



**PATIENT PRESENTING CLINICAL SIGNS**

**Bodhi Rotbart**  
**SPECIES** Canine  
 The thoracic radiographs are concerning for primary lung disease including aspiration pneumonia. Abnormal PE/Chem/CBC/UA Results: Cardiology report 01/11/22- chronic valvular disease (CVD) stage B1. This patient has evidence of mild mitral regurgitation with no evidence of enlargement of the left atrium or left ventricle. There is no significant increased risk for heart failure and no cardiac medications are indicated. The CVD is expected to progress over time and regular monitoring of heart size is recommended.

**COMPUTED TOMOGRAPHY OF THE THORAX**

**BREED** Australian Shepherd  
 A high resolution pre- and post-contrast CT study of the thorax is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX** Male  
 The body condition score is 8/9.  
 The bony and surrounding soft tissue structures are within normal limits.  
**AGE** 6 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. The mediastinum is moderately distended by fat.  
 The cardiovascular structures including the pulmonary vasculature are within normal limits.

**INTERPRETED BY**

Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI

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.  
 The volume of the right middle lung lobe is significantly decreased and in the proximal aspect of the right middle lung lobe, two well-defined, gas attenuating ovoid shaped lesions, demarcated by a thin soft tissue attenuating capsule are visible. The remainder of the lung parenchyma present the expected architecture and attenuation behavior.

**HOSPITAL NAME**

Mobile Pet Imaging

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

**REFERRING VET**

Kesseru

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Bullae right middle lung lobe and significantly decreased volume of the right middle lung lobe
- Obesity

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The main findings are the bullae of the right middle lung lobe that might be acquired or in combination with the decreased volume of the right middle lung lobe can present congenital pulmonary malformation (formerly known as congenital adenomatoid pulmonary malformation). The clinical relevance is questionable, but there might be an increased risk for spontaneous pneumothorax.

**DATE**

3-8-22

No additional abnormalities, but the obesity, are appreciated.



**PATIENT**

Bodhi Rotbart

**SPECIES**

Canine

**BREED**

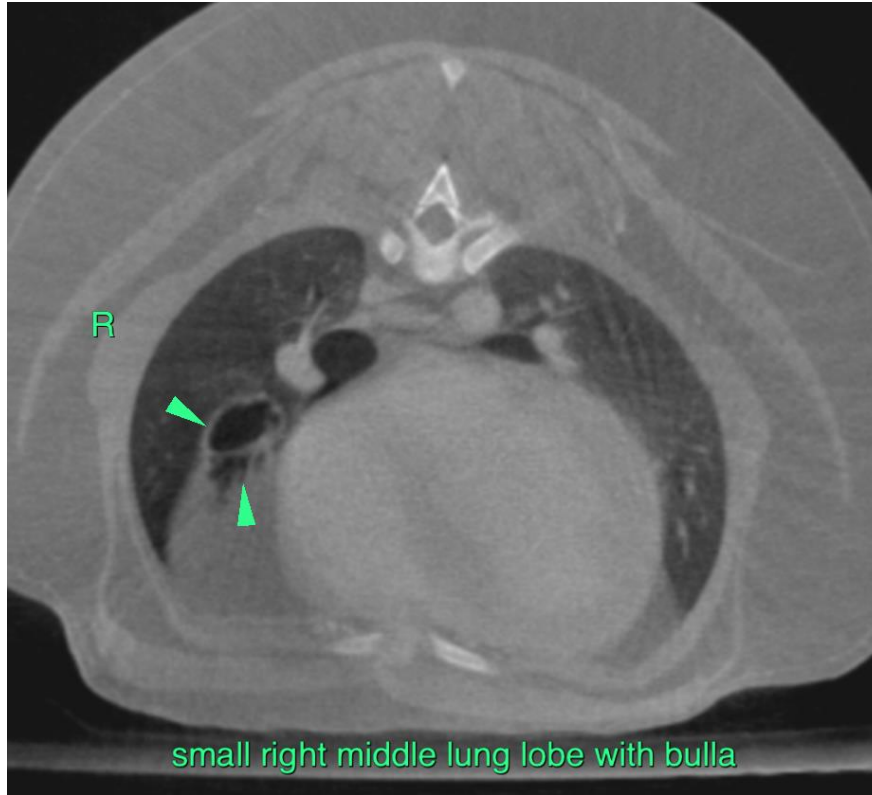
Australian Shepherd

**SEX**

Male

**AGE**

6 Years



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**REFERRING VET**

Kesseru

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. DipECVCI  
sebast.schaub@gmail.com

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