



PATIENT PRESENTING CLINICAL SIGNS

Sophia Benitez History: Not eating, unable to open mouth.
Abnormal PE/Chem/CBC/UA Results: Bony swelling Left ear base.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED

French Bulldog Multiple teeth are absent.

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

SEX

Intact Female Originating from the left tympanic bulla, a large, expansile, peripherally irregular mineralizing mass is seen. The mass is occupying the entire left retropharyngeal region and is extending caudally up to the level of the left ala of C1 and rostrally up to the ramus of the left mandible. The mineralizing expansile mass is distorting the nasopharynx. The left temporal bone including the pectoral part and the left occipital bone present moth eaten osteolytic lesions and hyperostosis. The mass is involving the left temporomandibular joint, presenting signs for active osseous remodeling.

AGE

2 Years

Both external ear canals are absent.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The right tympanic bulla contains a small amount of fluid attenuating material and the osseous lining is mildly thickened. Between the right tympanic bulla and the right temporomandibular joint, moderate mineralization of the soft tissues is appreciated.

HOSPITAL NAME

Mobile Pet Imaging

The left medial retropharyngeal lymph node is prominent.

REFERRING VET

Dr. Meaux

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large expansile ossifying mass originating from the region of the left tympanic bulla with polyostotic semi-aggressive mixed osteolytic and osteoproliferative lesions of the associated osseous structures
- Absent external ear canals bilaterally
- Dystrophic mineralization rostral asect right tympanic bulla
- Lymphadenopathy left medial retropharyngeal lymph node
- Right sided mild otitis media
- History of bilateral total ear canal ablation

INVOICE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

7/22/22

The findings are highly suggestive chronic left sided otitis media with chronic osseous remodeling, potential cholesteatoma formation and advanced chronic osteitis of the associated osseous



PATIENT

Sophia Benitez

structures. Secondary reactive hyperplasia or the left medial retropharyngeal lymph node. The findings are unusual for neoplastic disease, however chondrosarcoma, osteosarcoma, osteochondrosarcoma is a consideration but appears less likely. FNA sampling/biopsy might be used to rule out neoplastic disease.

SPECIES

Canine

Due to the advanced osseous changes and the extend of the mass involving multiple delicate anatomical structures level with the base of the skull, surgical resection is considered not feasible, and the prognosis is very guarded to infaust.

BREED

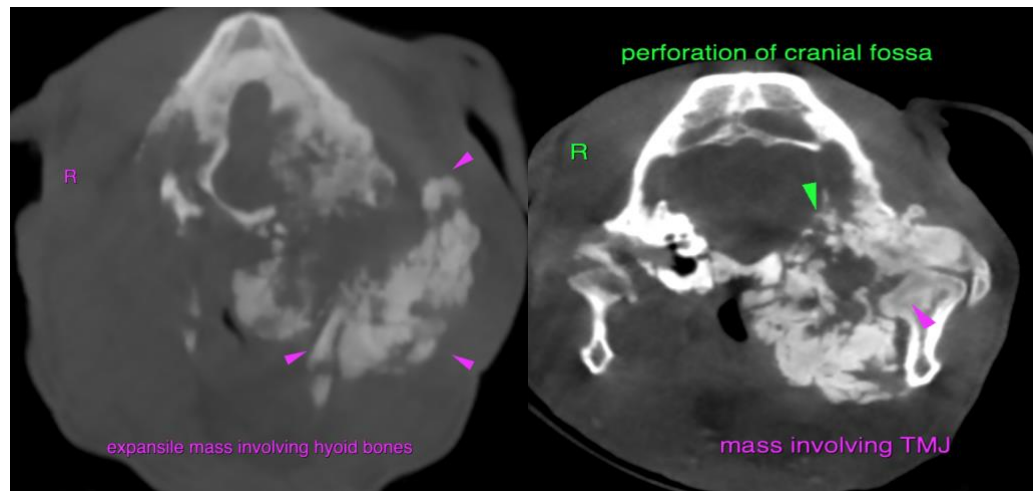
French Bulldog

SEX

Intact Female

AGE

2 Years



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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.

HOSPITAL NAME

Mobile Pet Imaging

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