



**PATIENT PRESENTING CLINICAL SIGNS**

Spirit Genet Presented to dentist due to oral mass around Right upper canine tooth.

**COMPUTED TOMOGRAPHY OF THE SKULL**

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

Canine **COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

Golden Retriever

The tooth element 401 and 402 are absent. A retained root of triadan 402 is appreciated. At the buccal aspect of the alveolar crest of triadan 104, an expansile aggressive osteolytic lesion is appreciated, presenting mild amorphous periosteal new bone formation. Post contrast administration ,a mild heterogeneous contrast enhancing soft tissue mass is associated with the expansile osseous lesion level triadan 104; measuring 2.6 x 2.4 x 3.3 cm in size. The expansile osseous lesion of triadan 104 is perforating the nasal cavity medially.

**SEX**

Neutered Male

Triadan 204 presents a moderate periapical widening of the periodontal space. The distal root of triadan 108&208 present a moderate widening of the periodontal space with resorptive lesions of the respective roots. Triadan 302 presents a moderate widening of the periodontal space.

**AGE**

9 Years

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

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**

Mobile Pet Imaging

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**

**REFERRING VET**

Meaux

- Monostotic aggressive expansile osteolytic mass centered on alveolar crest of triadan 104
- Periodontal disease 108, 208 and remaining mandibular incisors bilaterally
- Suspect periapical granuloma 204
- Absent triadan 401 & 402

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The expansile osteolytic mass level with triadan 104 is compatible with primary neoplasia either due to odontogenic tumor, squamous cell carcinoma, fibrosarcoma, osteosarcoma, other. Biopsy has already been performed for further definition and results are pending. Complete surgical excision will likely warrant rostral hemimaxillectomy – caudal osteotomy line should be distal to triadan 406.

**DATE**

8-2-22

Consider full tumor staging.



**PATIENT**

Spirit Genet

**SPECIES**

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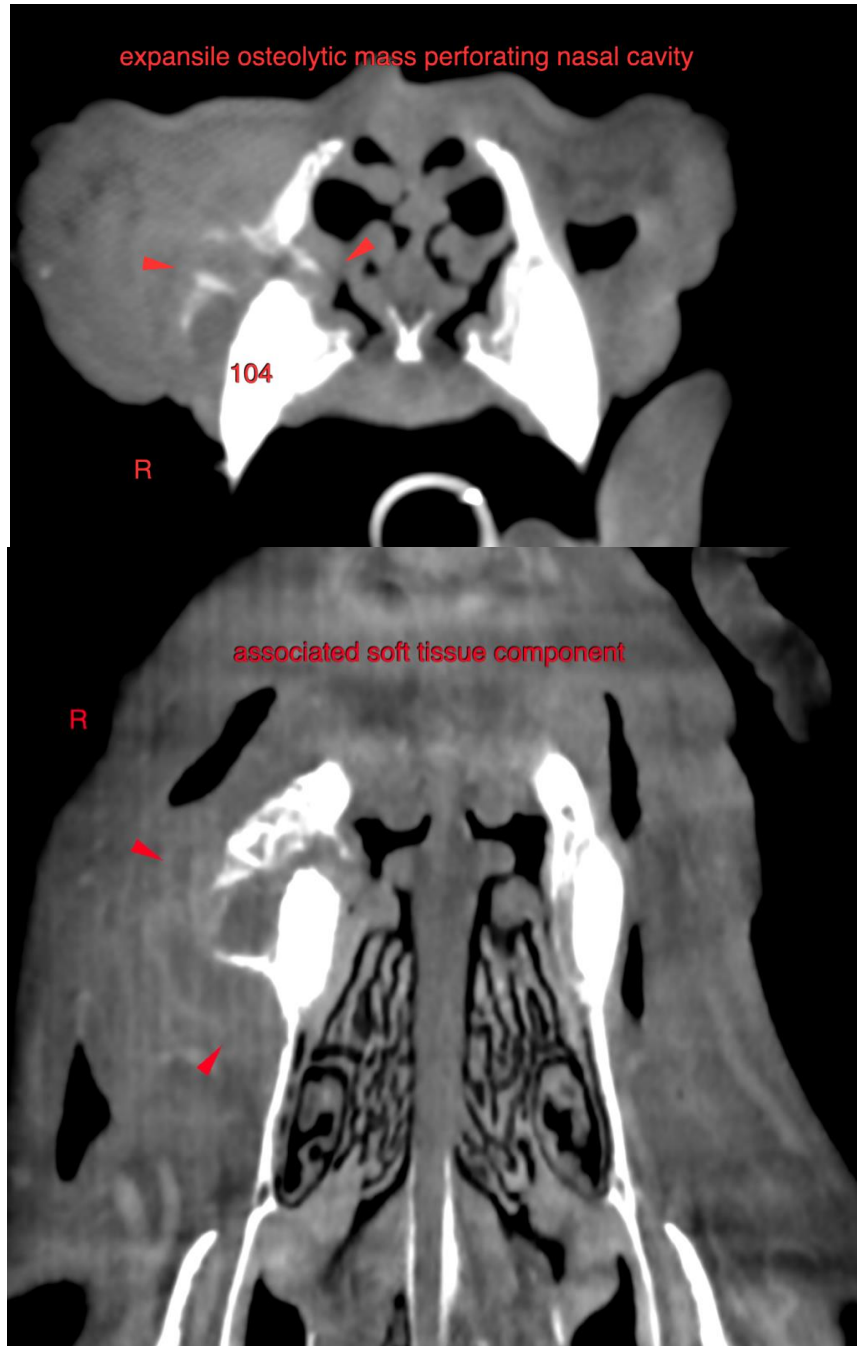
Meaux

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**DATE**

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**PATIENT**

Spirit Genet     **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.**

**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.

**BREED**

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