



PATIENT PRESENTING CLINICAL SIGNS

Sparkle Carr History: collapsed twice in the last 2 weeks in the house
 Abnormal PE/Chem/CBC/UA Results: ALT- mildly elevated, rest WNL, heart murmur 3/6

SPECIES RADIOGRAPHIC STUDY OF THE THORAX

Canine The body condition score is 5/9 with smooth alternating layers of fat and soft tissue opacity.
 The bony structures appear physiological.

BREED

Chihuahua Mix On both lateral views the degree of pulmonary expansion is fair at best. The lungs are in contact with the thoracic boundaries and the tips are pointed. The lobar vessels are only clearly outlined on the DV view, on the lateral views they are blurred, and peripheral bronchi are highlighted.

SEX

Spayed Female The cranial mediastinum is of physiological size and opacity. The trachea converges with the thoracic vertebrae and the carina is elevated and small. The lumen is of homogeneous size. Splitting of the main stem bronchi is evident.

AGE

10 Years The cardiac silhouette occupies 90% of the chest height and 4 intercostal spaces (VHS 13). The caudal heart border is straight and tenting of the left atrium is present. The caudal vena cava is slightly elevated. The diameter of the cranial lobar vessels is approx. 50% of that of the proximal third of the third rib.

RADIOGRAPHIC DIAGNOSIS

INTERPRETED BY

- L sided cardiomegaly, severe
- Interstitial pattern
- Hypovolemia (mild)

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

St. Catharine's AH Left sided heart enlargement in small dogs is usually due to mitral endocardiosis, which in turn leads to pulmonary edema. The blood vessels are small suggesting that the dog is already on diuretic treatment. Echocardiography is recommended to assess left atrial (LA) size. Tracheal collapse is not evident on these radiographs, but it may still be present due to the increased resistance of the narrow carina in inspiration.

REFERRING VET

Dr. Jui Gokhale Tracheal in combination with bronchial collapse is usually 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. Treating an underlying disease may improve the clinical signs.

INVOICE

20454

DATE

1/6/23



PATIENT

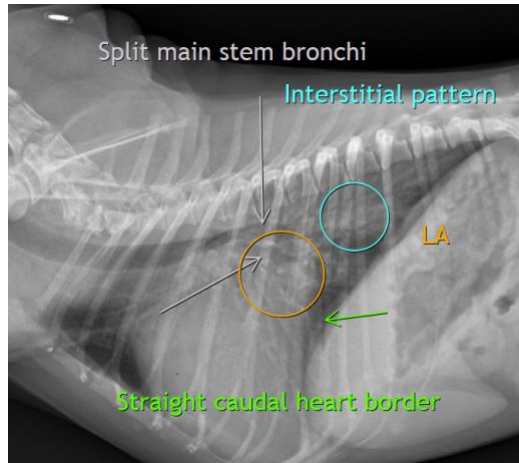
Sparkle Carr

SPECIES

Canine

BREED

Chihuahua Mix



SEX

Spayed Female

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

10 Years

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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INTERPRETED BY

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