



**PATIENT PRESENTING CLINICAL SIGNS**

Rex Ryan Known cardiac disease and collapsing trachea -- see previous report from x-rays submitted 9/2021. Lomotil started in september for collapsing trachea -- no improvement. Vetmedin and benazepril started in October. Coughing got worse in the last 2 weeks. Temaril P started with improvement noted only at twice daily dosing. Presented today with increased respiratory effort and coughing followed by a retch. Owners also report exercise intolerance.

Canine Abnormal PE/Chem/CBC/UA Results: Tachypnea with abdominal effort noted with increased activity on exam. Dry, honking cough elicited on tracheal palpation -- retch followed. Bilateral pulmonary crackles in all quadrants. Temp 102.4. Heart murmur stable at grade 3-4.

**BREED RADIOGRAPHIC STUDY OF THE THORAX**

Papillion Right/left lateral and ventrodorsal views totaling 4 images available for review. Compared to prior study dated 9-13-21.

**SEX RADIOGRAPHIC FINDINGS**

MN The patient is obese.

AGE The vertebral heart score has slightly increased from 10.9 to 11.2 which, however, may be within the limits of the cardiac cycle. There is the impression of mild dilation of the cranial lobar pulmonary vein and artery. No evidence of cardiogenic pulmonary edema is seen. The cardiac enlargement is accentuated for the left ventricle and left atrium with double opacity sign, bronchial splitting, and loss of the caudal cardiac waist.

11 Years, 3 Months

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The degree of pulmonary inflation is fair which contributes to an increase in caudodorsally accentuated interstitial opacity.

Varying degrees of tracheal membrane redundancy are noted for the cervical trachea.

**HOSPITAL NAME** There is mild generalized hepatomegaly.

Gentle Doctor Animal Hospital

**RADIOGRAPHIC DIAGNOSIS**

- Moderate left sided cardiomegaly with slightly potential increase in the left atrial and left ventricular enlargement.
- Redundancy of the dorsal tracheal ligament of the cervical trachea.
- Hepatomegaly.
- Obesity.

**REFERRING VET**

Dr. Adrienne Kanne

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

48717

The slight increase in vertebral heart score may well indicate mild progression of the cardiac disease; however, no evidence of congestive heart failure is noted at this time, and it cannot be ruled out that the vertebral heart score measurement difference is within the limits of the normal cardiac cycle. The mass effect of the left atrium onto the left mainstem bronchus may contribute to coughing. There also is stationary evidence of dynamic tracheal disease accentuating the cervical trachea.

**DATE**

12-2-21

The hepatomegaly is likely to represent metabolic or endocrine hepatopathy. Diffuse infiltrative



**PATIENT**

disease cannot be ruled out. Correlate with the laboratory values.

Rex Ryan

**SPECIES**

Canine

**BREED**

Papillion

**SEX**

MN

**AGE**

11 Years, 3 Months

**INTERPRETED BY**

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Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Gentle Doctor Animal  
Hospital

**REFERRING VET**

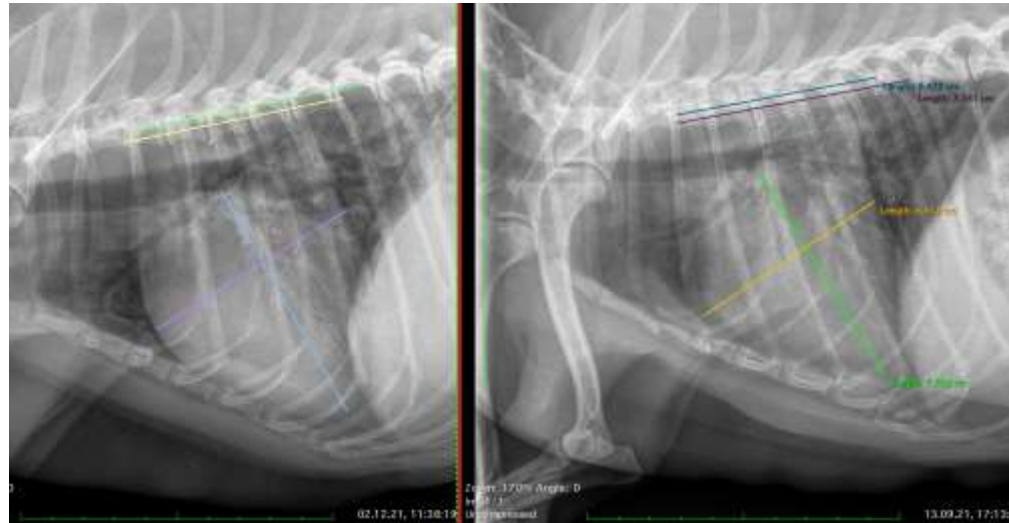
Dr. Adrienne Kanne

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**DATE**

12-2-21



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.

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com