



PATIENT PRESENTING CLINICAL SIGNS

Bonnie Merchant Increased panting of 1 month, coughing when standing up. Currently on pimobendan 5 mg twice daily
 Abnormal PE/Chem/CBC/UA Results: HR- 90 Respiratory Sinus Arrhythmia Grad 3/6 LAS murmur
 Respiratory rate- 60

SPECIES RADIOGRAPHIC STUDY OF THE THORAX

CA Radiographs of the thorax in three imaging planes are provided for review.

RADIOGRAPHIC FINDINGS

BREED Multifocal mild spondylosis formation is noted along the ventral aspect of the thoracic spine. The costal cartilages and sternum present mild degenerative changes.
 Beagle

The extrathoracic soft tissues present homogeneous without abnormalities.

SEX The caudal contour of the cardiac silhouette is steep and the caudal cardiac waist is lost. The vertebral heart score is The pulmonary vasculature is within normal limits.

FS The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

AGE A soft tissue membrane is bulging ventral into the lumen of the cervical segment of the trachea.

11 During maximum expiration, collapse of the mainstem bronchi is noted.

INTERPRETED BY The lung parenchyma presents a generalized unstructured reticular pattern; the intrapulmonary vascular branching is seen up to the third order lung vessels.

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

HOSPITAL NAME RADIOGRAPHIC DIAGNOSIS

Torch Lake
 Veterinary Clinic

- Mild left sided cardiomegaly without signs of decompensation
- Bronchial collapse
- Mild to moderate unstructured interstitial lung pattern
- Redundant tracheal membrane
- Degenerative changes costal cartilages & sternum
- Spondylosis deformans

REFERRING VET

Adrienne Waffle

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE The left sided cardiomegaly is suggestive for underlying mitral valve insufficiency. A cardiac echo can be used for further evaluation of cardiac chamber size and function.

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The unstructured interstitial lung pattern is likely a sequela to the nutritional status and age related changes of the lung parenchyma. The odds for 'real' interstitial lung pattern are considered low and would be not specific, potentials can include fibrosis, pneumonitis (inflammatory versus infectious), systemic disease (e.g. pancreatitis, IMHA, renal disease), neoplasia.

DATE

4-13-23

Clinical signs might be deteriorated by lower airway collapse. If clinical signs are refractory to empirical



PATIENT management, bronchoscopy including BAL can be used as advanced diagnostic tool.

Bonnie Merchant The redundant tracheal membrane is commonly an incidental finding but might be a precursor for tracheal collapse – at this point I would consider the redundant tracheal membrane as an incidental finding.

SPECIES

CA

BREED

Beagle

SEX

FS

AGE

11

INTERPRETED BY

Sebastian Schaub, DVM
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HOSPITAL NAME

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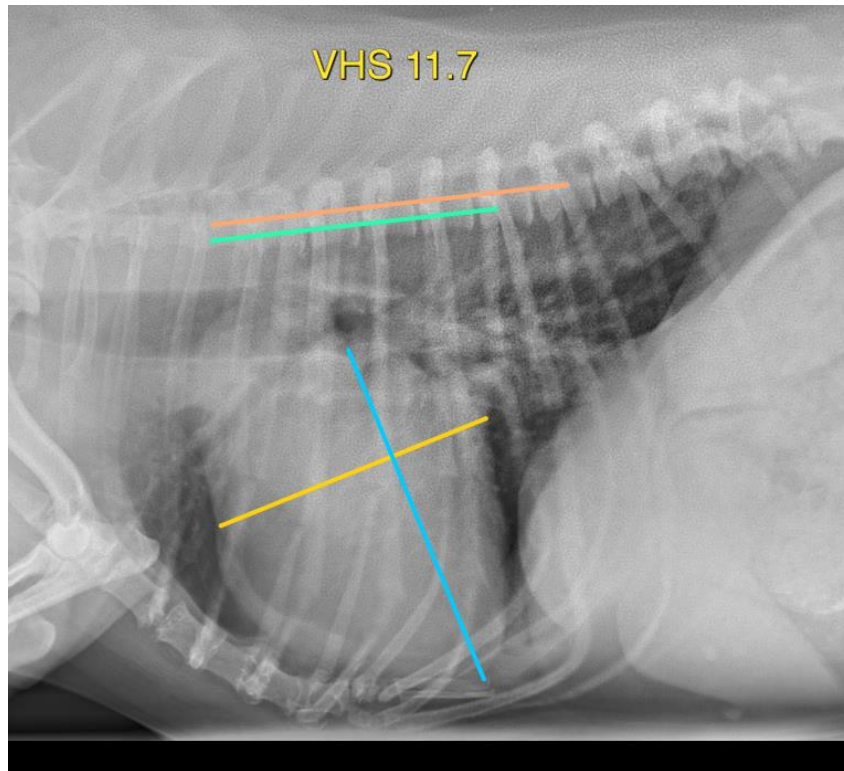
Adrienne Waffle

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PATIENT

Bonnie Merchant

SPECIES

CA

BREED

Beagle

SEX

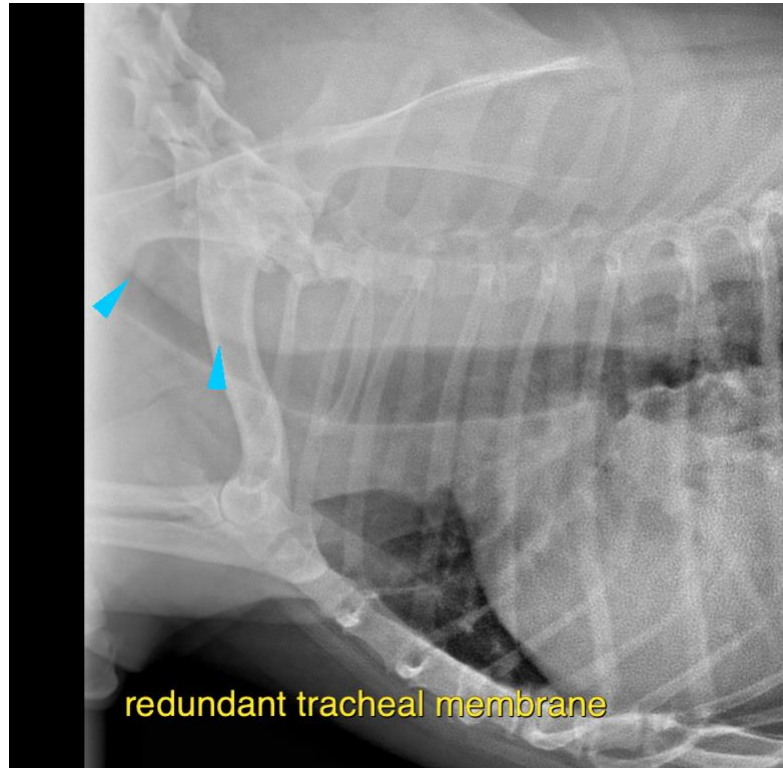
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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