



**PATIENT PRESENTING CLINICAL SIGNS**

**Binky McKerracher** OR eating small amounts only, quite subdued, not herself No v/d Has been seen by previous vets for same issues/ ear problems On exam: mouth ok, teeth in good condition, eyes fine, right ear moderate amount of normal wax, left ear: excessive wax and ear canal filled up with thick white-greyish discharge, chest and heart fine, abdomen comfortable, temp normal Cytology ear fluid: rods ++, advised swab sent to the lab. gradual decline since visit last week, appetite poor, not interacting as she normally would and today lying in odd position, o feels as if she is trying to hold her head still Examination: QAR, reluctant to move around room but will, when doing so seems off balance and unsure of footing with normal mentation. ear flush 10/07/23: Fluid at the end of the ear canal, thick/purulent, + mass/polip visible top of TM.

**SPECIES**

Feline

**BREED**

Domestic Short Hair

**COMPUTED TOMOGRAPHY OF THE SKULL**

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

**SEX COMPUTED TOMOGRAPHIC FINDINGS**

Female

Triadan 106, 206, 301, 307, 401 and 407 are absent.

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

**AGE**

11 Years

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

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The left tympanic bulla is partially filled with non-contrast enhancing soft tissue material. The osseous lining of the left tympanic bulla is thickened and presents multifocal moth eaten osteolytic lesions with perforation of the wall. The medial aspect of the horizontal segment of the left external ear canal is obliterated by soft tissue material, extending into the lateral compartment of the left tympanic bulla.

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The right tympanic bulla contains a small amount of soft tissue material; the osseous lining is smooth and thin. The right external ear canal is unremarkable.

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.

**REFERRING VET**

Jenny Naylor

The left mandibular and medial retropharyngeal lymph node are prominent.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Left sided chronic otitis media
- Soft tissue material in left external ear canal and potential extension into the left tympanic bulla
- Lymphadenopathy left mandibular and medial retropharyngeal lymph node
- Very mild right sided otitis media
- Multiple absent teeth

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**DATE**

7-17-23



**PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Binky McKerracher

The left sided otitis media might be associated with otitis interna and can be a source for the possible vestibular clinical signs. The soft tissue material level with the left tympanic membrane can present inflammatory debris or soft tissue mass - both inflammatory polyp or neoplastic disease need to be considered. Recommend thorough otoscopic evaluation of the left external ear canal to check for potential mass - if no mass is appreciated and the tympanic membrane is intact, surgical management of the left sided otitis media by a ventral bulla osteotomy might be beneficial.

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Recommend FNA sampling of the left mandibular and medial retropharyngeal lymph node to confirm reactive hyperplasia and ruling out malignant transformation.

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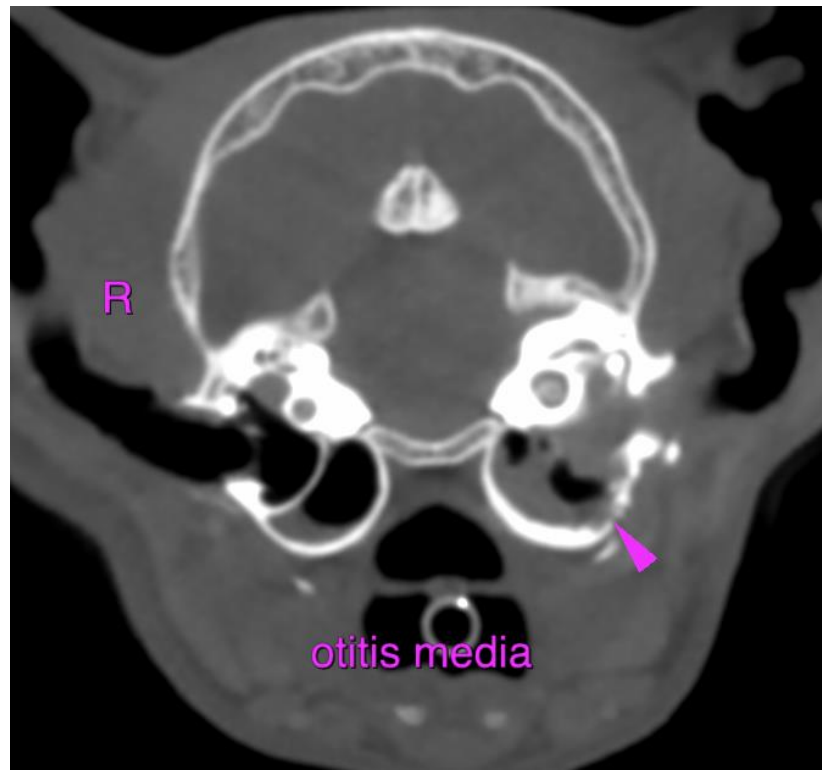
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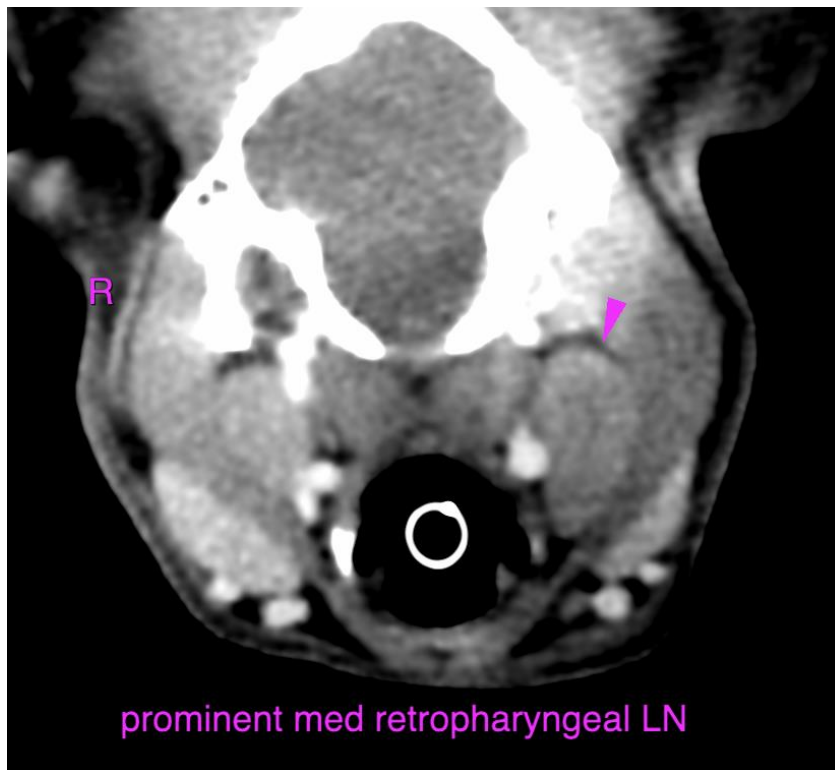
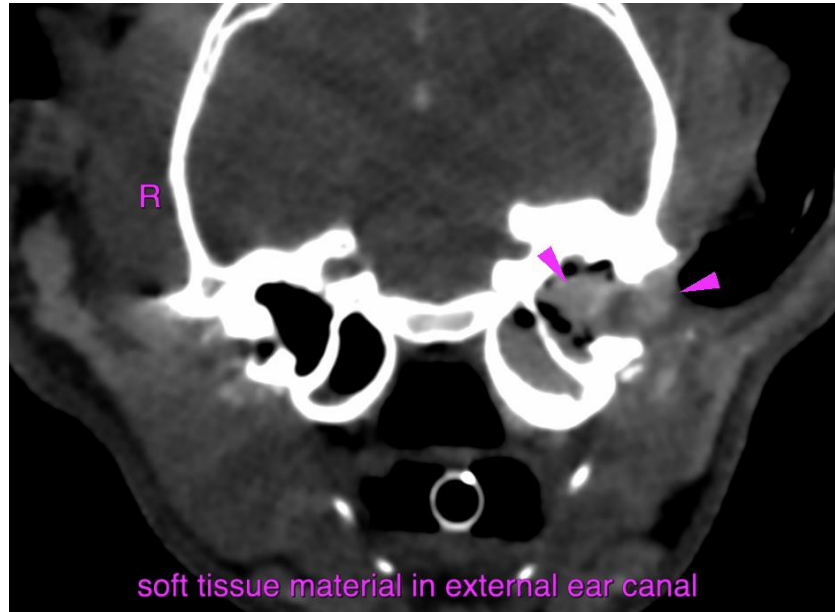
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**PATIENT** The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Binky McKerracher

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.

**SPECIES**

Feline

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