



**PATIENT**

Maddie Bowerman

**PRESENTING CLINICAL SIGNS**

Several weeks not eating, not right, lethargy. Lung changes on xray. Very high white blood cell count, anemia unknown origin. Heart murmur-inconsistently heard?endocardiosis/itis?mediastinal abnormality on chest xray

**SPECIES**

Canine

**COMPUTED TOMOGRAPHY OF THE NECK & THORAX**

A pre- and post-contrast CT study of the thorax in a bone, lung and soft tissue reconstruction is provided for review.

**BREED**

Cavalier King Charles Spaniel

**COMPUTED TOMOGRAPHIC FINDINGS**

The body condition score is 8/9.

Rudimentary ribs are attached to the transverse processes of C7. Multifocal mild spondylosis formation is seen along the thoracic spine.

**SEX**

Female Spayed

The cervical tracheal segment is dorsoventrally flattened.

The remainder of the osseous and soft tissue structures of the neck are within normal limits.

The periarticular bones of the shoulder joints bilaterally present mild osteophyte new bone formation.

**AGE**

8 Years

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

**HOSPITAL NAME**

Adelaide Plains Veterinary Surgery

Accentuated in the caudodorsal aspects of the lung lobes, present peripheral confluent zones of pulmonary consolidation are visible - the volume of the respective regions is moderately decreased.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

**REFERRING VET**

John Katakasi

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Peripheral zones of pulmonary consolidation, most pronounced caudodorsal dependent aspects of the lung with decreased pulmonary volume
- Mild tracheal collapse cervical tracheal segment
- Mild degenerative osteoarthritis shoulder joints
- Spondylosis deformans

**INVOICE**

56989

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

2-27-23

The appreciated pulmonary changes are most consistent with dystelectasis of the lung parenchyma secondary to positioning and general anesthesia. Given the peripheral distribution,



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parasitic pneumonia (e.g. Angiostrongylus) or hematogenous pneumonia can be differentials, but the odds are low.

No mediastinal pathologies are appreciated.

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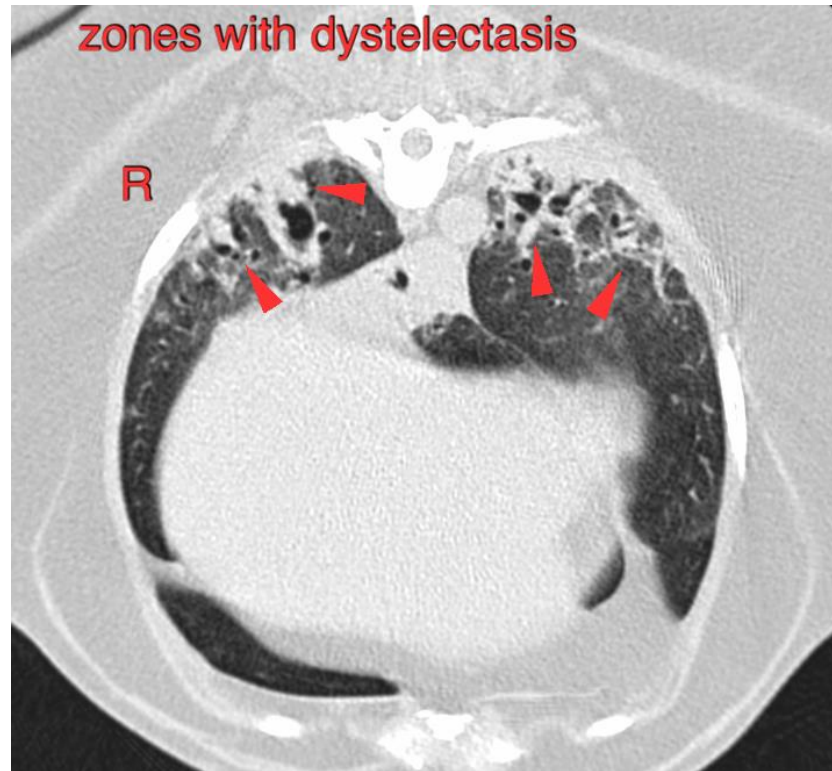
Female Spayed

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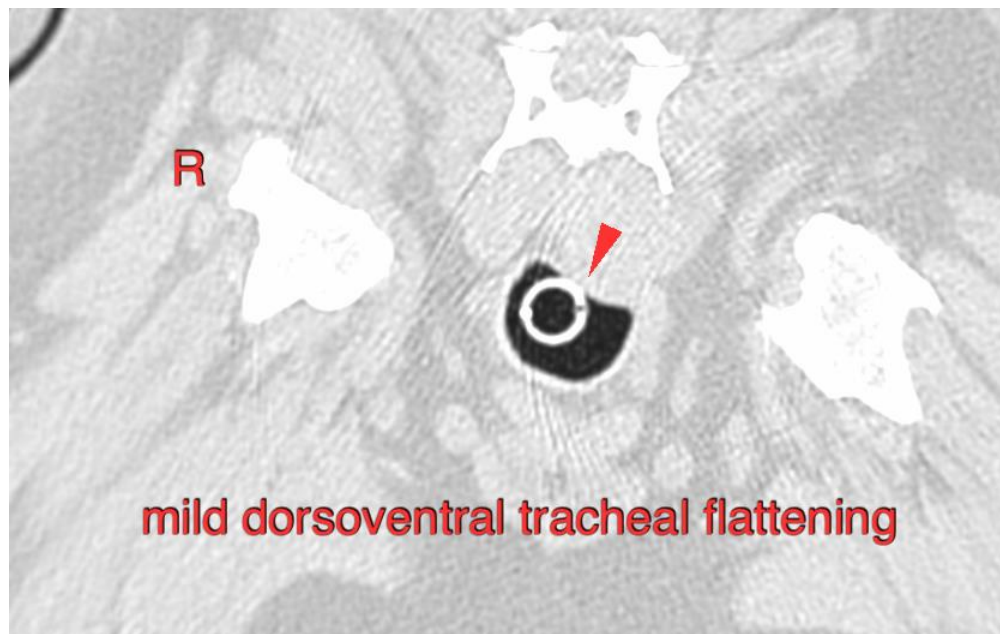
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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