



**PATIENT PRESENTING CLINICAL SIGNS**

Jersey Bicknell History: Sudden onset of coughing  
Abnormal PE/Chem/CBC/UA Results: Bloodwork unremarkable

**SPECIES RADIOGRAPHIC STUDY OF THE THORAX**

Canine The body condition score is 7/9 with smooth alternating layers of fat and soft tissue opacity.  
The bony structures appear physiological.

**BREED**

Yorkshire Terrier The lungs are in contact with the thoracic boundaries and the tips are pointed. The lobar vessels are clearly visible to the tertiary branches. The bronchial tree is thin walled and tapers uniformly towards the periphery.

**SEX**

Spayed Female The cranial mediastinum is of physiological size and opacity. The tracheal air shadow varies between 1.1 cm caudal to the larynx and 0.5cm in the thoracic inlet. The trachea diverges from the thoracic vertebrae and the carina is located at T5.

**AGE**

15 Months The cardiac silhouette occupies 75% of the chest height and 3 intercostal spaces (VHS 10). No chamber or outflow tract enlargement is evident.

**RADIOGRAPHIC DIAGNOSIS**

- Tracheal collapse

**INTERPRETED BY**

Heike Rudorf, DVM,  
Dr. med. Vet.,  
DipECVDI DVR

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Tracheal collapse alone can be due to a weakened dorsal tracheal ligament. Tracheal in combination with bronchial collapse is usually caused by chondromalacia and is thus due to an altered cartilage development which may go unnoticed until physical circumstances (such as stress, running, excitement) or disease (e.g. pneumonia, bronchitis, L cardiac enlargement) reduces the ease of airflow. Echocardiography to assess mitral valve as well as L atrial size and bronchoscopy to obtain a BAL is recommended. Should an underlying disease be present treatment may improve the clinical signs. However, at only 15 months of age, this only appears to be justified if the patient does not respond to medical treatment adequately.

**HOSPITAL NAME**

St. Catharines AH

**REFERRING VET**

Dr. Masoud

**INVOICE**

15979

**DATE**

6/9/22





**PATIENT**

Jersey Bicknell

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

**SPECIES**

Canine

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.

**Heike Rudolf**, DVM, Dr. med. vet., DipECVDI, DVR  
dr.h.rudorf@gmail.com

**BREED**

Yorkshire Terrier

**SEX**

Spayed Female

**AGE**

15 Months

**INTERPRETED BY**

Heike Rudolf, DVM,  
Dr. med. Vet.,  
DipECVDI DVR

**HOSPITAL NAME**

St. Catharines AH

**REFERRING VET**

Dr. Masoud

**INVOICE**

15979

**DATE**

6/9/22