



PATIENT PRESENTING CLINICAL SIGNS

Zsolly Neger 1.5 x 1 x 1 inch oblong firm ulcerated red attached gingival mass extending from and including the lingual aspect of the right mandibular fourth premolar to the right mandibular second molar (408-410) and apical to include 1/3 - 1/2 of the mandibular body. Mass first noticed June 2022. Biopsy 6/21/22 revealed POF with florid spindle cell proliferation and chronic inflammation. Miotic count 2/10 hpf.

SPECIES

Canine **COMPUTED TOMOGRAPHY OF THE SKULL**

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

BREED

COMPUTED TOMOGRAPHIC FINDINGS

Vizsla

The pictured parts of the dentition are complete. At the lingual aspect of the right body of the mandible solid moderate periosteal new bone formation is seen, presenting an ill-defined surface. The alveolar bone at the lingual aspect of triadan 409 presents irregular new bone formation and moth eaten osteolytic lesions. Post administration, a gingival plaque like mass is seen at the same level, measuring 2.2 x 1.3 x 3.4.

SEX

Male Intact

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

AGE

6 Years, 6 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 external ear canals are within normal limits.

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

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The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of peripheral odontogenic fibroma (POF) lingual aspect right body of the mandible with monostotic semiaggressive predominant osteoproliferative lesions of the mandible

REFERRING VET

Borecky

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are fitting the history of POF at the lingual aspect of triadan 408&409. Right sided caudal hemimandibulectomy (rostral osteotomy should be at least distal to triadan 107 and caudal osteotomy should be level with 410/411) or radiation therapy are considered as feasible treatment options.

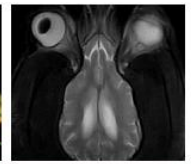
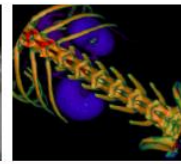
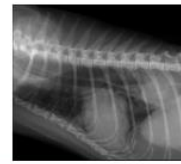
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The solid periosteal new bone formation is considered as a sequela to local inflammation and periostitis.

DATE

7-21-22



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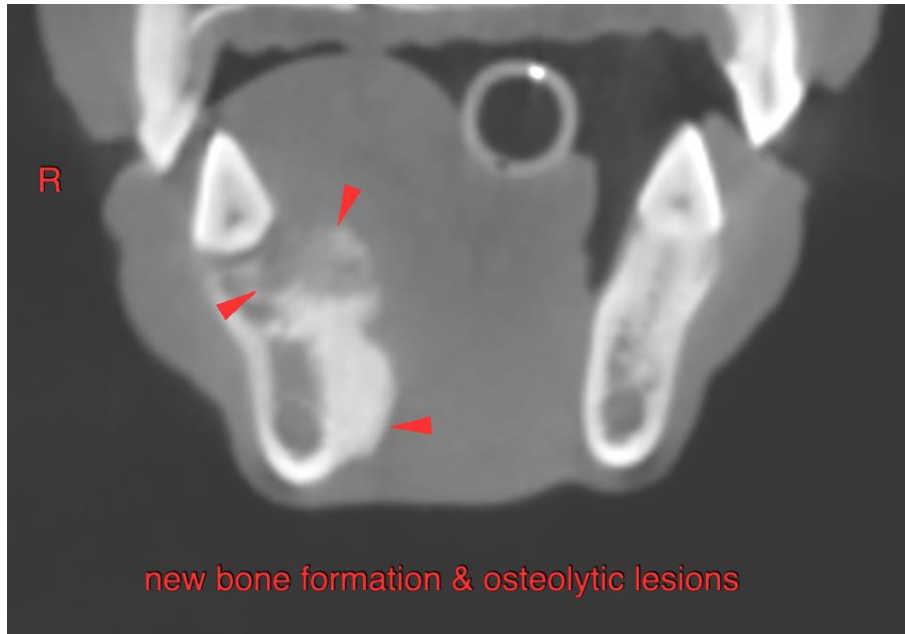
Borecky

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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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