



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Penny Svatos
 Patient diagnosed with mitral valve disease stage B1 in 2016. Most recent echo was in March 2020 and still showed MVD Stage B1. Asymptomatic at home. History of elevated ALP and ALT that have improved on Denamarin. Current medications: Denamarin, galliprant, omega-3 fatty acids, and glucosamine/chondroitin.

SPECIES Canine
 Abnormal PE/Chem/CBC/UA Results: Grade V/VI left sided holosystolic murmur with sinus rhythm. No abnormal lung sounds. Otherwise noted dental disease, overweight. Routine recheck chest radiographs at annual exam.

BREED RADIOGRAPHIC STUDY OF THE THORAX

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

RADIOGRAPHIC FINDINGS

SEX The body condition score is 7/9.

FS Both elbow joints present mild osteophyte new bone formation.

AGE The extrathoracic soft tissues present homogeneous without abnormalities.

14 Years, 1 Month
 In the VD projection a double opacity is seen in the region of the left atrium. The vertebral heart score is 10.6. 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 and presents the anticipated course. The luminal outline of the trachea is smooth.

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 presents a generalized mild ground glass opacification due to the nutritional status; the intrapulmonary vascular branching is seen up to the third order lung vessels.

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

INVOICE RADIOGRAPHIC DIAGNOSIS

- 49293
- Possible left atrial enlargement versus pericardial fat
 - Mild degenerative osteoarthritis elbow joints bilaterally
 - Obesity

DATE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

1-4-22
 The double opacity of the cardiac silhouette in the VD projection can indicate enlargement of the left atrium, but in the lateral projection there is no evidence of overt left atrial enlargement, and



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the double opacity might be caused by pericardial fat. A follow up cardiac echo might be beneficial to differentiate between left atrial enlargement versus pericardial fat.

The generalized increased radiopacity of the lung is considered secondary to the obesity of the patient.

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Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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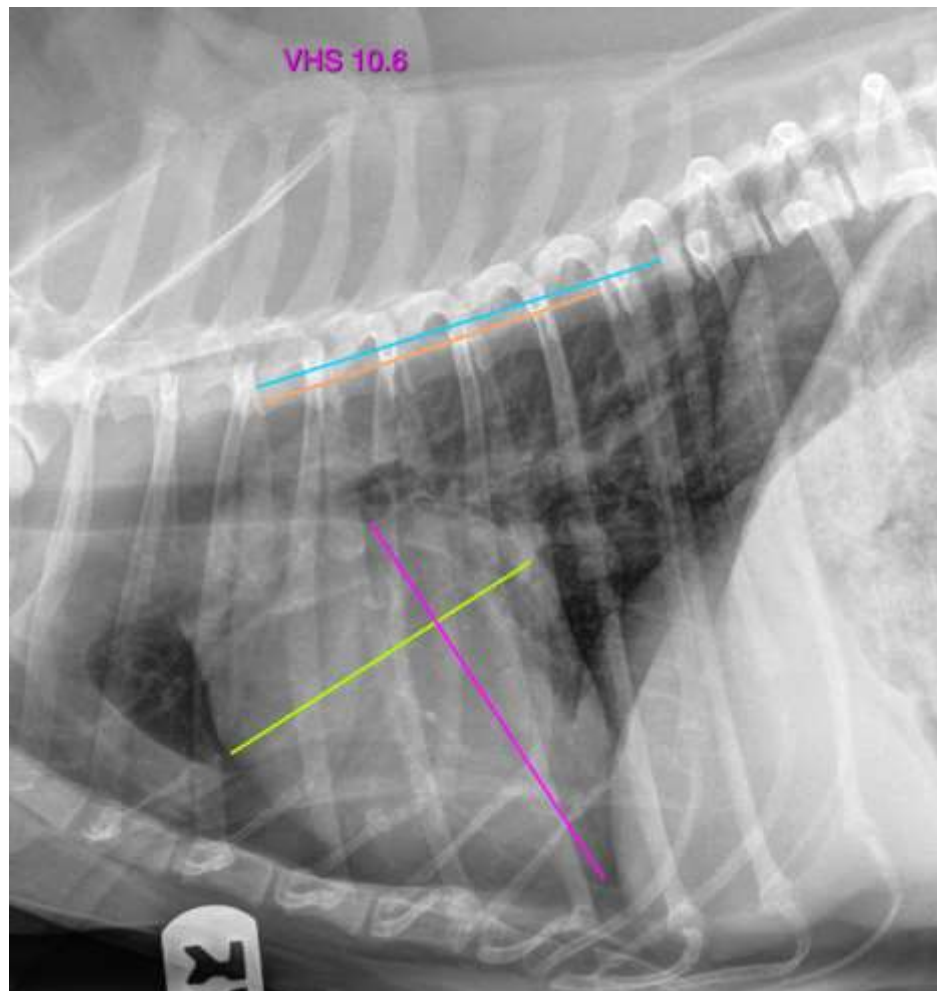
Taylor Morrison

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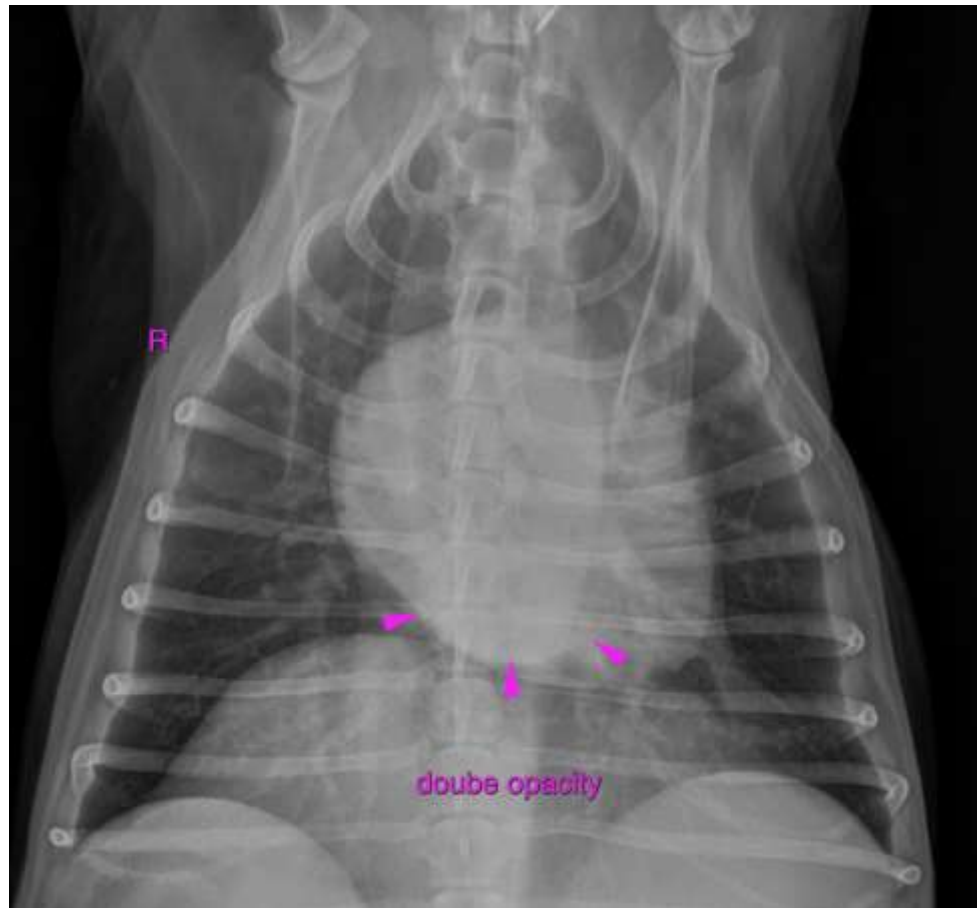
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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