

**PATIENT**

Mabel Macri

**PRESENTING CLINICAL SIGNS**

Wheezing, congestion

**RADIOGRAPHIC STUDY OF THE THORAX**

Single right lateral view available for review.

**SPECIES**

Canine

**RADIOGRAPHIC FINDINGS**

The patient is a brachycephalic dog.

**BREED**

English Bulldog

Multiple mid thoracic and caudal thoracic congenital vertebral malformation with mild spinal kyphosis is seen. There are multiple mild to moderate spondyloses. These changes are considered unrelated to the reason of clinical presentation and common in this type of breed.

**SEX**

Female/sp

Both elbows present moderate osteoarthritic changes.

The chest is funnel shaped.

The degree of pulmonary inflation is moderate. A mild generalized interstitial pattern is noted with even distribution throughout the lung.

**AGE**

11 Years

No radiographic evidence of cardiovascular pathology is seen.

**INTERPRETED BY**Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The lumen of the trachea is narrow in general. Tracheal index is 12.5 which is within the reference range for the breed; however, technically represents tracheal hypoplasia compared with non-brachycephalic dogs and other brachycephalic breeds.

There is moderate gastric aerophagia in a post-prandial stomach.

**HOSPITAL NAME**New Bridge  
Veterinary Practice**RADIOGRAPHIC DIAGNOSIS**

- Normal age related lung and bronchial tree.
- No radiographic evidence of cardiovascular pathology.
- Breed related tracheal hypoplasia.
- Aerophagia - most likely due to respiratory distress.

**REFERRING VET**

Dr. Abina Glennon

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No significant structural pulmonary or bronchial pathology is identified radiographically other than mild interstitial and bronchial wall enhancement which is considered within age related normal limits.

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The radiographic presentation of the cardiac silhouette is within normal limits.

The dog suffers from tracheal hypoplasia; however, the width of the trachea is within the reference range for the breed.

**DATE**

1-3-22

Based on the mostly negative radiographic findings of the thorax, upper respiratory tract pathology such as brachycephalic airway stenosis or other are considered likely as the underlying cause of the clinical signs.



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The information and recommendations provided are based on the images presented by the referring veterinarian. 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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