



PATIENT PRESENTING CLINICAL SIGNS

Winston Ferguson Recurrent L sided submandibular abscessation in the face of long-term antibiotics. Imaging to determine Brachycephalic patient with a recent notation of borderline DCM.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Canine Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

English Bulldog

Severe thickening of the tissues of the left external auditory meatus with luminal obliteration, increased enhancement and multifocal osseous metaplasia is seen. The loss of the normal canal outline and extensive multi-cavitated peri aural abscess formation measuring ~ 8 cm x 4 cm and extending into the left temporal region is seen. The left tympanic bulla is filled with fluid attenuating material and presents thickening of its osseous lining. Extensive sclerosis of the petrous temporal bone is seen. There is no evidence of intracranial extension or otitis media.

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The right external auditory meatus presents severe thickening of its epithelial lining with increased enhancement and luminal obliteration consistent with ear canal stenosis.

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The left retropharyngeal and submandibular lymph nodes are moderately enlarged.

Multifocal periodontal disease is seen with no evidence of oral nasal communication.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

Features of complex brachycephalic obstructive airway syndrome with Grade 2 stenosis of the nares, reduced length of the nasal cavities, reduced number and foldings of the nasal turbinate, retrograde bilateral turbinate growth and nasopharyngeal narrowing as well as a thickened soft palate are seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

HOSPITAL NAME

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Veterinary Specialty
Center

- Severe chronic left-sided otitis externa with peri aural abscess formation with temporal extension
- Severe chronic left-sided otitis media
- Severe chronic right-sided otitis externa with ear canal stenosis
- No evidence of right-sided otitis media
- No evidence of otitis interna or intracranial extension
- Reactive regional lymphadenopathy
- Mild to moderate multifocal periodontal disease
- Brachycephalic airway changes consistent with BOAS

REFERRING VET

Dr Applegate

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

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The CT findings are consistent with longstanding severe bilateral otitis externa and left-sided otitis media as well as left-sided chronic peri aural abscessation. The multi-cavitated abscess formation on the left likely reflects chronic infection and can be associated with loss of the integrity of the left external auditory meatus.

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The regional lymphadenopathy is reactive.



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There is no evidence of intracranial extension or otitis interna. However, severe signs of chronic otitis media are seen on the left-hand side and the right external auditory meatus presents severe stenosis in conjunction with chronic otitis externa.

SPECIES

Canine

Consider surgical consultation for management of the left peri aural abscess and possibly with ear canal ablation and bulla osteotomy. The right external auditory meatus may require ablation as well.

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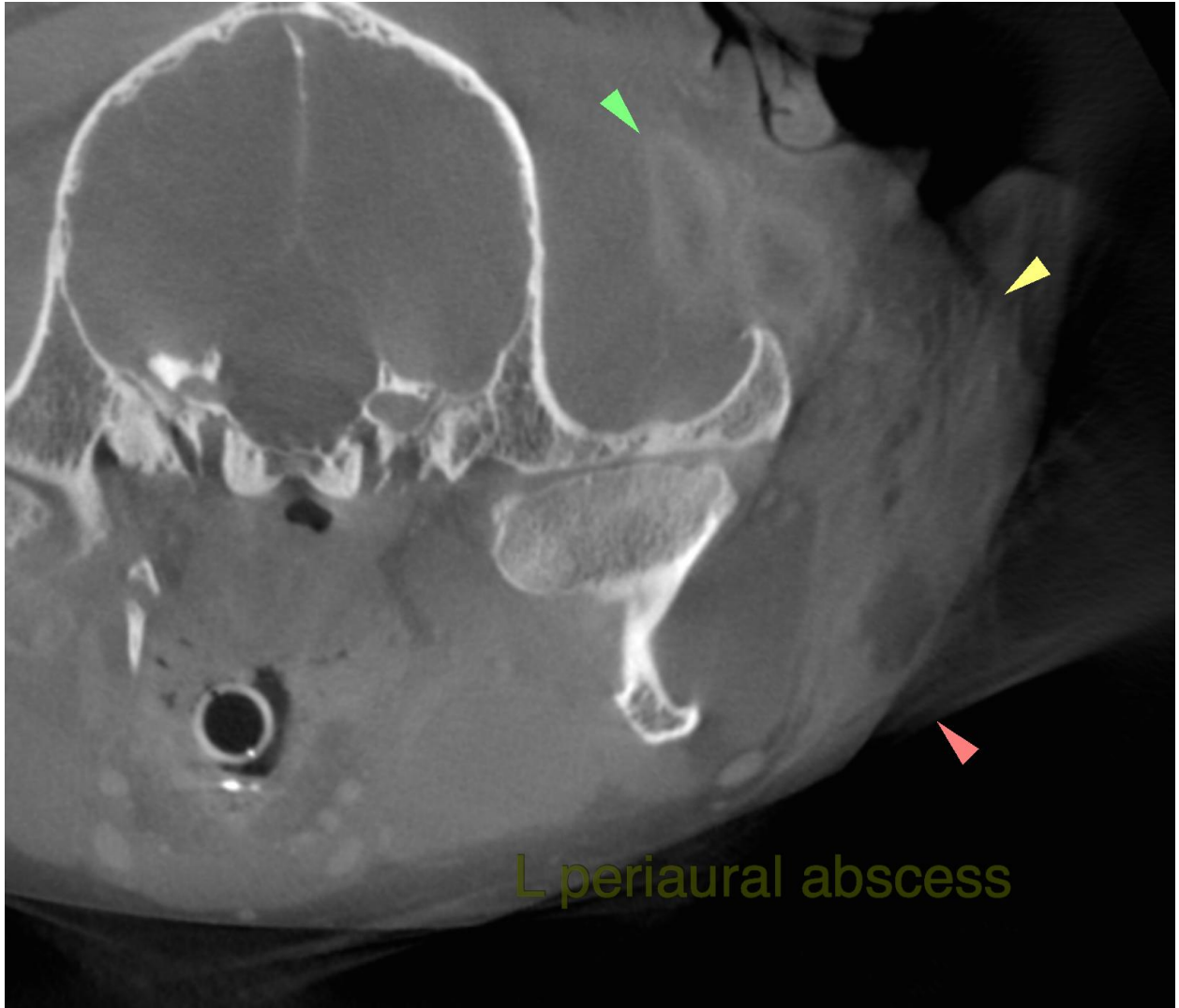
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L periaural abscess



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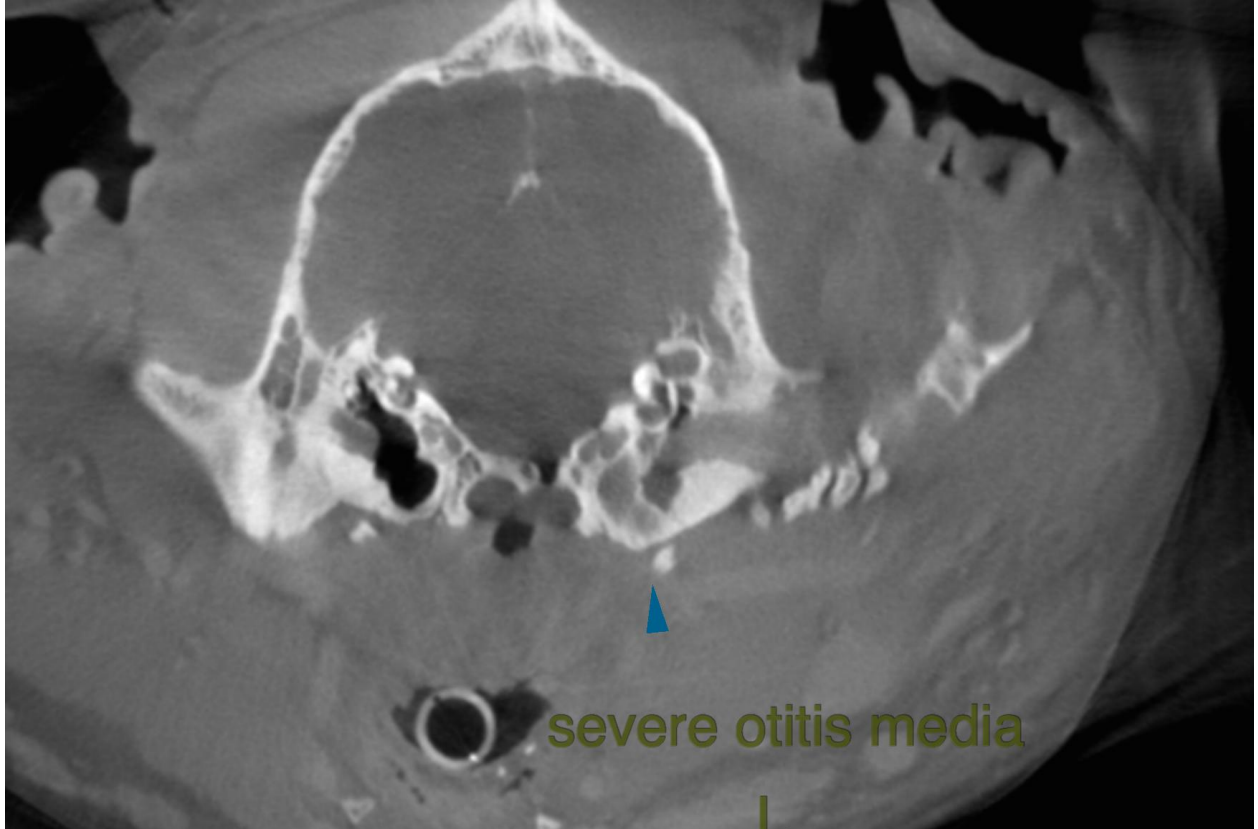
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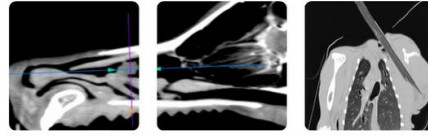
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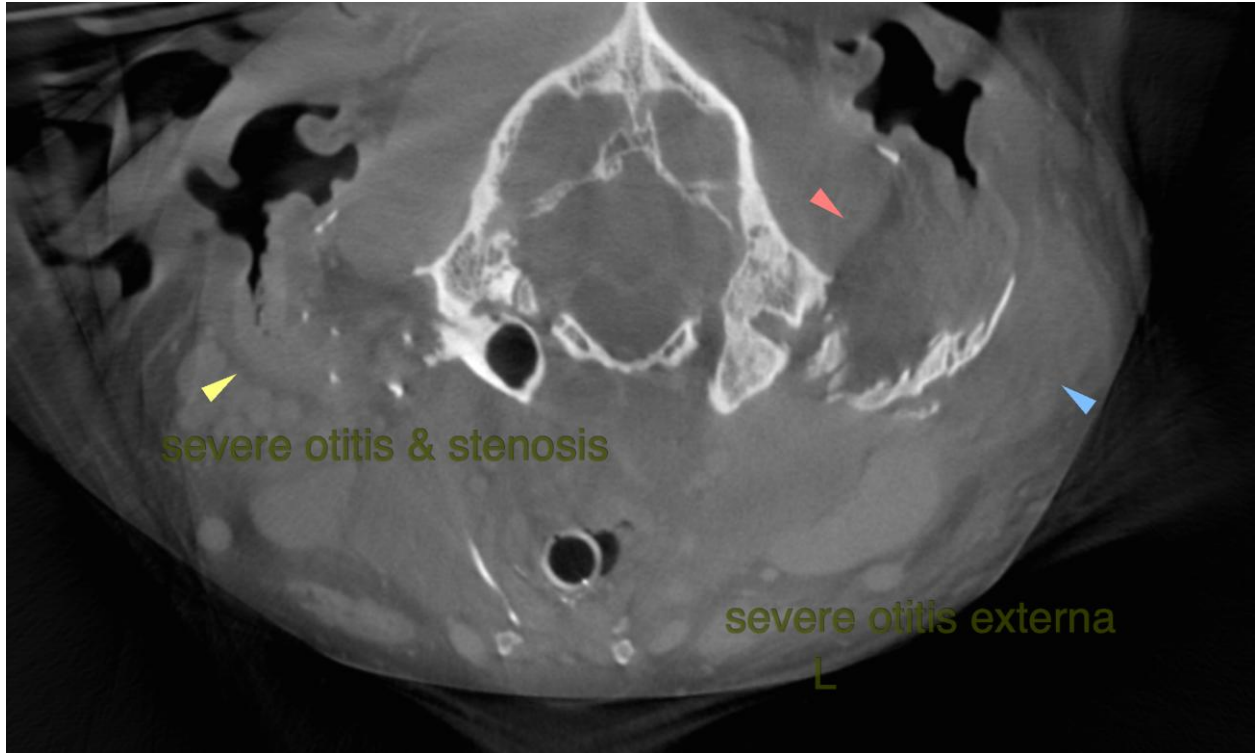
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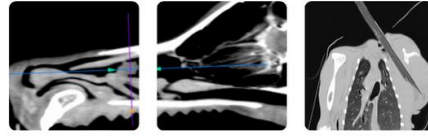
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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