



PATIENT PRESENTING CLINICAL SIGNS

Max Hebert History: coughing for 2 months, vomiting for a day, BCS 7/9
Abnormal PE/Chem/CBC/UA Results: severely distended abdomen severely elevated ALP

SPECIES RADIOGRAPHIC STUDY OF THE THORAX

Canine The body condition score appears to be 8/9.
The bony structures appear physiological.

BREED 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 visible to the tertiary branches. The bronchial tree is thin walled and tapers uniformly towards the periphery.

Shih Tzu

SEX The cranial mediastinum is of physiological size and opacity. The trachea runs parallel to the thoracic vertebrae and both main stem bronchi are visible.

Neutered Male

The cardiac silhouette occupies 85% of the chest height and 3 intercostal spaces. No obvious chamber or outflow tract enlargement is evident.

AGE The liver extends well beyond the costal arch and the ventral abdominal wall is pendulous.

6 Years

RADIOGRAPHIC DIAGNOSIS

- Tracheal collapse
- Hepatomegaly

INTERPRETED BY

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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

Tracheal collapse alone can be due to a weakened dorsal tracheal ligament. 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. pneumonia, bronchitis, L cardiac enlargement) reduces the ease of airflow. Echocardiography to assess mitral valve and left atrial size as well as bronchoscopy to obtain a BAL is recommended. Should an underlying disease be present treatment may improve the clinical signs. Due to obesity and hepatomegaly the resistance during inspiration is high and this may be causing or exacerbating the tracheal collapse. Cushing's disease should be ruled out. Tilting of the thorax can cause a faulty impression of tracheal collapse due to superimpositioning of the esophagus over the tracheal lumen.

HOSPITAL NAME

St. Catherine's AH

REFERRING VET

Dr. Jui Gokhale

INVOICE

21068

DATE

2/10/23





PATIENT

Max Hebert

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
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BREED

Shih Tzu

SEX

Neutered Male

AGE

6 Years

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