



**PATIENT**

Mila Hirschhorn

**PRESENTING CLINICAL SIGNS**

small mass in left ear canal

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX**

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

**BREED**

Cockapoo

**COMPUTED TOMOGRAPHIC FINDINGS**

**Head**

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

**SEX**

Female

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

**AGE**

10

A soft tissue mass is not seen within the external auditory meatuses however both external auditory meatuses present moderate thickening of their epithelial lining with superficial epithelial proliferations and increased contrast enhancement. The tympanic membranes are intact. Hair and hypoattenuating material can be seen within the lumen of the external auditory meatuses.

**INTERPRETED BY**

Nele Eley, 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 Surgical  
Center

The salivary glands present within normal limits.

**Thorax**

Motion blur artifact is noted.

**REFERRING VET**

Animal Hospital of  
Roslyn

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 are uniform and considered within normal limits.

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

**INVOICE**

55057

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 lung parenchyma presents the expected architecture and attenuation behavior.

**DATE**

11-8-22

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



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**DATE**

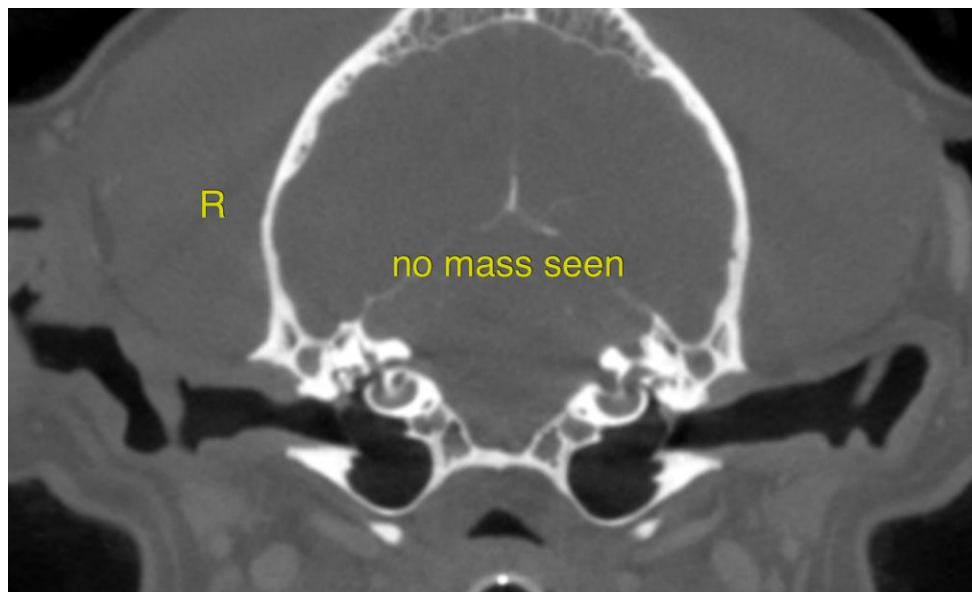
11-8-22

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- No mass detectable within the auditory meatuses.
- Chronic bilateral otitis externa.
- Normal age related findings of the thorax.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

A soft tissue mass cannot be identified within the external auditory meatuses. A small mass that blends into the proliferative changes of the epithelium of the auditory meatus cannot be ruled out and correlation with the otoscopic findings as well as tissue sampling are recommended for further definition. The epithelial proliferation within both external auditory meatuses is likely a consequence of chronic otitis externa.



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.

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