



## PATIENT

Luna Conway

## SPECIES

Canine

## BREED

French Bulldog

## SEX

Female

## AGE

4

## WEIGHT

8.7kg

## INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet.  
DipECVDI

## IMAGING PERFORMED BY

Maria Georvasili

## HOSPITAL NAME

Animal Trust - Bolton

## REFERRING VET

Maria Georvasili

## INVOICE

73020

## DATE

12-17-25

## PRESENTING CLINICAL SIGNS

Hx: yelps when she tries to eat or drink, anorexia for 2 days, cries when she puts something in her mouth, no v/d, not spayed, vaccinations upd, losing weight CE: Quiet, Horizontal nystagmus since yesterday, Head tilt since yesterday, MM pink, Teeth NAD, Oral cavity: hard swelling on R side of soft palate, Otoscopy: both ears with dark discharge, R ear worse, Spinal palpation unremarkable, HR RR NAD, Abdomen soft, T 39.5, MPL LHL

## COMPUTED TOMOGRAPHY OF THE SKULL & NECK

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

## COMPUTED TOMOGRAPHIC FINDINGS

The skull has a brachycephalic conformation with significant crowding and rotation of the maxillary premolar teeth.

The tooth elements 305, 311, 405 and 411 are absent.

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

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

Both tympanic bullae are obliterated by non-contrast enhancing soft tissue material and the osseous wall irregularly thickened, R>L. The medial segment of the external ear canals is obliterated by non-contrast enhancing soft tissue material and the wall is thickened, R>>L.

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 right mandibular lymph nodes, right parotid lymph node and the right medial retropharyngeal lymph node are prominent.

Incomplete ossification of the ventral arch of C1 is present. Level with the intervertebral disc space C2/C3, mild mineralized disc material is protruding into the vertebral canal, occupying approximately <10% of the cross-sectional area of the vertebral canal at the same level.

The thyroids glands present the expected sized, shape and attenuation/contrast enhancement pattern.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral otitis externa, R>>L
- Bilateral chronic otitis media
- Lymphadenopathy right mandibular lymph nodes, right parotid lymph node and right medial retropharyngeal lymph node
- Intervertebral disc protrusion C2/C3 with possible dynamic compressive myelopathy
- Multiple absent teeth
- Incidental incomplete ossification ventral arch C1

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The main finding is the otitis externa, R>>L, along with otitis media with secondary reactive lymphoid hyperplasia of the right regional lymph nodes of the skull. Accompanying otitis interna is a likely cause



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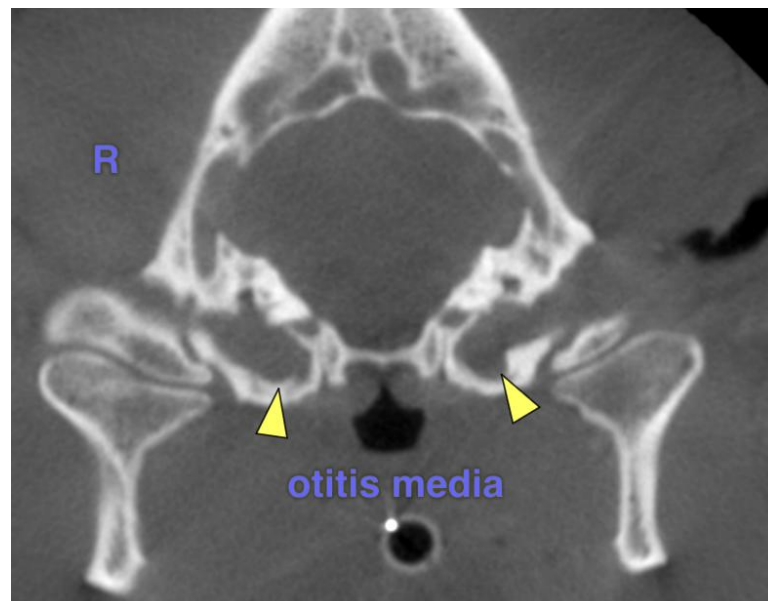
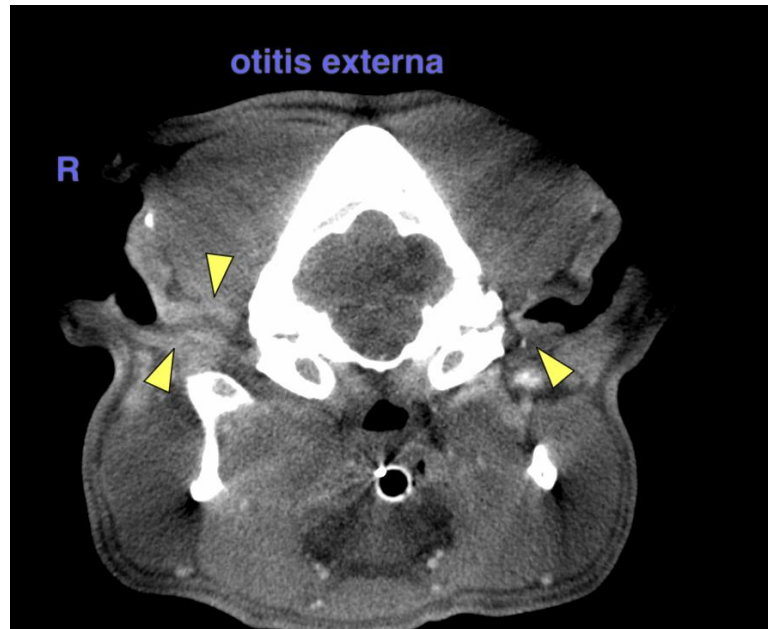
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for the presenting vestibular clinical signs – although no overt changes of the inner ear are appreciated by CT.





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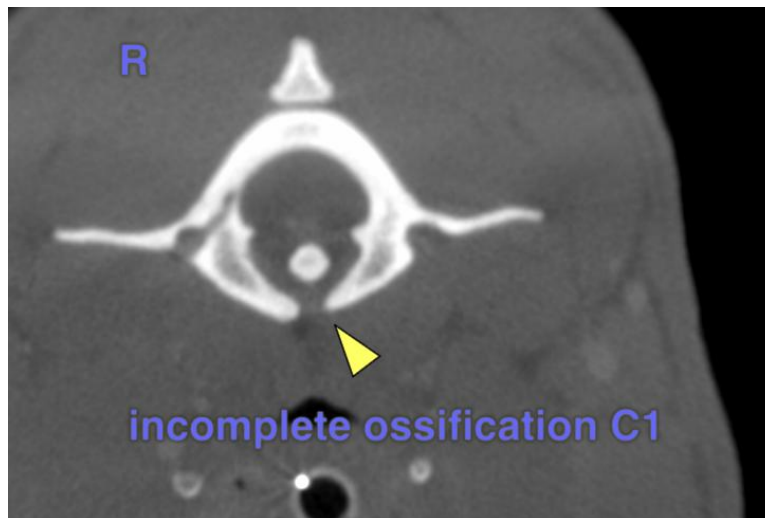
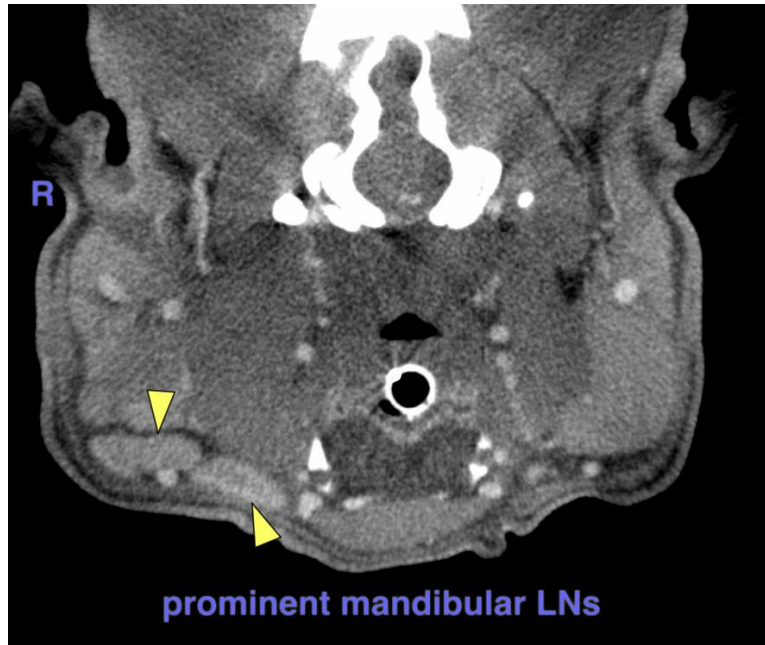
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
[info@sonopath.com](mailto:info@sonopath.com)