



**PATIENT**

Winnie Posthumus

**PRESENTING CLINICAL SIGNS**

Hx laboured breathing, gagging/coughing, exercise intolerance. Worsened with prednisone and no improvement on antibiotics. Getting BAL and bronchoscopy done today in hospital.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHY OF THE SKULL & THORAX**

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

**BREED**

Golden Retriever

**COMPUTED TOMOGRAPHIC FINDINGS**

Skull

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

**SEX**

FS

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**AGE**

2 Years

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

**HOSPITAL NAME**

Animal Health  
Partners

Thorax

The bony and surrounding soft tissue structures are within normal limits.

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.

**REFERRING VET**

Dr. Shannon  
Westgarth

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.

**INVOICE**

53656

The lung parenchyma presents the expected architecture and attenuation behavior.

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

**DATE**

8-23-22

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Normal skull
- Normal thorax



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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study of the skull and thorax present without macromorphological abnormalities, the airways are patent, and no abnormal thickening of the mucosal lining is seen throughout nor signs of pneumonitis. Bronchoscopy including BAL has already been performed for further definition, consider ruling out lung worm infection as well.





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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**

Golden Retriever

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

FS

**AGE**

2 Years

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