



**PATIENT**

Tequila Becker

**PRESENTING CLINICAL SIGNS**

History of tracheal collapse, well controlled with Hydrocodone PRN. Increase in cough frequency and change from "dry" to "wet" sounding cough in the last 2 days.  
 Abnormal PE/Chem/CBC/UA Results: Mild increase in bronchovesicular sounds bilaterally.  
 Dry cough elicited with tracheal palpation. No heart murmur ausculted.

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE THORAX**

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

**BREED**

Chihuahua

**RADIOGRAPHIC FINDINGS**

Mild shoulder osteoarthritis is noted.

**SEX**

Spayed Female

The degree of pulmonary inflation is poor. Far cranial excursion of the diaphragm is seen as well as flattening of the lumbodiaphragmatic angles. The poor pulmonary inflation correlates with a moderate overall increase in interstitial opacity which, however, on the better inflated orthogonal view appears to reduce to a mild generalized and moderate regional peribronchial infiltrate in the right caudal lung lobe.

**AGE**

13 Years

Severe collapse of the caudal cervical trachea is seen as well as mild collapse of the intrathoracic pre-carinal trachea.

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

There is no evidence of cardiomegaly. The vertebral heart score is 10.3.

Moderate generalized enlargement of the liver with slightly rounded lobar margins is noted.

There is moderate gastrointestinal aerophagia.

**HOSPITAL NAME**

Q Street Animal  
 Hospital

**RADIOGRAPHIC DIAGNOSIS**

- Severe cervical and mild intrathoracic tracheal collapse.
- Poor pulmonary inflation due to upper airway restriction.
- Mild to moderate peribronchial interstitial lung pattern.
- Moderate hepatomegaly.

**REFERRING VET**

Phoebe Cone

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The main finding still appears to be the significant tracheal collapse involving both the cervical as well as the intrathoracic segments. No significant cardiac changes are noted. There is, however, a mild active lower airway pattern which indicates lower airway inflammation/infection. Consider either eosinophilic/irritant bronchopneumopathy versus infectious bronchitis such as viral, bacterial, and less likely parasitic, or protozoal. Further definition by means of endoscopy with airway sampling would be ideal; however, a clinical trial of treatment for bronchitis could be considered as an alternative.

**INVOICE**

47726

**DATE**

10-7-21

Differential diagnosis for the hepatomegaly includes metabolic/endocrine hepatopathy. Diffuse inflammation or infiltrative disease are thought less likely. Correlate with the laboratory values.



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**REFERRING VET**

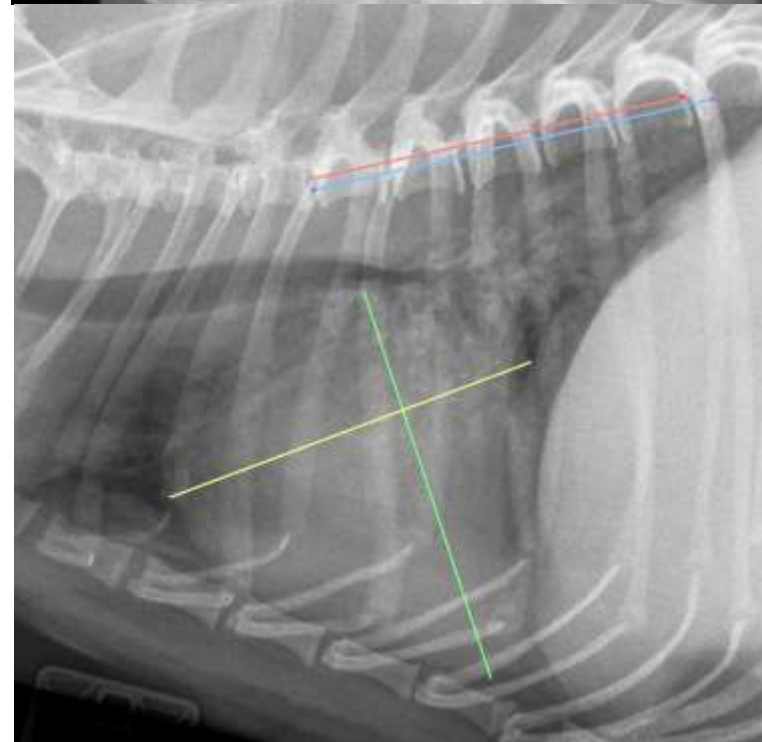
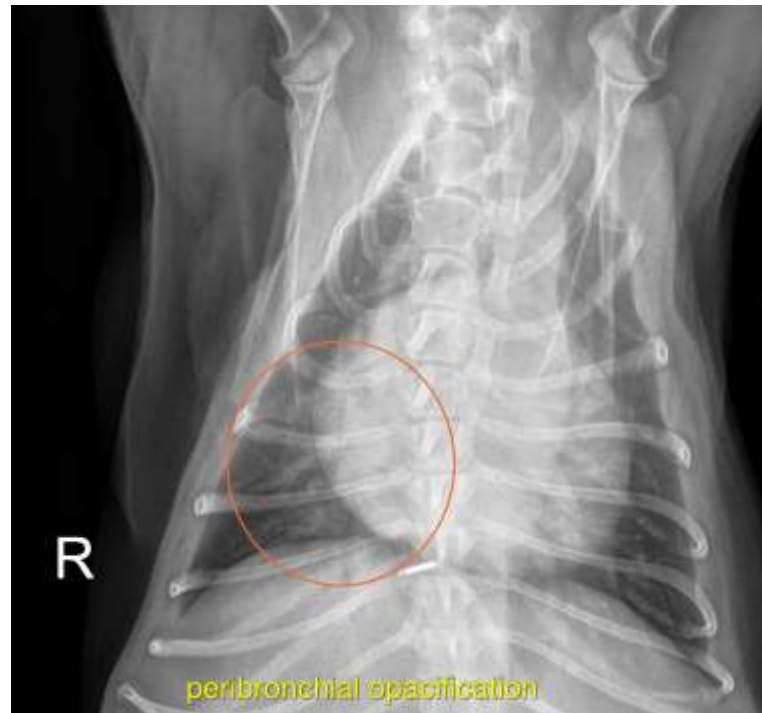
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**SPECIES**

Canine

**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

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