



PATIENT

Channel Miskovic

SPECIES

Canine

BREED

Toy Poodle

SEX

Female

AGE

15 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Colyton Veterinary
Hospital

REFERRING VET

Chris Papantonio

INVOICE

51482

DATE

4-12-22

PRESENTING CLINICAL SIGNS

Had a dental procedure with multiple extractions back in October 2021. Although the dental was quite bad, the procedure and recovery were otherwise unremarkable. The dog returned 3 weeks later for sneezing and congestion and was placed on antibiotics which helped. Seen again in January this year for similar problem and placed on doxycycline which helped. This process has been repeated over the last few months where the dog improves on antibiotics but returns once they finish. On physical examination in Feb it was noted that the left nostril was the one that mainly had the discharge although no obvious stertor was heard, no blockage of airways when checked with mouth closed and no obvious nasopharyngeal sinus noted in oral cavity on exam. Returned today for same issue so CT scan performed. Native and post IV Contrast

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

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 auditory meatuses present within normal limits.

Mild left sided submandibular and medial retropharyngeal lymphadenomegaly is noted.

The salivary glands present within normal limits.

The dentition is incomplete. The remaining teeth all present moderate to severe periodontal changes. Severe widening of the periodontium, loss of the lamina dura, and deep alveolar bone are noted for the triadan 204 creating a dentonasal fistula with regional fluid accumulation, mucosal swelling, and turbinate destruction within the rostral and mid portion of the left nasal cavity. Regional thinning of the palatal and nasal bones is seen as well.

The right nasal cavity and both frontal sinuses present within normal limits at this point.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severe chronic periodontitis and maxillary osteitis circumferential to the triadan 204 with dentonasal fistula and regionally destructive rhinitis.
- Left sided medial retropharyngeal and submandibular lymphadenomegaly compatible with reactive lymphadenitis.
- Severe multifocal periodontal disease with atrophy of the alveolar crest in all quadrants.



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The study reveals a dentonasal fistula with regional osteitis and rhinitis circumferential to the triadan 204. Dental extraction and revision of the fistula is recommended.

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The regional lymph node changes are compatible reactive lymphadenitis.

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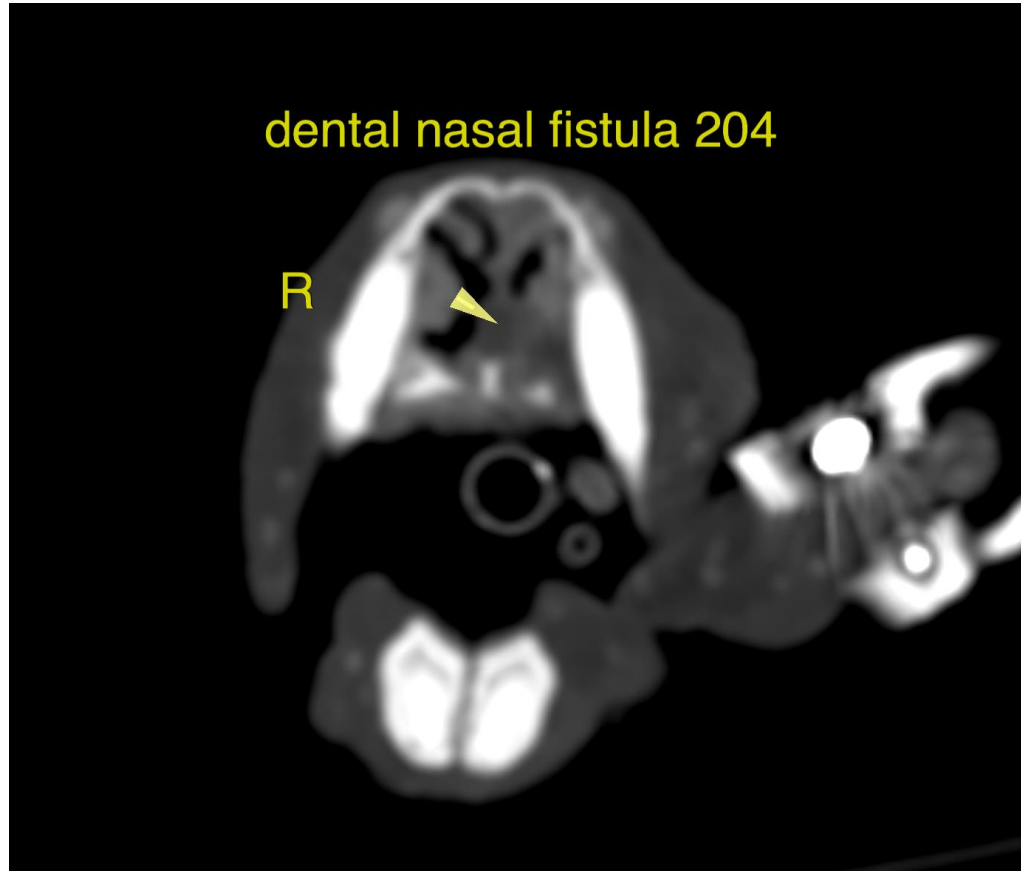
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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