



PATIENT

Neron Jimenez

PRESENTING CLINICAL SIGNS

Patient presents for medical evaluation of masses in the mouth. Patient did not want to eat. It is difficult for you to drink water. Ultrasound was performed: Hypoechoic liver could be a normal patient variation however hepatitis can't be rule out. Corroborate with clinical sign and laboratory results. Rest of the study was unremarkable. r/o: abscess vs masses oral
 Abnormal PE/Chem/CBC/UA Results: CBC --- Lymphopenia CHEM --- unremarkable

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

BREED

Boston Terrier

Pre/post contrast studies provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

MN

The roots of 105 and 106 show marked periapical lysis of the alveolar bone with erosion of the 105 root. There is a soft tissue mass with a central calcification noted buccal to the 105/106.

AGE

10 Years

The head presents a breed-related brachycephalic formation. Bony structures of skull and the skull foramina of the cranial nerves are laterally symmetrical and inconspicuous.

Both tympanic bullae are completely ventilated with hyperostotic wall on the left side.

INTERPRETED BY

The neurocranium shows normal findings.

Sebastian Jawinski,
 German Board
 Certified Vet
 Specialist in
 Diagnostic Imaging

Frontal sinuses and the orbital contents are laterally symmetrical without evidence of a retrobulbar lesion. Nasal cavities are ventilated regularly.

Post contrast images show no pathological enhancement. Soft tissues of the head and neck are symmetrical and of homogeneous density, especially the medial retropharyngeal lymph nodes.

HOSPITAL NAME

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 Center

The right thyroid appears enlarged and is asymmetric.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. M. Carrillo, DVM

- Bone lesion with periapical lysis of the 105/106 roots and erosion of the 105 root
- Adjacent soft tissue mass with central calcification
- Signs of a residual/chronic otitis media on the left, incidental finding
- Questionable mass of the right thyroid

INVOICE

47989

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

10-26-21

CT findings are suspicious for an aggressive, locally invasive lesion of the maxillary bone involving the roots of 105 and 106. Differentials include but are not limited to malignant neoplasia such as squamous cell carcinoma, malignant melanoma, ameloblastoma and fibrosarcoma. Biopsy is needed for further evaluation. Currently there is no evidence of regional metastatic spread.



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Final assessment of the right thyroid is not possible with CT. Hyperplasia and neoplasia are possible. Complementary blood work up and a regular monitoring of size (ultrasound) are recommended.

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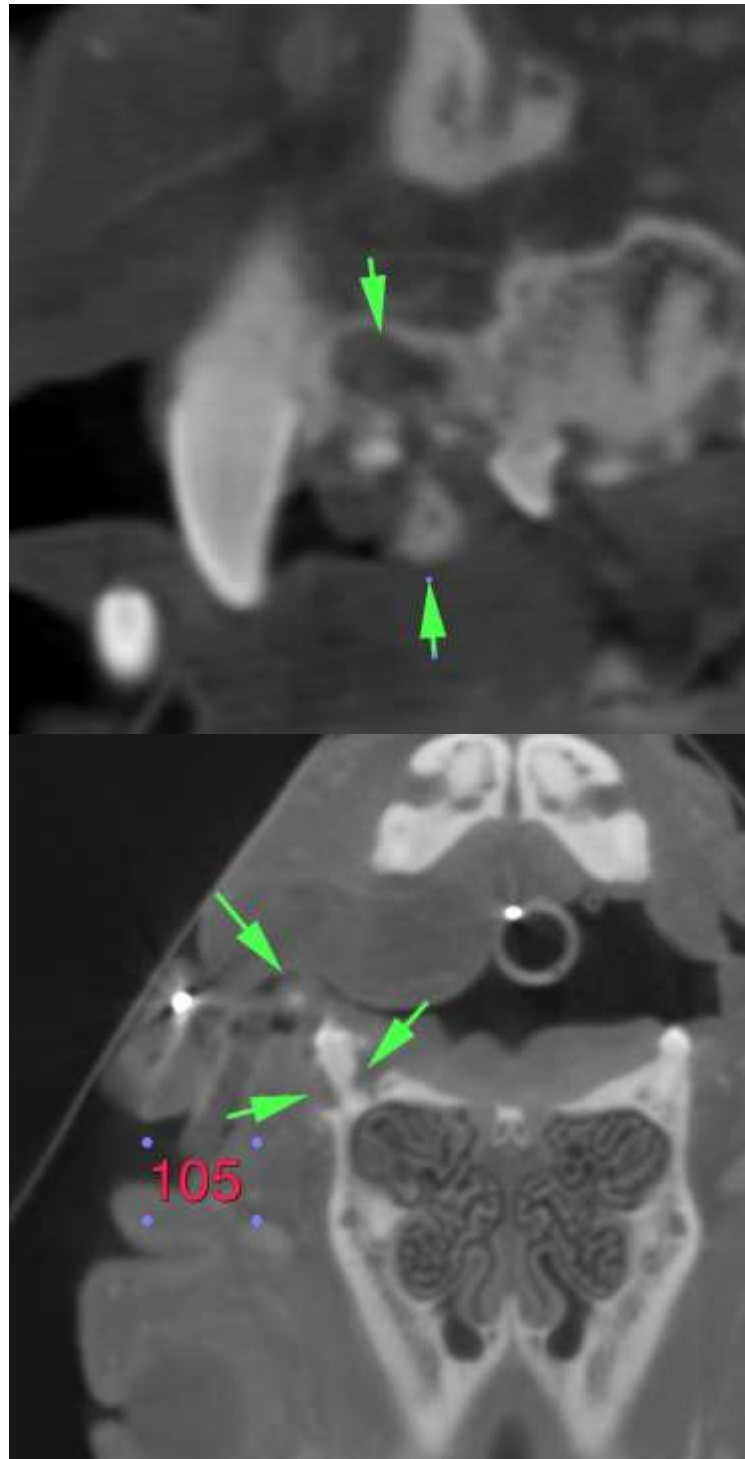
Dr. M. Carrillo, DVM

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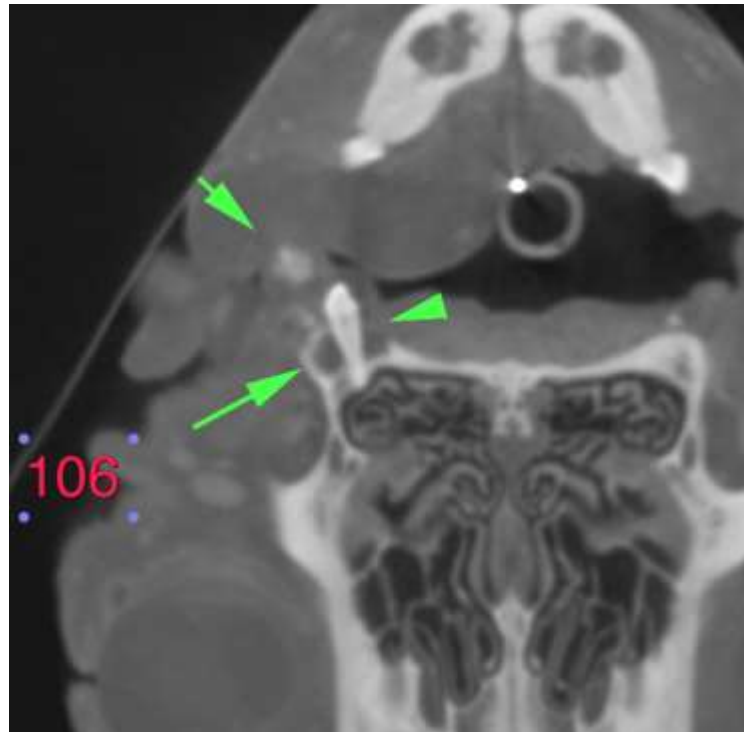
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
Sebastian.Jawinski@sonopath.com

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