



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Ginny Carothers  
**SPECIES** chronic sneezing, coughing and gagging. Green mucous nasal discharge on right side. Had dental in October at primary vet. Was examined at referring vet on Dec. 2 for sneezing/runny nose, had been previously on clavamox, was prescribed clavamox again at this time. Did better for a bit, but then was examined again Dec 14 for swelling, not eating, still nasal discharge. Was given injection of Convenia and carprofen. Was referred here for CT.

**SPECIES** Canine  
**BREED** Abnormal PE/Chem/CBC/UA Results: 12-16-21: Corneal ulcer left eye, grade 2/6 heart murmur, right nasal area/maxillary area swollen, fistulous tract noted in mouth right side between 104 and 107. Green mucoid discharge from right nostril. Chem: elevated ALT ( 1346), AlkPhos (2939), BUN (42), Creat (1.9), Alb (4.7), CBC: elevated WBC (20.31),

**Miniature Poodle COMPUTED TOMOGRAPHY OF THE SKULL**

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

**SEX COMPUTED TOMOGRAPHIC FINDINGS**

**SEX** FS  
 Multiple teeth are absent. Triadan 104, 204, 310 and 410 present a moderate widening of the periodontal space.

**AGE** 16 Years  
**INTERPRETED BY** The right nasal cavity is occupied by a peripheral contrast enhancing and central hypoattenuating mass – advanced destruction of the right nasal conchal structures is seen.. Multifocal aggressive osteolytic lesions of the right maxillary and palatine bone is seen. The maxillary bone is perforated, and the mass is bulging into the subcutaneous tissue at the lateral aspect of the nose – distal to triadan 104. The nasal septum is deviated to the left by the mass effect. The cribriform plate is intact.

Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI

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

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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.

**REFERRING VET**

Brad Bartholomay

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 moderately dilated.

The right mandibular and medial retropharyngeal lymph node are moderately enlarged, uniform soft tissue attenuating and contrast enhancing

**INVOICE COMPUTED TOMOGRAPHIC DIAGNOSIS**

49105

- Right sided peripheral contrast enhancing nasal mass
- Oronasal fistula triadan 104&204
- Periodontal disease 310 and 410
- Lymphadenopathy right mandibular lymph nodes
- Multiple absent teeth
- Incidental ventriculomegaly

**DATE**

12-16-21



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Ginny Carothers

**SPECIES**

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**BREED**

Miniature Poodle

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FS

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The peripheral contrast enhancement of intranasal mass in combination with the oronasal fistula formation of triadan 104 can represent a large dental abscess. However, as this extend of dental abscess formation is unusual, primary nasal neoplasia, such as squamous cell carcinoma, myxosarcoma, other, is a potential. Consider biopsy of the subcutaneous swelling or by rhinoscopy in combination with extraction of triadan 104&204.

FNA sampling of the right mandibular lymph nodes is recommended to rule in/out malignant transformation.





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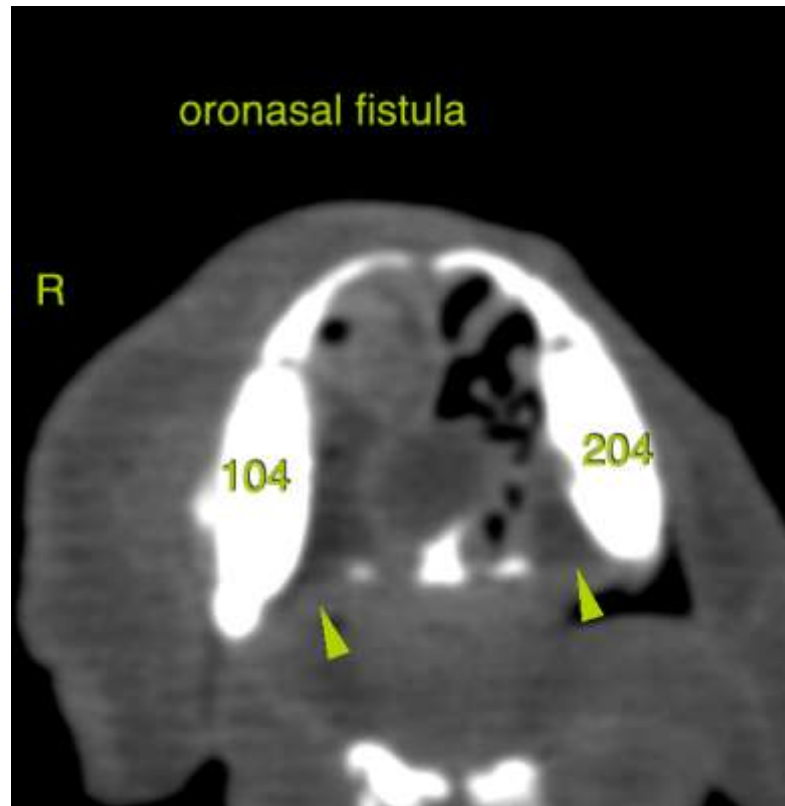
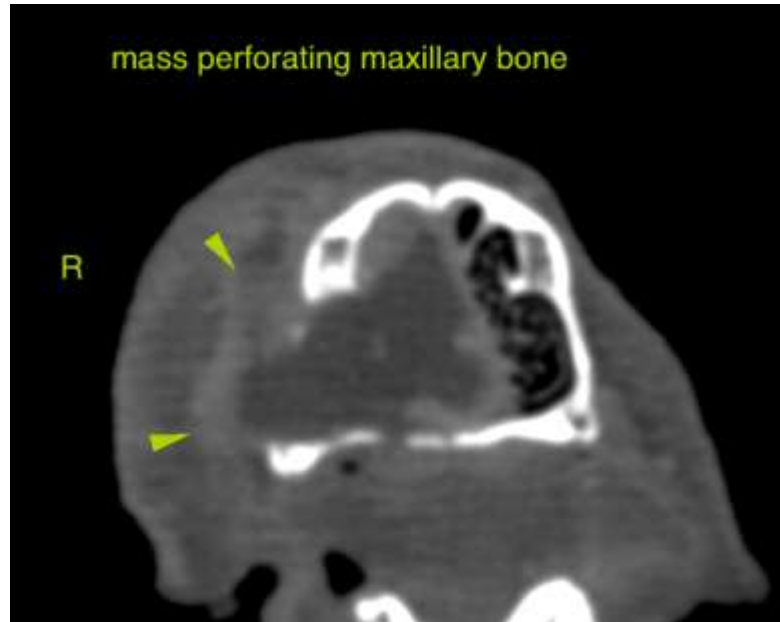
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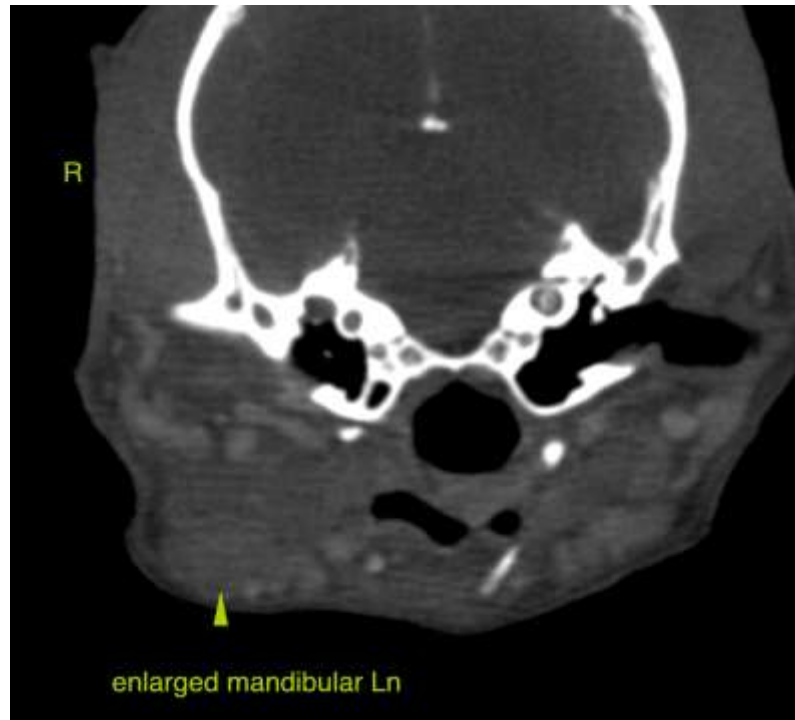
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
sebast.schaub@gmail.com