



**PATIENT PRESENTING CLINICAL SIGNS**

Dolly Clogan oral mass r/o SCC vs gingival hyperplasia vs melanoma vs others Heart murmur

**SPECIES COMPUTED TOMOGRAPHY OF THE SKULL**

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

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Lab Triadan 410 and 411 are absent.

Centered on the alveolar process of right maxilla (level with triadan 108-110) and rostral aspect of the right zygomatic are an amorphous mineralize mass is visible, measuring 4.6 x 3.7 x 4.6 cm in size. The mass is extending caudally up to the level of the right ramus of the mandible. The associated segment of the maxillary and zygomatic bone present permeative osteolytic lesions and perforates the nasal cavity. Triadan 109 is displaced ventrally. The mass is bulging into the right orbit and the right ocular bulb is displaced dorsally. In the medial aspect the mass is in contact with the right hamulus of the pterygoid bone.

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

13 Years 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.

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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.

The lateral of the right mandibular lymph nodes is prominent, uniform soft tissue attenuating and contrast enhancing. The short to long axis ratio is increased and equals 0.5.

**REFERRING VET**

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Polyostotic osteoproliferative mass lesions right maxillary and zygomatic bone
- Right sided mild exophthalmos
- Multiple absent teeth

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The ossifying mass is consistent with primary osseous neoplasia and potentials include osteosarcoma, chondrosarcoma, squamous cell carcinoma other. FNA sampling can be performed as advanced diagnostic test. Surgery might be considered but will warrant radical resection of the right zygomatic arch and right sided hemimaxillectomy (osteotomy should be at least mesial to triadan 108 or better 107).

**DATE**

9-9-21



**PATIENT**

Dolly Clogan

The enlarged mandibular lymph node is concerning for metastatic spread, recommend FNA sampling.

Consider full tumor staging.

**SPECIES**

Canine

**BREED**

Lab

**SEX**

FS

**AGE**

13 Years

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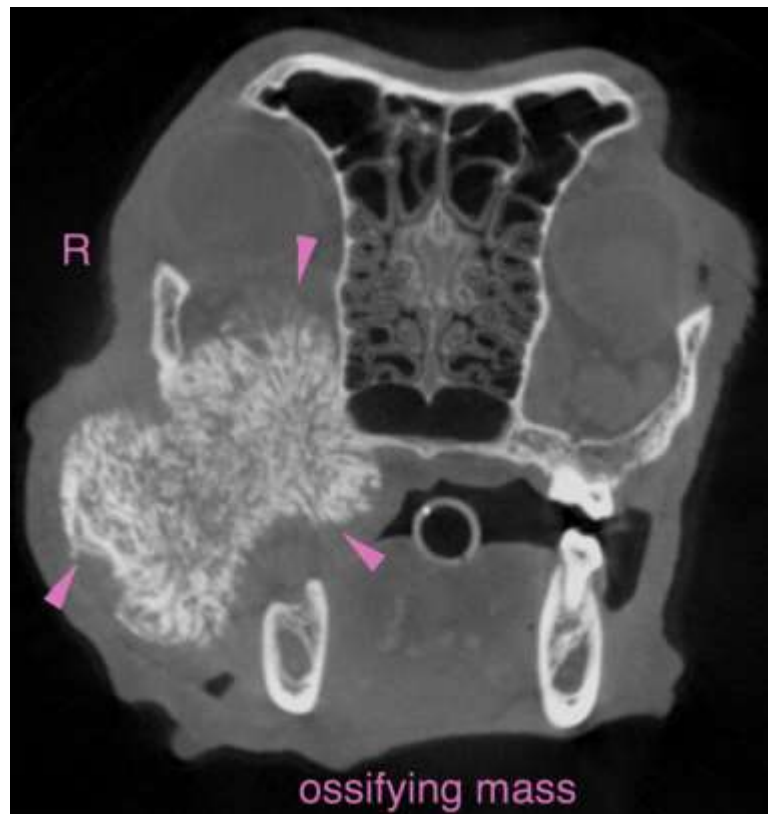
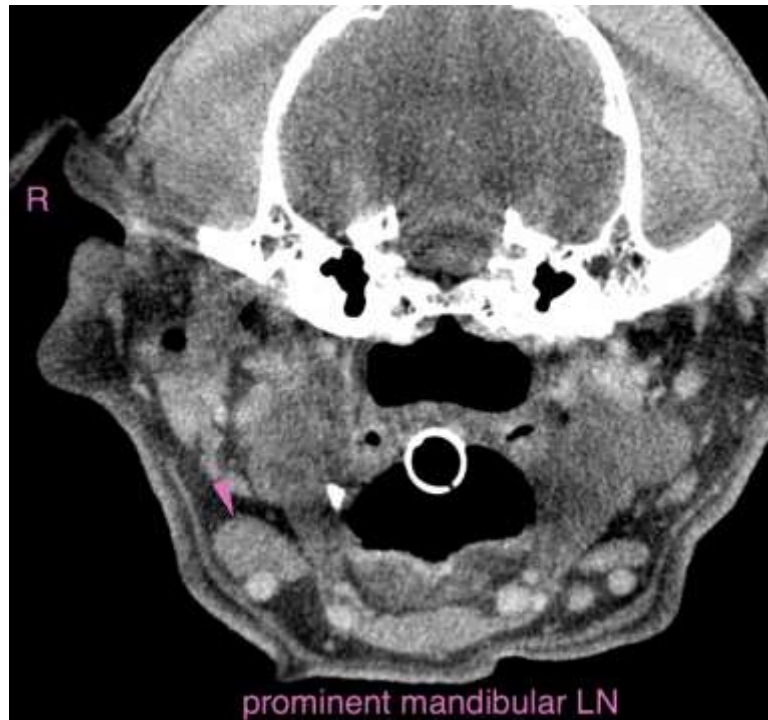
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**PATIENT**

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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.

**SPECIES**

Canine

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.

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