



PATIENT

Wesley Tan Kim Bee

PRESENTING CLINICAL SIGNS

On November 2021, went to another vet and was diagnosed with SCC in the mouth (biopsy - stage 2 SCC). Oral cavity- gingiva on left side above canine tooth is inflamed and has a mass growth on it - dark red in colour and painful when palpated. Bleeding gum. Has improvement now compared to previous visit - able to flick the gums.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL

A pre- and post-contrast CT study of the skull in a bone and soft tissue reconstruction is provided for review.

BREED

Maltese

COMPUTED TOMOGRAPHIC FINDINGS

The tooth elements 106, 107, 206, 207, 308, 311, 406 and 408 are absent. Mild horizontal bone loss is seen in all jaw quadrants.

SEX

Male

At the buccal aspect of the gingival lining level with triadan 204, a plaque like, soft tissue attenuating and moderate contrast enhancing mass, measuring 9 x 5 x 11 mm in size is visible, causing mild lateral deviation of the lip at the same level. The associated alveolar bone presents no abnormalities.

AGE

9 Years

Mild atrophy of the nasal conchal structures bilaterally is appreciated.

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

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

Animal Medical
Centre Sdn Bhd

The left mandibular lymph nodes are mildly prominent in comparison to the right mandibular lymph nodes.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Sivan

- History of squamous cell carcinoma buccal aspect of gingival lining level with triadan 204
- Mild lymphadenopathy left mandibular lymph nodes
- Generalized mild periodontal disease of the remaining teeth
- Mild conchal atrophy
- Absent triadan 106, 107, 206, 207, 308, 311, 406 and 408

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are fitting the history of squamous cell carcinoma protruding from the buccal aspect of the gingival lining level with triadan 204, no overt changes of the underlying alveolar bone are appreciated. Rostral hemimaxillectomy is considered as a feasible treatment option; potential osteotomy lines are in the midline mesial to triadan 201 and approximately 5-10 mm distal to triadan 205.

DATE

5-28-22

Recommend FNA sampling of the left mandibular lymph nodes to rule out metastatic disease.



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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.

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