



PATIENT PRESENTING CLINICAL SIGNS

Molly Tuerffs History: Coughing

RADIOGRAPHIC FINDINGS

SPECIES

Canine

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

Rib 13 on the left is thicker than the one on the right. The disc space T13/L1 is reduced, and ventral spondylosis is present.

BREED

Poodle Toy

The bony structures appear physiological.

SEX

Spayed Female

The degree of pulmonary expansion is fair at best but the tertiary lung vessels are not evident on the DV view. On the lateral view the cranial lobar vessels have the same diameter as the proximal 1/3 of rib 4.

The trachea runs close to and parallel to the thoracic vertebrae and the carina is elevated. The tracheal air shadow is slightly reduced from dorsally in the region of the thoracic inlet.

AGE

12/29/06

The cardiac silhouette occupies 90% of the chest height and 3.5 intercostal spaces (VHS 12.25). Tenting of the left atrium (LA) is present and a moderate bulge is visible in the region of the left auricle. The caudal heart border appears straight.

INTERPRETED BY

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

RADIOGRAPHIC DIAGNOSIS

- Left sided cardiomegaly, moderate
- Hyperperfusion, mild
- Interstitial pattern
- Suggestion of tracheal collapse
- T13/L1 disc space reduction and spondylosis

HOSPITAL NAME

Cottage Grove VC

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Left sided cardiomegaly in the small breeds is usually due to endocardiosis of the mitral valve. The interstitial pattern is thus most likely the result of pulmonary edema due to left heart failure.

REFERRING VET

Dr. Damewood

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., L cardiac enlargement, pneumonia, bronchitis) reduces the ease of airflow. Echocardiography to assess mitral valve and L atrial size should be carried out. Should treatment for left heart failure not improve the clinical signs, tracheo-bronchoscopy is recommended to identify if tracheal and/or bronchial collapse is present and to obtain a BAL in case a bronchitis is coexisting.

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A neurological examination is recommended if clinical signs related to disc disease are present.



PATIENT

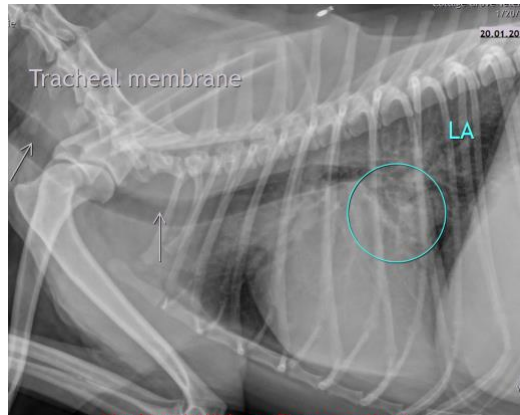
Molly Tuerffs

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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.

AGE

12/29/06

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

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