



PATIENT PRESENTING CLINICAL SIGNS

Rocket J Squirrel Swank

History: 5- 7 months history of gagging cough. Stable weight, able to sleep well. Exam reveals mild dental disease. HR 140 Grade 2/6 systolic murmur. No cough with tracheal palpation

Abnormal PE/Chem/CBC/UA Results: SDMA 16 ug/dL, Creatinine 1.4 mg/dL Urine test recommended, but owner has not scheduled

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX

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

BREED

Pomeranian

The degree of pulmonary expansion on the lateral views is fair at best. The lungs are in contact with the thoracic boundaries and the tips are pointed. The lobar vessels are clearly visible on the DV view.

SEX

Neutered Male

The cranial mediastinum is of physiological size and opacity. The trachea runs parallel to the thoracic vertebrae and is level with the carina. In left lateral recumbency only one main stem bronchus is evident which is rather narrow just caudal to the carina. The tracheal lumen varies in diameter and is reduced from dorsal and ventral level with rib one.

AGE

10 Years

The cardiac silhouette occupies 85% of the chest height and 3 intercostal spaces (VHS 11). The caudal heart border appears straight.

RADIOGRAPHIC DIAGNOSIS

- Suggestion of tracheal and bronchial collapse
- L cardiomegaly, mild

INTERPRETED BY

Heike Rudolf, DVM, Dr. med. Vet., DipECVDDI 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.

HOSPITAL NAME

Northshore VH

REFERRING VET

Brita Kiffney



INVOICE

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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.

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.

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