



**PRESENTING CLINICAL SIGNS**

**PATIENT**

Jackson Moore

History: History of mass left maxillary, histopathology said malignant but inconclusive for type. Sarcoma was top differential. Patient to get maxillectomy on 12/11/21. CT for surgical planning. Abnormal PE/Chem/CBC/UA Results: Bloodwork and abdominal ultrasound unremarkable.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax are provided for review.

**BREED**

Pitbull Terrier

**COMPUTED TOMOGRAPHIC FINDINGS**

The tooth elements 208, 301, 401 and 405 are absent. Centered on the alveolar bone level with triadan 207 to absent 208, a cauliflower like, heterogenous contrast enhancing soft tissue gingival mass is visible measuring approximately 1.8 x 1.8 x 2.6 cm is seen. The alveolar process of the left maxillary bone presents moth eaten osteolytic lesions and immature mild periosteal new bone formation. There is no evidence of perforation of the left nasal cavity.

**SEX**

Neutered Male

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

**AGE**

9 Years, 8 Months

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The left external ear canal presents a moderate thickening of the wall in the medial segment. Bilateral mild mineralization of the external ear canals are seen.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

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.

**HOSPITAL NAME**

Scottsdale Veterinary  
Clinic

The left medial retropharyngeal lymph node is prominent.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- History of gingival mass alveolar process left maxillary bone with monostotic aggressive mixed osteolytic and osteoproliferative lesions
- Lymphadenopathy left medial retropharyngeal lymph node
- Absent triadan 208, 301, 401 and 405

**REFERRING VET**

Dr. Magnussen

**INVOICE**

10021

**DATE**

12/9/21



**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**PATIENT**

Jackson Moore

The findings are compatible with the history of malignant sarcoma of the alveolar process of the left maxillary bone level with triadan 207&208. Complete resection by segmental hemimaxillectomy appears feasible. Osteotomy lines should be distal to triadan 209 and mesial to 206.

**SPECIES**

Canine

Recommend FNA sampling of the regional lymph nodes as well as complementing full tumor staging by 3-view thoracic radiographs.

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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.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

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**

Scottsdale Veterinary  
Clinic

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