



**PATIENT PRESENTING CLINICAL SIGNS**

Rocky Lopez Hx of reverse sneezing that started worsening since Oct/Nov. Episode of Right epistaxis about 10 days ago but none since. Previous dental with extractions in April.

**SPECIES COMPUTED TOMOGRAPHY OF THE SKULL**

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

**COMPUTED TOMOGRAPHIC FINDINGS**

The tooth elements 101, 102, 103, 105, 201-203, 205, 206, 301, 401-403 and 411 are absent. The alveolar bone of the distal root of triadan 107 presents advanced moth eaten osteolytic lesions and is perforating the right nasal cavity. In the nasal cavity, level with the distal root of triadan 107, a mineral attenuating, small (3 mm in length) linear body is seen. A moderate amount of fluid attenuating material is appreciated in the ventral aspect of the right nasal cavity, surrounded by thickened nasal mucosal lining. Advanced destruction of the right nasal conchal & turbinate structures is visible. The right maxillary bone and horizontal plate of the right palatine bone present moth eaten osteolytic lesions.

**BREED**

Yorkie Mix

**SEX**

Intact Male

Triadan 106, 109, 207, 311, 405-408 present a moderate widening of the periodontal space. The remainder of the dentition present evidence of mild to moderate periodontal disease.

**AGE**

10 Years, 9 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.

The right mandibular lymph nodes and the right medial retropharyngeal lymph node are prominent.

**HOSPITAL NAME**

Mobile Pet Imaging

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Oronasal fistula formation triadan 107 with periodontal intranasal abscess formation and possible small sequestrum formation in the nasal cavity
- Right sided destructive rhinitis
- Polyostotic aggressive osteolytic lesions right maxillary and palatine bone
- Advanced periodontal disease
- Lymphadenopathy right mandibular and medial retropharyngeal lymph nodes

**REFERRING VET**

Meaux

**INVOICE**

52399

**DATE**

6-10-22

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The findings are consistent with periodontal abscess formation originating from triadan 107 with oronasal fistula formation and secondary destructive odontogenic rhinitis and a small isolated mineralized body within the nasal cavity – possible small sequestrum. The osteolytic lesions are considered as accompanying osteitis. Recommend extraction of the affected dental elements and revision of the intranasal abscess. Biopsy can be used to rule out malignant transformation entirely.

Reactive hyperplasia of the tributary lymph nodes.



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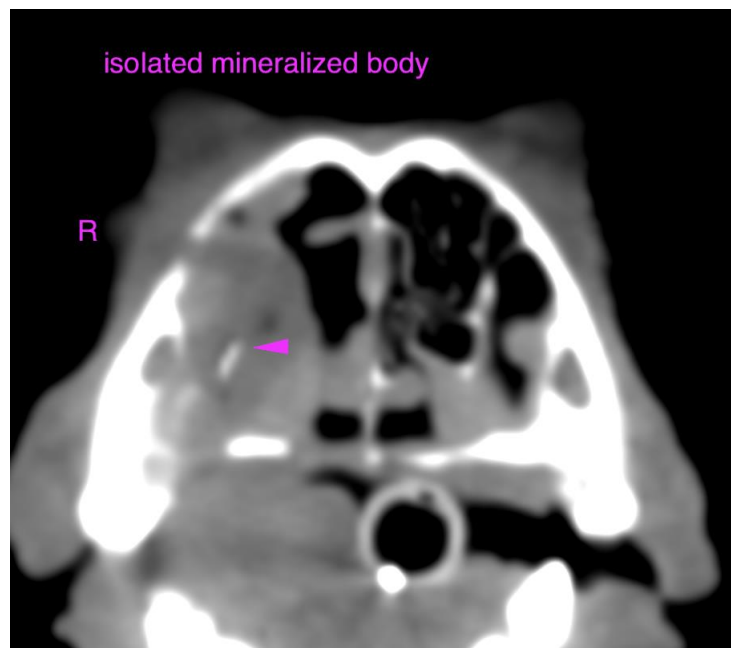
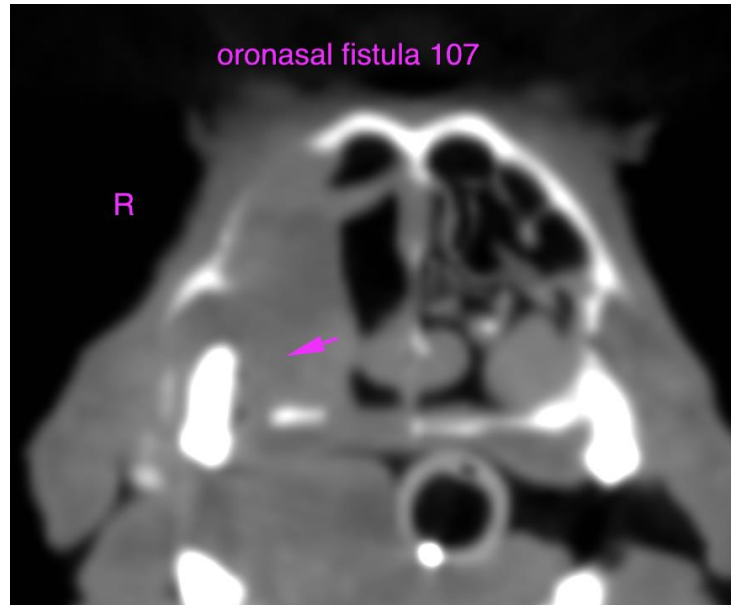
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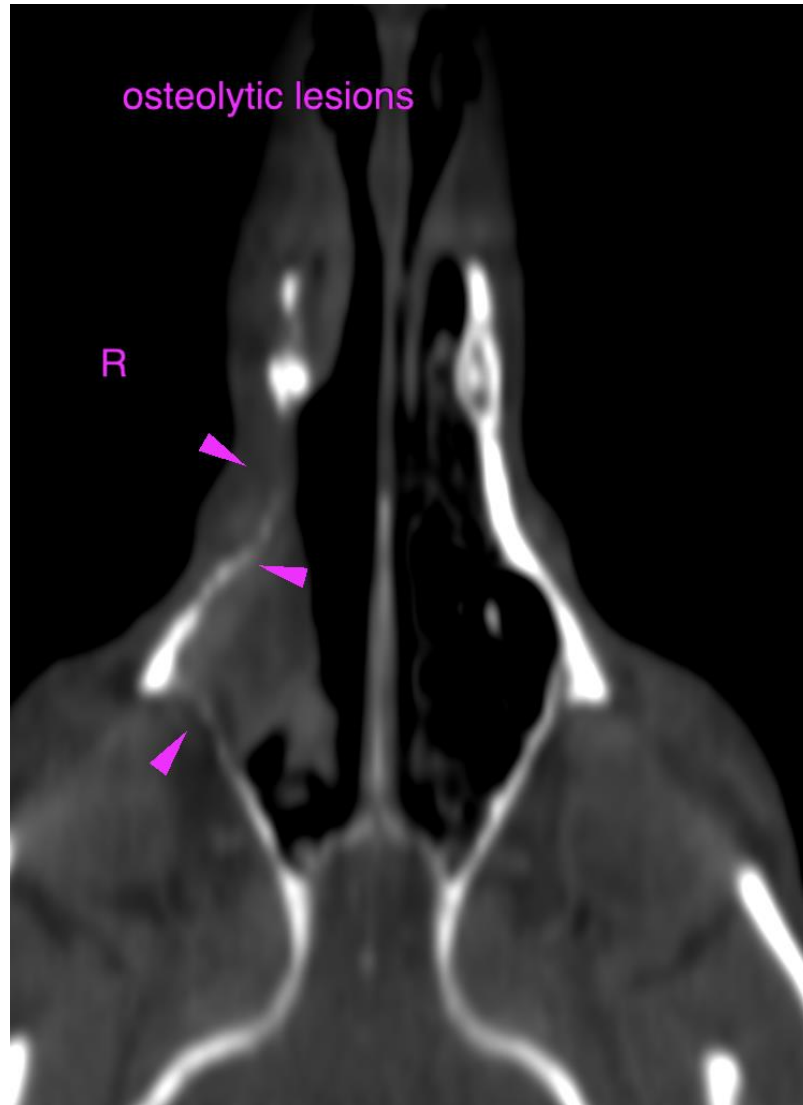
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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