



**PATIENT**

Cleopatra Galvez

**PRESENTING CLINICAL SIGNS**

Pulmonary mass

**SPECIES**

Canine

**COMPUTED TOMOGRAPHY OF THE THORAX**

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

**BREED**

Maltese

**COMPUTED TOMOGRAPHIC FINDINGS**

Both shoulder joints present moderate osteophyte new bone formation, R>L.

**SEX**

Female Spayed

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 cardiovascular structures including the pulmonary vasculature are within normal limits.

**AGE**

12

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.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

In the right caudal lung lobe, level with the 6<sup>th</sup>/7<sup>th</sup> right intercostal space, a well-defined, roundish, uniform soft tissue attenuating and mild contrast enhancing mass, measuring 2.3 x 1.9 x 2.3 cm in size is visible. The accompanying bronchi are distorted. The remainder of the lung parenchyma are aerated and present the expected architecture.

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

**HOSPITAL NAME**

Mobile Pet Imaging

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Solitary pulmonary mass right caudal lung lobe
- Degenerative osteoarthritis shoulder joints bilaterally
- No evidence of pulmonary metastatic spread

**REFERRING VET**

Meaux

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

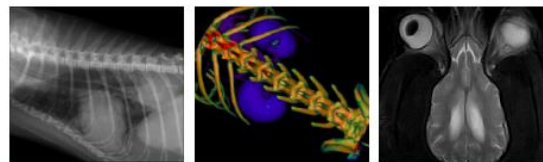
The pulmonary mass is concerning for primary pulmonary neoplasia, such as bronchogenic carcinoma, broncho-alveolar carcinoma. Pulmonary granuloma – e.g. parasitic, eosinophilic – is a consideration but considered less likely. Ultrasound guided FNA sampling of the mass by the 6<sup>th</sup> right intercostal space can be performed as advanced diagnostic test. Complete surgical excision by lobectomy appears feasible.

**INVOICE**

50483

**DATE**

2-22-22



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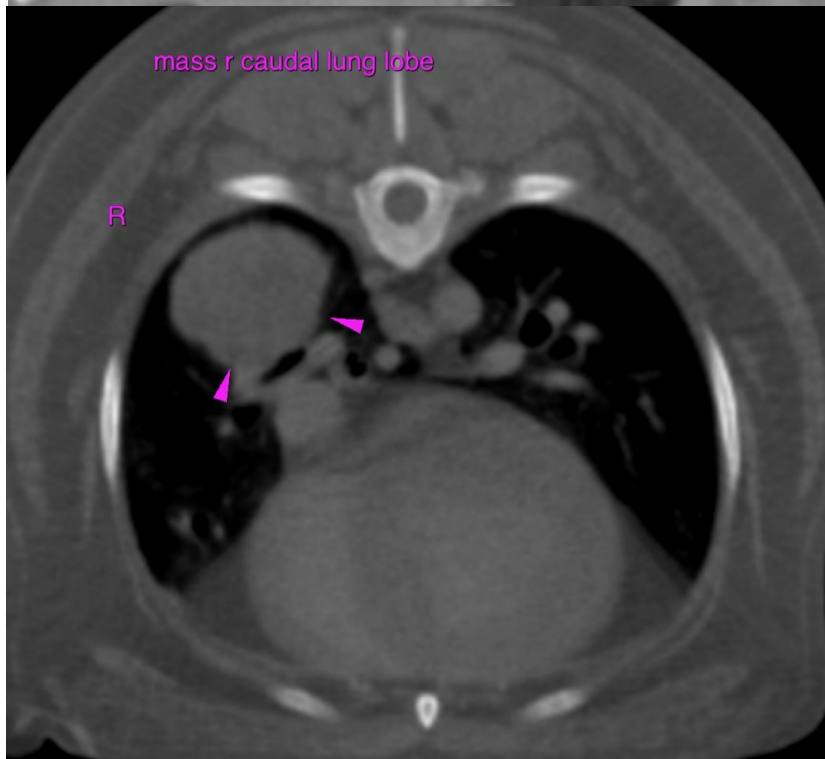
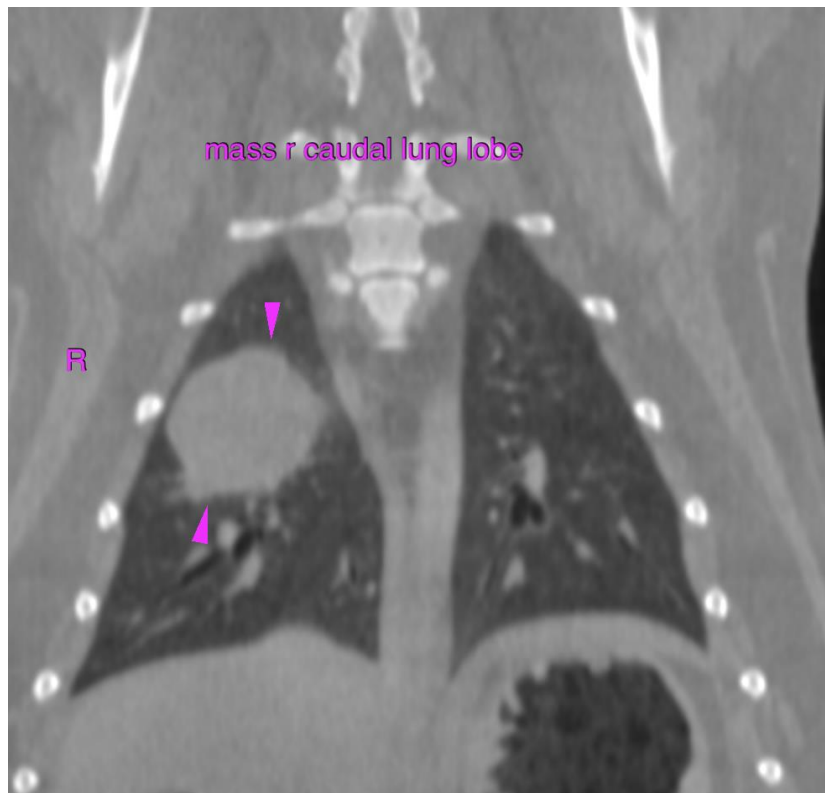
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**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**

Maltese

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

Female Spayed

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