



**PATIENT PRESENTING CLINICAL SIGNS**

Cupcake Sangria Right sided facial paralysis, Absent Menace OD, Right sided facial swelling, Otitis AD

**COMPUTED TOMOGRAPHY OF THE SKULL & THORAX**

**SPECIES** A high resolution pre- and post-contrast CT study of the skull and a post-contrast CT study of the thorax are provided for review.

Canine

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED** Skull

Cockapoo

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

FS

Both external ear canals present a significant irregular thickening of the wall and a moderate amount of fluid attenuating material is appreciated in the lumen. The right tympanic bulla is filled with fluid attenuating material, the osseous lining is moderately thickened and mildly irregular.

**AGE**

12 Years

In the subcutaneous tissue at the caudal aspect of the base of the right pinna, a well-defined, ovoid shaped, uniform soft tissue attenuating lesion measuring up to 1.8 cm in size is appreciated.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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.

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.

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Thorax

In the subcutaneous tissue at the lateral aspect of the right scapula, a well-defined, uniform fat attenuating mass is appreciated, measuring 8-2 x 6.2 x 9.9 cm in size. In the subcutaneous tissue at the craniodorsal aspect of the right scapular, a well-defined ovoid shaped soft tissue nodule is seen, measuring 1.6 cm in size.

**REFERRING VET**

Borecky

Multifocal mild spondylosis formation is seen along the thoracic spine.

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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.

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8-11-22

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.



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

Cupcake Sangria

### COMPUTED TOMOGRAPHIC DIAGNOSIS

#### SPECIES

Canine

- Bilateral chronic otitis externa, R>>L
- Right sided chronic otitis externa
- Non-specific subcutaneous nodule caudal aspect base of right pinna and craniodorsal aspect of the right scapula
- Large lipoma right lateral thoracic wall
- Spondylosis deformans

#### BREED

Cockapoo

### INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

#### SEX

FS

The CT study is consistent with bilateral chronic otitis externa, R>L, and secondary right sided chronic otitis media. The latter would be a plausible explanation for the right sided facial nerve palsy. There are no specific signs for neoplastic transformation of the external ear canals. Total ear canal ablation with lateral bulla osteotomy might be considered as a surgical treatment option.

Recommend FNA sampling of the subcutaneous nodules for further evaluation.

#### AGE

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**SPECIES**

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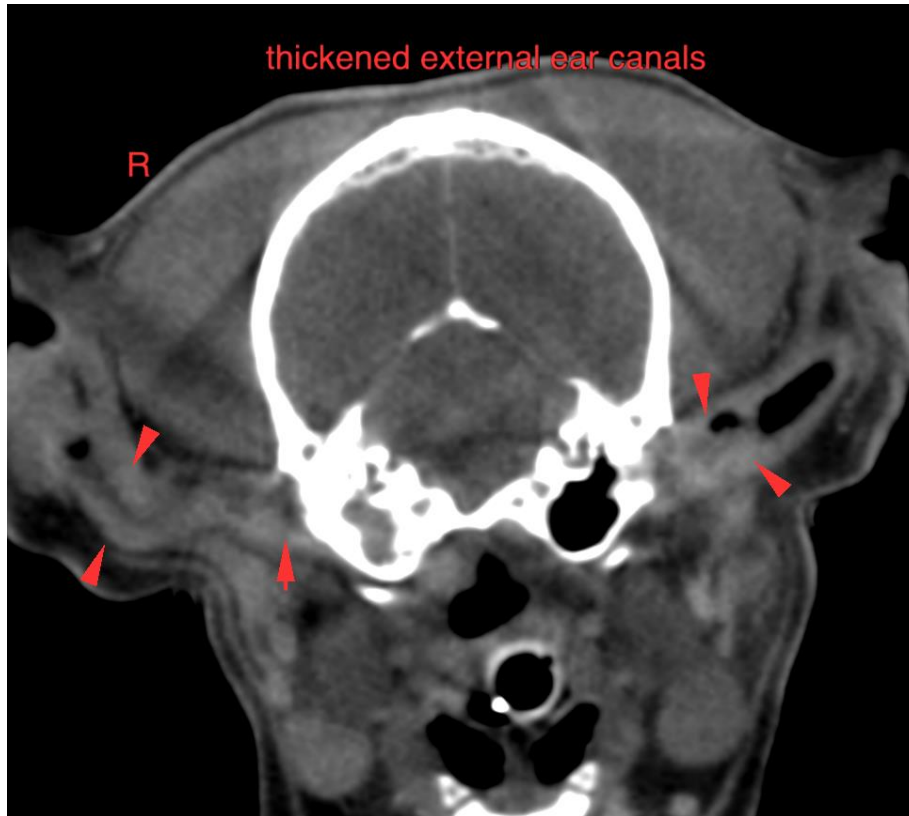
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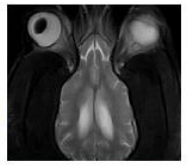
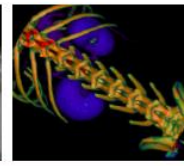
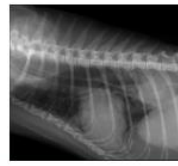
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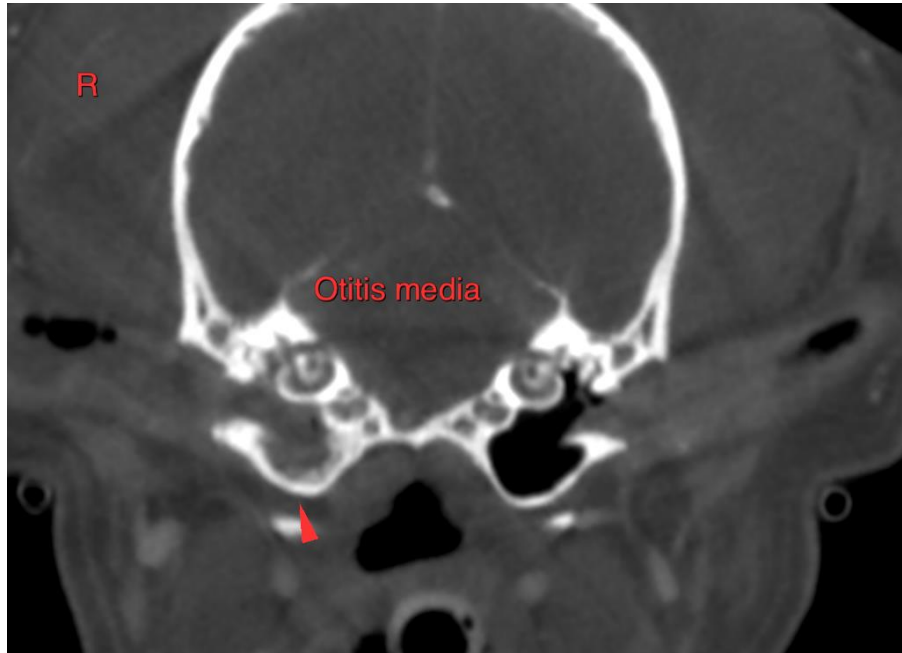
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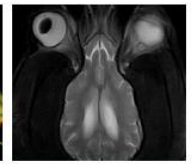
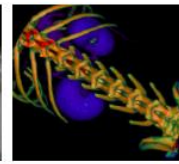
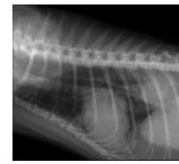
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

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