



PATIENT

Jarvis Farlow/Caverly

PRESENTING CLINICAL SIGNS

Decreased appetite for the past week Restless unable to settle Initially became PU/PD but has improved Evidence of gastritis and enlarged lymph nodes within the mesentery on u/s (done by Sonopath)

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX

Right/left lateral and ventrodorsal views of the thorax totaling 4 images available for review.

BREED

English Bulldog

RADIOGRAPHIC FINDINGS

Multiple congenital vertebral malformations are seen within the mid thoracic spine with moderate kyphosis between T7 – T10. Bridging spondyloses are seen within the caudal thoracic spine.

SEX

MN

The degree of pulmonary inflation is moderate. Wide lumbodiaphragmatic angles in combination with far cranial excursion of the diaphragm and expanded ribcage are seen which indicates restriction of the upper airways.

AGE

8 Years

The tracheal lumen is narrow, but the tracheal index is within the breed specific reference range with 14.

The lung presents a moderate generalized bronchial lung pattern with mild peribronchial cuffing.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Height and width of the cardiac silhouette are considered within normal limits. No specific chamber enlargement is seen. There is no evidence of a vascular lung pattern.

No mediastinal mass effect is noted.

HOSPITAL NAME

Wellington Animal
Hospital

RADIOGRAPHIC DIAGNOSIS

- Breed specific tracheal hypoplasia
- Suspect chronic restriction of the upper airways such as brachycephalic upper airway stenosis.
- Generalized bronchial lung pattern.

REFERRING VET

Dr. Liz Dennis

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study reveals a moderate bronchial lung pattern which is likely to be enhanced by the relatively fair degree of pulmonary inflation. Chronic irritant bronchitis is common in brachycephalic dogs however eosinophilic bronchopneumopathy and infectious bronchitis including viral, bacterial, and parasitic are potential differential diagnoses. Presence of chronic upper airway restriction due to tracheal hypoplasia and potentially also complex brachycephalic upper airway stenosis should be considered a given.

INVOICE

55320

DATE

11-22-22



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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.

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.

BREED

English Bulldog

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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