



**PATIENT PRESENTING CLINICAL SIGNS**

Marshall Zand History: Oral melanoma left maxilla caudal to canine, 7mm in size  
Abnormal PE/Chem/CBC/UA Results:

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL AND THORAX**

Canine A pre- and post-contrast CT study of the skull and thorax in a soft tissue, bone and lung reconstruction are provided for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Shepherd X **Skull**

**SEX** The pictured parts of the dentition are complete and unremarkable in all jaw quadrants. A small convex shaped swelling of the buccal gingiva distal to triadan 204 is present, measuring 5 mm in diameter; the underlying maxillary bone presents without abnormalities.

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

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

7 Years Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

**INTERPRETED BY**

Sebastian Schaub, DVM Dr. med. vet. 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.

DipECVDI

The left medial retropharyngeal lymph node is mildly prominent.

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**Thorax**

Multifocal mild to moderate spondylosis formation is present along the thoracic spine.

**REFERRING VET**

Dr. Jerome Gagnon, DACVIM (Oncology)

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

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The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits. The lung parenchyma presents the expected architecture and attenuation behavior.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

**DATE**

9/21/21



**PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS**

Marshall Zand

- Small gingival mass, buccal gingiva level 205
- Mild lymphadenopathy left medial retropharyngeal lymph node
- Spondylosis deformans thoracic spine
- No evidence of pulmonary metastatic disease

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

Shepherd X

The small gingival mass level with triadan 205 can fit the history of oral melanoma, there is no evidence of osseous involvement. Although there is no evidence of macroscopic involvement of the alveolar bone, to get clean margins, segmental resection of the alveolar bone might be considered.

Recommend ultrasound guided FNA sampling of the left medial retropharyngeal lymph node to rule out metastatic spread.

**SEX**

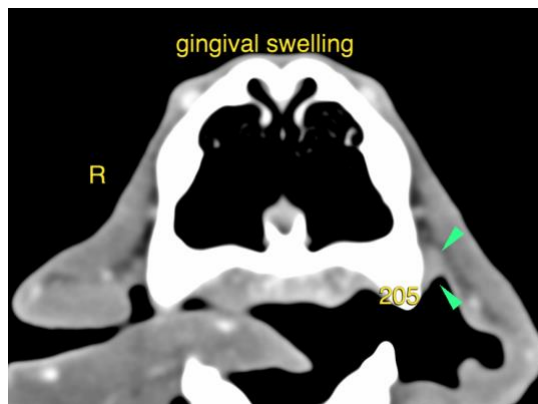
Neutered Male

**AGE**

7 Years

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI



**HOSPITAL NAME**

Animal Health  
Partners

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.

**REFERRING VET**

Dr. Jerome Gagnon,  
DACVIM (Oncology)

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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