



**PATIENT PRESENTING CLINICAL SIGNS**

**Muffie Holmes** History: Patient presented with a moist hacking cough starting early this morning. Eating, acting and drinking normally.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: History of IBD- on 0.5mg prednisone EOD long term Chronic grade 2 heart murmur- stable today Lung sounds harsh, pulse ox normal at 93%, "bullfrog" appearance to neck region when breathing. The cough is moist and persistent and occurs more when handled.

Canine

**BREED RADIOGRAPHIC STUDY OF THE THORAX**

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

**RADIOGRAPHIC FINDINGS**

**SEX**

Spayed Female The surrounding bony structures are within normal limits.

Two soft tissue opaque nodules are superimposed on the subcutaneous tissue dorsal to the caudal cervical spine.

**AGE**

10 Years 9 Months The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

**INTERPRETED BY**

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.

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

The esophagus is generalized moderately dilated by gas – accentuating the dorsal and ventral esophageal wall.

**HOSPITAL NAME**

The cervical tracheal segment is incompletely appreciated. The height of the intrathoracic segment of the trachea is moderately decreased.

Gentle Doctor AH

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected. The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

**REFERRING VET**

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

**INVOICE RADIOGRAPHIC DIAGNOSIS**

- 14466
- Megaesophagus
  - Suspect tracheal collapse
  - Non-specific (sub)cutaneous nodules caudodorsal aspect of the neck

**DATE**

3/30/22



**PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**Muffie Holmes** The main finding is the megaesophagus, but the radiographic study fails to present an underlying cause. Differentials include idiopathic, esophagitis, hypothyroidism, myasthenia gravis, hypoadrenocorticism or paraneoplastic (no evidence of intrathoracic neoplasia). Check if there is a history of dysphagia/regurgitation.

**SPECIES**

**Canine** Is suspect that the trachea is partially opacified by the dilated esophagus, however accompanying tracheal collapse is a potential and might be exacerbated by the mass effect of the dilated esophagus on the trachea.

**BREED**

**Maltese** At this point there is no evidence of pneumonia – but radiographic changes lack behind clinical signs. If not done so yet, recommend complete blood work to screen for inflammatory changes and rule out hypothyroidism.

**SEX**

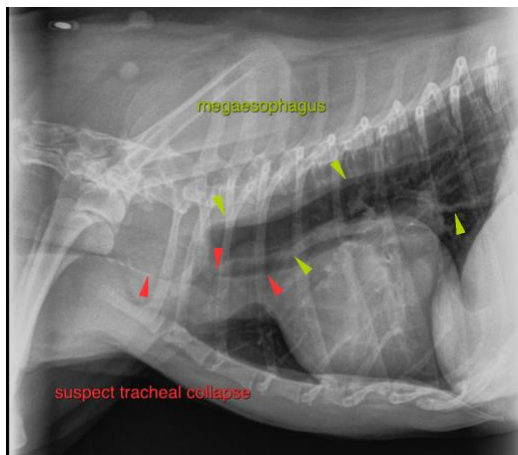
**Spayed Female**

**AGE**

**10 Years 9 Months**

**INTERPRETED BY**

**Sebastian Schaub, DVM Dr. med. vet. DipECVDI**



**HOSPITAL NAME**

**Gentle Doctor AH**

**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.**

**REFERRING VET**

**Dr. Sarah Rotthaus**

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.

**Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI**  
sebast.schaub@gmail.com

**INVOICE**

14466

**DATE**

3/30/22



**PATIENT**

Muffie Holmes

**SPECIES**

Canine

**BREED**

Maltese

**SEX**

Spayed Female

**AGE**

10 Years 9 Months

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

**HOSPITAL NAME**

Gentle Doctor AH

**REFERRING VET**

Dr. Sarah Rotthaus

**INVOICE**

14466

**DATE**

3/30/22