. Valentina Fresta

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

**RADIOGRAPHIC DIAGNOSIS**

- Marked generalized cardiomegaly
- Mild to moderate unstructured interstitial pattern perihilar region

**INVOICE**

48026

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

10-27-21

The findings are consistent with the history of heart disease and myxomatous mitral valve degeneration with secondary mitral valve insufficiency and left sided volume overload of the heart the top differential. Due to the globoid shape of the heart pericardial effusion should be



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ruled out by a cardiac echo which will also allow further assessment of cardiac chamber size and function.

The perihilar interstitial pattern can indicate cardiogenic pulmonary edema in transition, there is no evidence of overt vascular enlargement.

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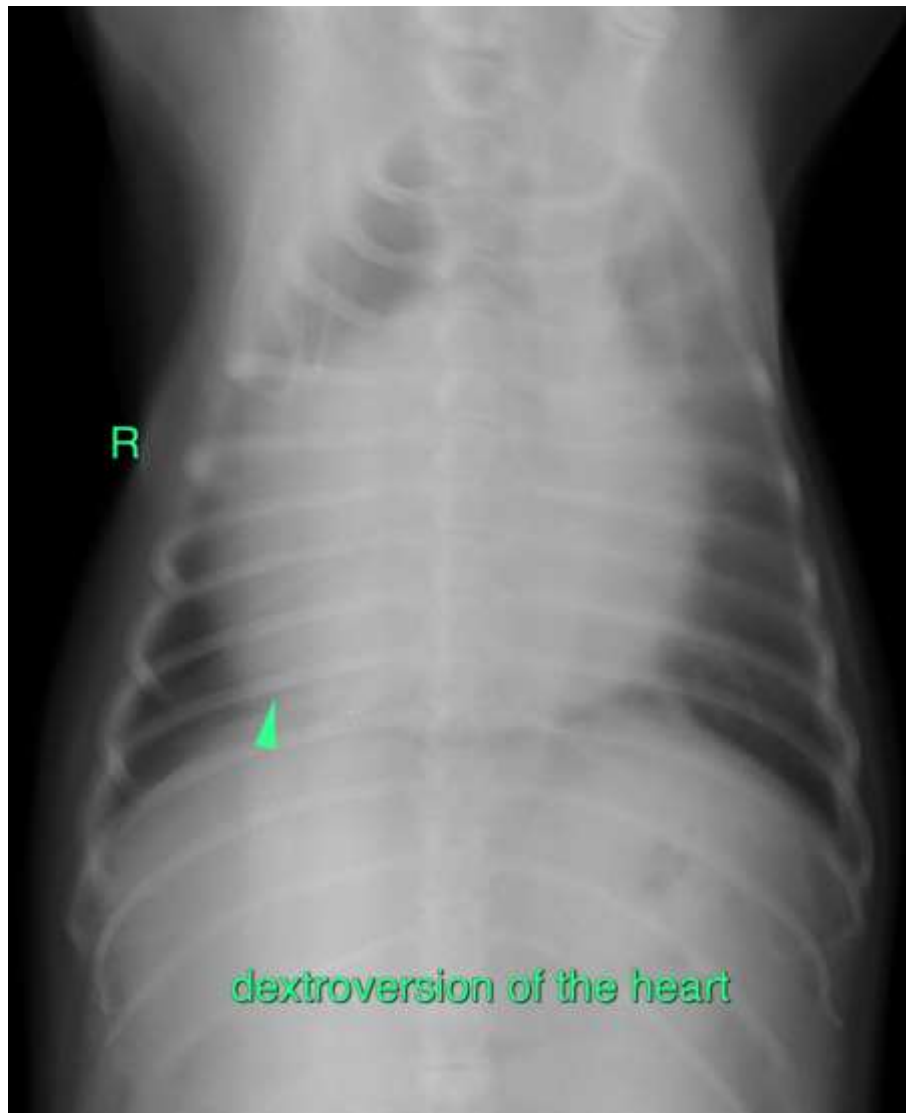
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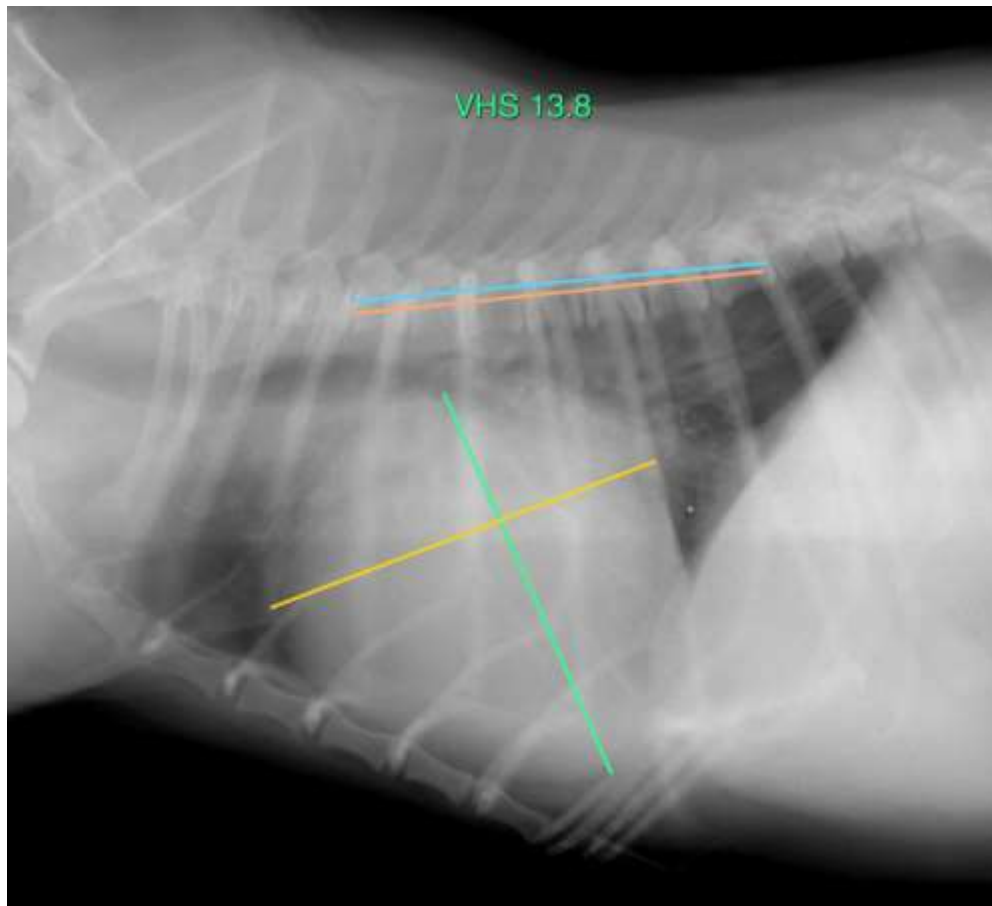
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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