



PATIENT

Denzel Slade

SPECIES

Canine

BREED

French Bulldog

SEX

MN

AGE

8Y, 6M

WEIGHT

20kg

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Ana

HOSPITAL NAME

Animal Trust - Bolton

REFERRING VET

Lodovica Martorelli

INVOICE

73525

DATE

1-30-26

PRESENTING CLINICAL SIGNS

History:

- ICU inpatient
- On oral and facial examination 2 oronasal fistulas present with raised irregular edges on inner aspect of R rear molars within hard palate. When exhaling purulent material expelled from holes. Suspect large mass under jaw to be abnormal LN? Mass more midline when asleep and located under caudal tongue region between mandibular rami.
- FNA samples compatible with abscess

Abnormal PE/Chem/CBC/UA Results: High globulins, high liver enzymes, high cholesterol
Monocytosis

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.

The tooth elements 101, 205, 301, 305, 311, 402, 405 and 411 are absent. A retained fragment of triadan 101 is appreciated in the widened alveolar crest. Triadan 206 and 207 present a moderate widened periodontal space.

The subcutaneous tissue along the ventral aspect of the mandible and submandibular region presents significant edematous swelling along with soft tissue striation of the subcutaneous fat. In the right submandibular region, an irregular shaped and ill-defined, fluid attenuating swelling with multiple small gas inclusions dorsally is appreciated; post contrast administration the fluid attenuating swelling is demarcated by a moderate contrast enhancing irregular shaped capsule. The right mandibular salivary gland is displaced dorsally and the larynx to the left by the mass effect.

Ventral to the base of the tongue, multiple fluid attenuating pockets are appreciated.

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 filled with fluid attenuating material. The external ear canals present a thickened wall, R>L, along with advanced shell like mineralization.

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 prominent.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large cavitory lesion with gas inclusion right submandibular region along with surrounding septic cellulitis and inflammatory edema
- Lymphadenopathy mandibular lymph nodes and medial retropharyngeal lymph nodes



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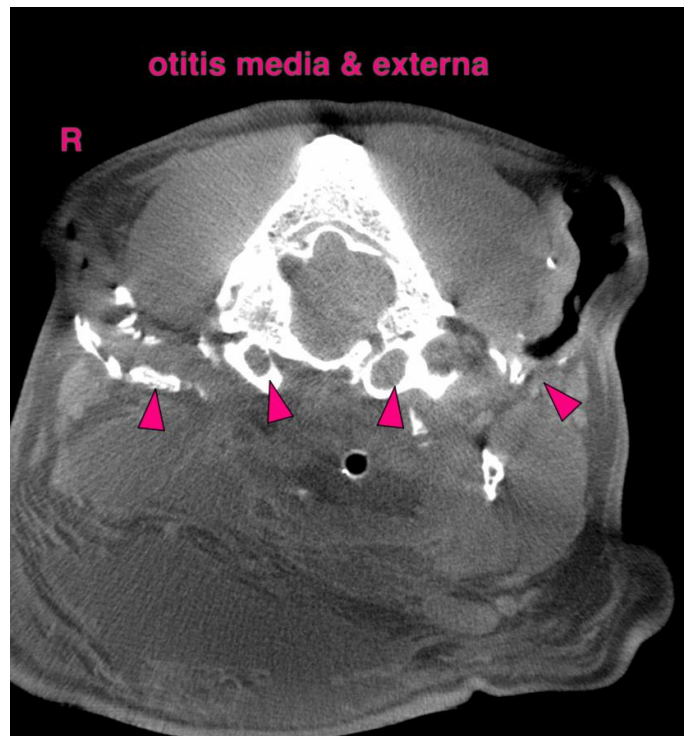
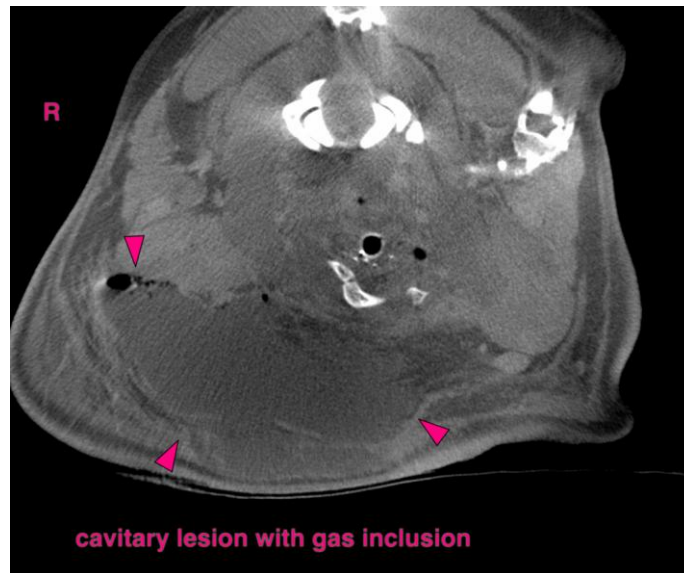
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- Bilateral advanced chronic otitis externa
- Bilateral otitis media

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are consistent with a large right sided submandibular abscess and surgical drainage is advised. An underlying cause for the abscess formation cannot be specified (e.g. preceding perforation trauma, migrating foreign material).





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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