



PATIENT

Lola Erickson

SPECIES

Canine

BREED

French Bulldog

SEX

Female

AGE

6Y

WEIGHT

9.1kg

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Jenna Bringenberg

HOSPITAL NAME

Pet Emergency &
Referral Center - NVA

REFERRING VET

Dr. Darby Toth

INVOICE

73982

DATE

2-26-26

PRESENTING CLINICAL SIGNS

History of head tilt, chronic otitis externa, with inflammation of the external canal without the ability to visualize the internal canal.

COMPUTED TOMOGRAPHY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

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

Multiple teeth are absent. Triadan 106, 107, 206 and 207 present a moderate widened periodontal space.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. The soft palate is elongated and mild to moderately thickened (measuring up to 13 mm in height).

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

The right external ear canal is filled with uniform soft tissue attenuating material. Post contrast administration the vertical segment of the right external ear canal presents contrast enhancing material protruding into the lumen of the ear canal. The right tympanic bulla is filled with soft tissue attenuating material. The osseous lining of the right tympanic bulla is moderately thickened and smooth. The osseous labyrinth of the right inner ear presents advanced osteolysis with loss of the normal anatomy.

The left ear canal and tympanic bulla are aerated, 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.

The right medial retropharyngeal lymph node is prominent.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of right sided chronic otitis externa with complete obliteration of the ear canal with soft tissue material and contrast enhancing material protruding into the vertical segment
- Right sided chronic otitis media & interna
- Periodontal disease 106, 107, 206 and 207
- Lymphadenopathy right medial retropharyngeal lymph node
- Multiple absent teeth

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are fitting the history of right sided otitis externa. The contrast enhancing material protruding into the vertical segment of the ear canal can present hypertrophic epithelium or a soft tissue mass (polyp versus neoplasia). Secondary right sided otitis media and interna – the latter does explain the head tilt. Due to the advanced destruction of the right inner ear the head tilt is likely to persist. Surgical management of the otitis externa via total ear canal along with lateral bulla osteotomy appears beneficial.



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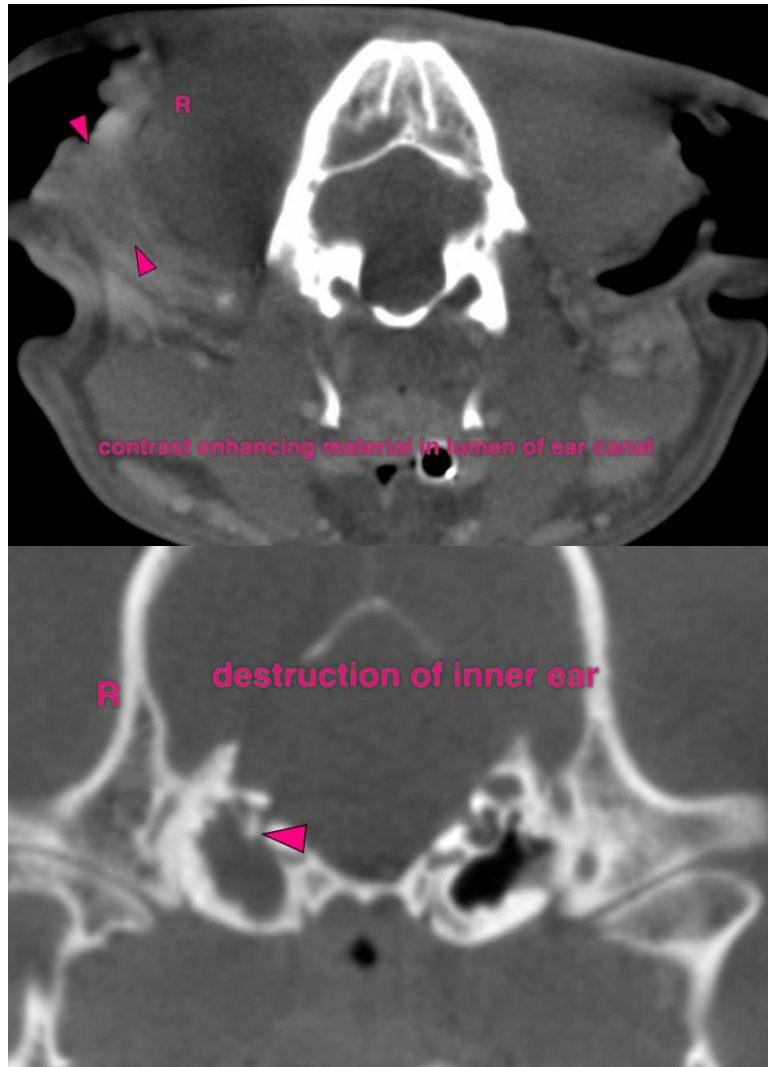
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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