



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Sadie Harrington
History of epistaxis. The dental procedure was fairly complicated in that all the teeth were severely diseased with purulent (pus) material coming out of most if not all roots. Twenty four teeth were extracted

SPECIES
Canine
Abnormal PE/Chem/CBC/UA Results: The pre-anesthetic blood work indicated Sadie is mildly anemic. The tick-borne disease test and the activated clotting time test were within normal parameters

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

COMPUTED TOMOGRAPHIC FINDINGS

The tooth elements 105-110, 205, 206, 301, 305, 401, 402, 405-407, 410 and 411 are absent. All remaining teeth in the upper and lower jaw quadrants present evidence of marked periodontal disease with widening of the periodontal space and resorptive lesions of the roots. The roots of triadan 104&204 are perforating the nasal cavity bilaterally.

In the rostroventral aspect of the nasal cavity – most accentuated level with the roots of triadan 104&204 – fluid attenuating material is attached to the nasal mucosal lining and moderate destruction of the conchal structures bilaterally is appreciated.

Both ocular bulbs present moderate mild granular mineralization of the sclera.

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

In the subcutaneous tissue at the lateral aspect of the left parotid gland, an ovoid shaped, heterogeneous fat and soft tissue attenuating lesion, measuring 2.3 x 1.4 x 2.6 cm in size is appreciated.

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.

The mandibular lymph nodes are prominent and have a heterogeneous contrast enhancement pattern.

The epaxial musculature at the right lateral aspect of C2, presents a feathered fat-attenuating zone.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Generalized advanced periodontal disease of all remaining teeth
- Oronasal fistula formation triadan 104&204
- Multiple absent teeth
- Secondary odontogenic destructive rhinitis
- Lymphadenopathy mandibular lymph nodes
- Heterogeneous fat- and soft tissue nodule lateral to the left parotid gland

INVOICE

52509

DATE

6-18-22

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Petroglyph Animal
Hospital

REFERRING VET

Amanda Espinosa



PATIENT

- Dystrophic mineralization of the sclera bilaterally

Sadie Harrington

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

The main finding is the severe periodontal disease with oronasal fistula formation of triadan 104&204 and secondary odontogenic rhinitis. The latter is a plausible explanation for the presenting clinical signs. A complete dental workup has already performed, as indicated.

Canine

Secondary reactive hyperplasia of the mandibular lymph nodes.

BREED

The heterogeneous soft tissue and fat-attenuating nodule in the subcutaneous tissue lateral to the left parotid gland can present sialolipoma, nodular fat necrosis, atypical lipomatous tumor, (liposarcoma). FNA sampling or excisional biopsy might be considered as advanced diagnostic test.

Beagle Mix

SEX

Spayed Female

AGE

13 Years

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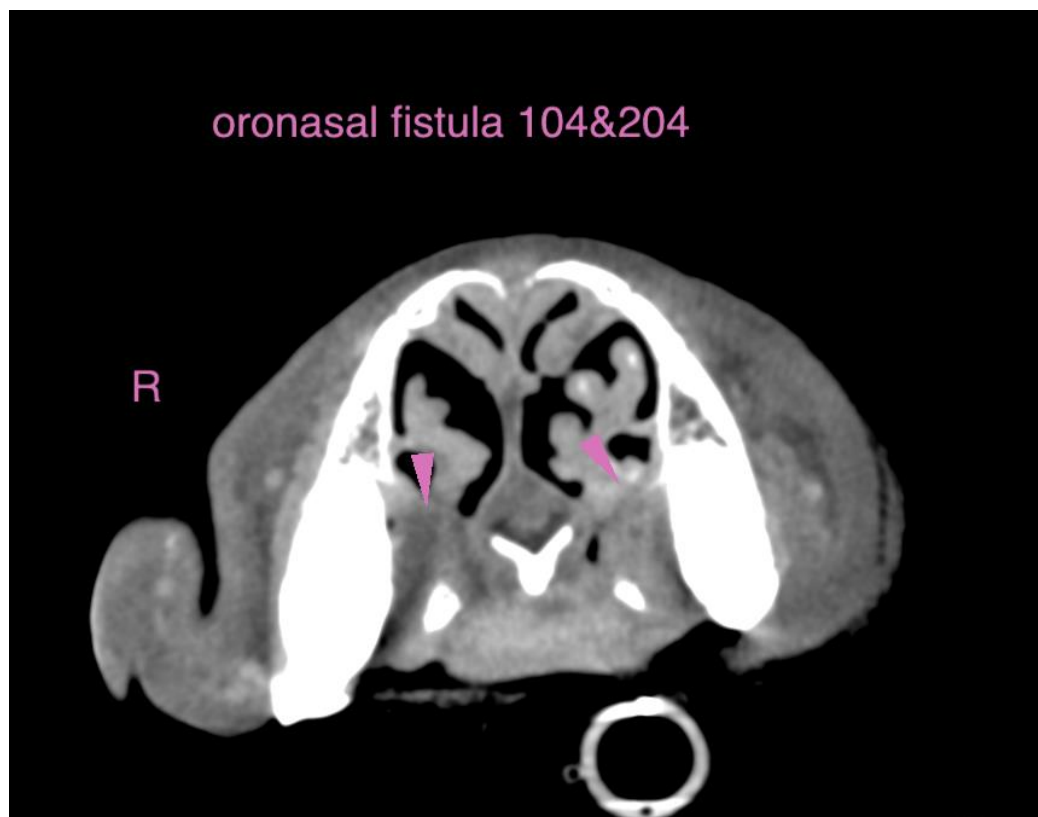
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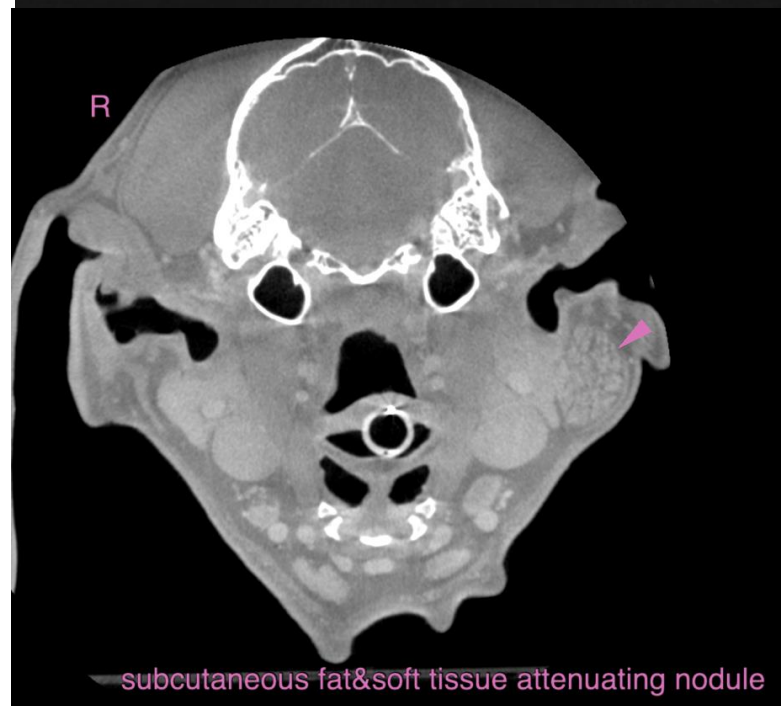
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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