



PATIENT PRESENTING CLINICAL SIGNS

Lotlot Dealday Chronic coughing

RADIOGRAPHIC STUDY OF THE THORAX

SPECIES A right lateral projection of the thorax is provided for review.

Canine **RADIOGRAPHIC FINDINGS**

The body condition score is 7/9.

BREED The surrounding bony structures are within normal limits.

Shih Tzu Mix 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 left principal bronchus is mildly deviated dorsally. The pulmonary vasculature is within normal limits.

Male Neutered 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 Significant dorsoventral flattening of the intrathoracic segment of the trachea is noted, presenting a mild undulating luminal lining. The main-stem bronchi are dorsoventrally flattened.

10 Years The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

INTERPRETED BY The lung field is extending up to the level of the caudal vertebral endplate T10 – expiration. The lung parenchyma presents a generalized moderate 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

New Bridge
Veterinary Practice

- Tracheal & bronchial collapse
- Obesity
- Suspect left sided cardiomegaly
- Generalized unstructured interstitial lung pattern – considered as a sequela to expiration

REFERRING VET

Dr. Abina Glennon

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appreciated lower airway collapse is a plausible source for the coughing. The appreciated unstructured interstitial pattern is considered as a sequela to expiration and is considered artefactual. However, inflammatory non-infectious lower airway disease is common in case of airway collapse – such as lymphocytic plasmocytic, eosinophilic. Tracheoscopy can be used for further grading of the tracheal collapse and can be complemented by BAL to confirm accompanying inflammatory lower airway disease.

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DATE

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The left sided cardiomegaly is suggestive for mitral valve disease – if a cardiac murmur is present. If no heart murmur is appreciated, the odds for underlying cardiac disease are low.



PATIENT

Lotlot Dealday

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

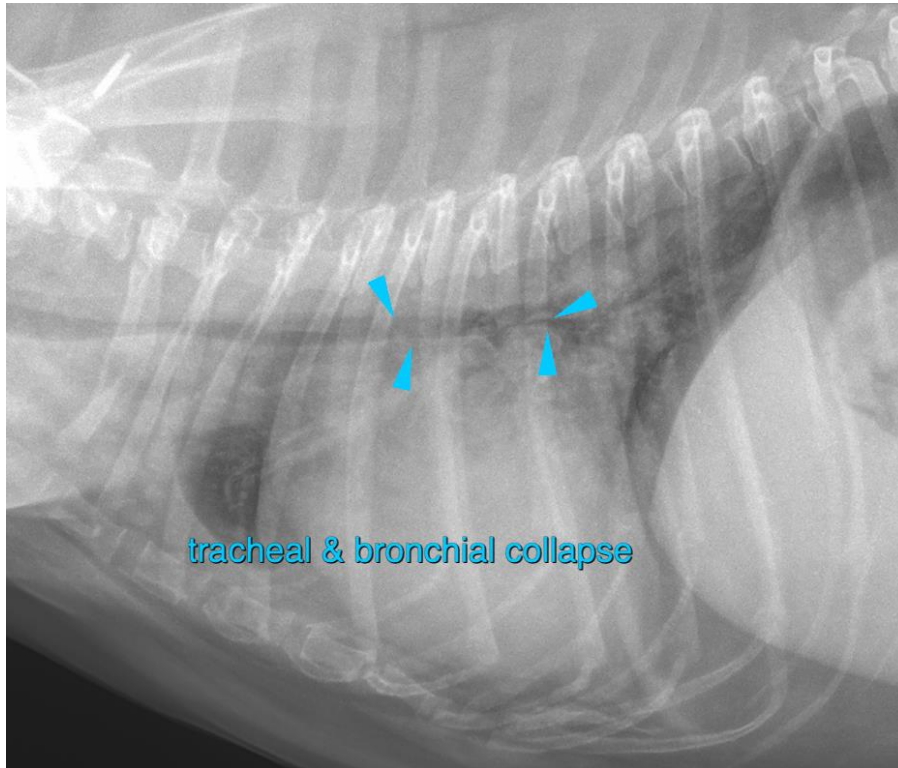
Male Neutered

AGE

10 Years

INTERPRETED BY

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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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