

**PATIENT**

O.T. Oltmanns

**PRESENTING CLINICAL SIGNS**

P presented for senior exam. O stated P has been coughing for years but recently more upon physical exam. P has grade IV systolic heart murmur ( first noticed in 2019, mildly increased lung sounds, abdomen; overweight/ distended. Bloodwork pending.

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE THORAX**

Right/left lateral and ventrodorsal views totaling 3 images available for review.

**BREED**

Chihuahua Mix

**RADIOGRAPHIC FINDINGS**

Moderate collapse of the caudal cervical trachea is seen on the left lateral view. The tracheal lumen is patent on the right lateral view.

**SEX**

Male Neutered

There appears to be mild left sided cardiomegaly with mild left atrial tenting. The vertebral heart score is 11.2. The trachea is mildly elevated. No evidence of dilation of the pulmonary vessels is seen and there is no evidence of cardiogenic pulmonary edema.

A moderate generalized bronchial lung pattern with mild peribronchial cuffing accentuating the caudal lung field is noted.

**AGE**

11 Years, 9 Months

Mild enlargement of the liver is noted.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDF

**RADIOGRAPHIC DIAGNOSIS**

- Mild left sided cardiomegaly with potential mild left atrial enlargement - no evidence of congestive heart failure.
- Moderate dynamic cervical tracheal collapse.
- Chronic lower airway disease with peribronchial cuffing.
- Mild hepatomegaly.

**HOSPITAL NAME**

All Creatures Animal  
Hospital of South Hill,  
Inc.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic study reveals mild left sided cardiomegaly. There is potential for mild left atrial enlargement; however, no evidence of cardiogenic pulmonary edema is seen at this point and the clinical significance of the noted changes is unclear. Consider a full cardiac echo for a more detailed assessment. The significance of the cardiac changes with respect to the clinical signs is questionable. The potential enlargement of the left atrium may cause a mild mass effect onto the left mainstem bronchus and lead to coughing. However, the chronic lower airway disease and tracheal collapse may contribute here as well.

**REFERRING VET**

Dr. Donnaway

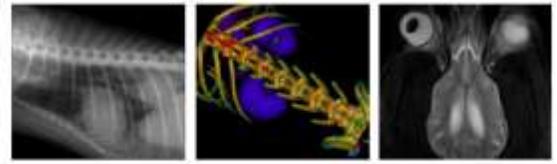
**INVOICE**

46913

Differential diagnosis for the radiographic changes of the bronchial tree includes chronic irritant/allergic bronchopneumopathy and less likely infectious bronchitis such as viral, bacterial, parasitic, or protozoal.

**DATE**

8-9-21



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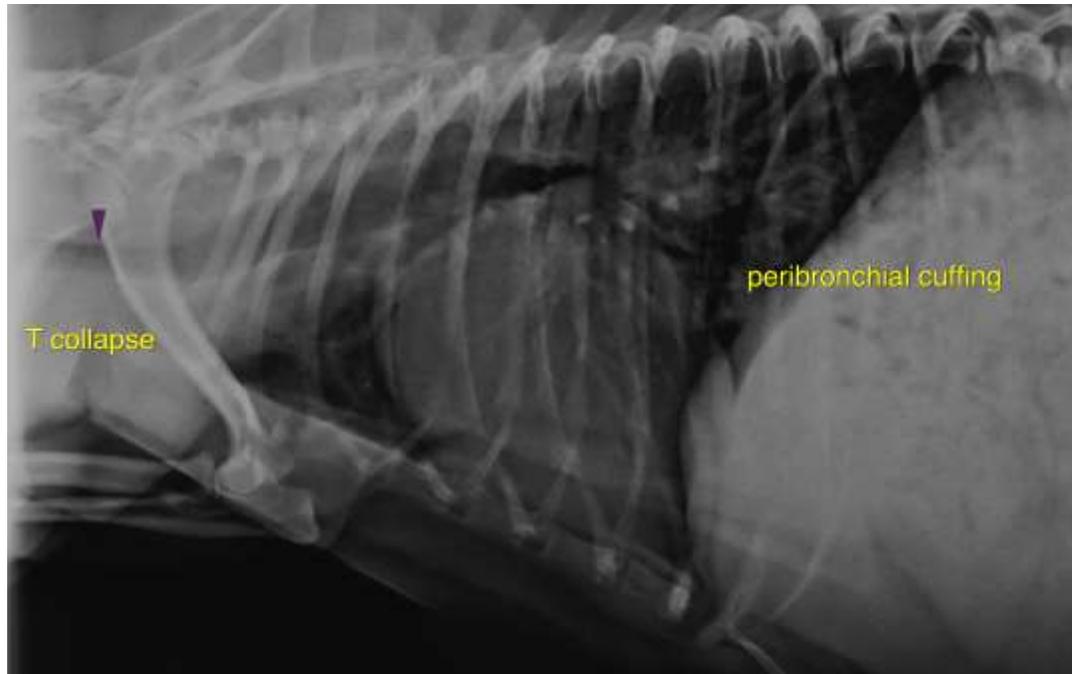
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**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