



**PATIENT**

Lolyta Koukola

**PRESENTING CLINICAL SIGNS**

Chronic nasal discharge, advanced periodontal disease

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

Plain study available for review.

**BREED**

Miniature Pinscher

**COMPUTED TOMOGRAPHIC FINDINGS**

Severe multifocal periodontal disease with widening of the periodontal spaces and loss of the lamina dura is seen in all quadrants. Moderate atrophy of the alveolar crest is seen in all quadrants as well. There is a full thickness osseous defect connecting the oral cavity with the nasal cavum circumferential to the triadan 204. Regional turbinate destruction is noted as well as marked mucosal swelling and fluid accumulation within the left and also within the right nasal cavity. The changes do accentuate the left nasal cavity more so than the right nasal cavity, especially the region of the triadan 204. The left maxillary recess contains fluid attenuating material and presents swelling of its mucosal lining. There is no evidence of nasal foreign material or a soft tissue mass.

**SEX**

FS

**AGE**

16

Note the presence of the most severe periodontal changes with the triadans 109, 204, and 209. While the periodontal disease of the maxillary and mandibular incisors and the triadans 104, 105, 108, 110, 208, 210, 309, 310, 311, and 409 is considered moderate.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Moderate to severe multifocal periodontal disease with dental-nasal fistula and chronic rhinosinusitis associated with the periodontitis of the triadan 204.

**HOSPITAL NAME**

Animal Dental Clinic

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

While multiple teeth present moderate to severe periodontal changes, the ones that are considered most significant in the context of the rhinosinusitis are the periodontitis and dental-nasal fistula of the triadan 204. However, the remainder of the periodontal changes may aid triggering the nasal inflammation/infection and multiple extractions may be required.

**REFERRING VET**

Jean Battig, DVM,  
DAVDC

**INVOICE**

53051

**DATE**

7-25-22



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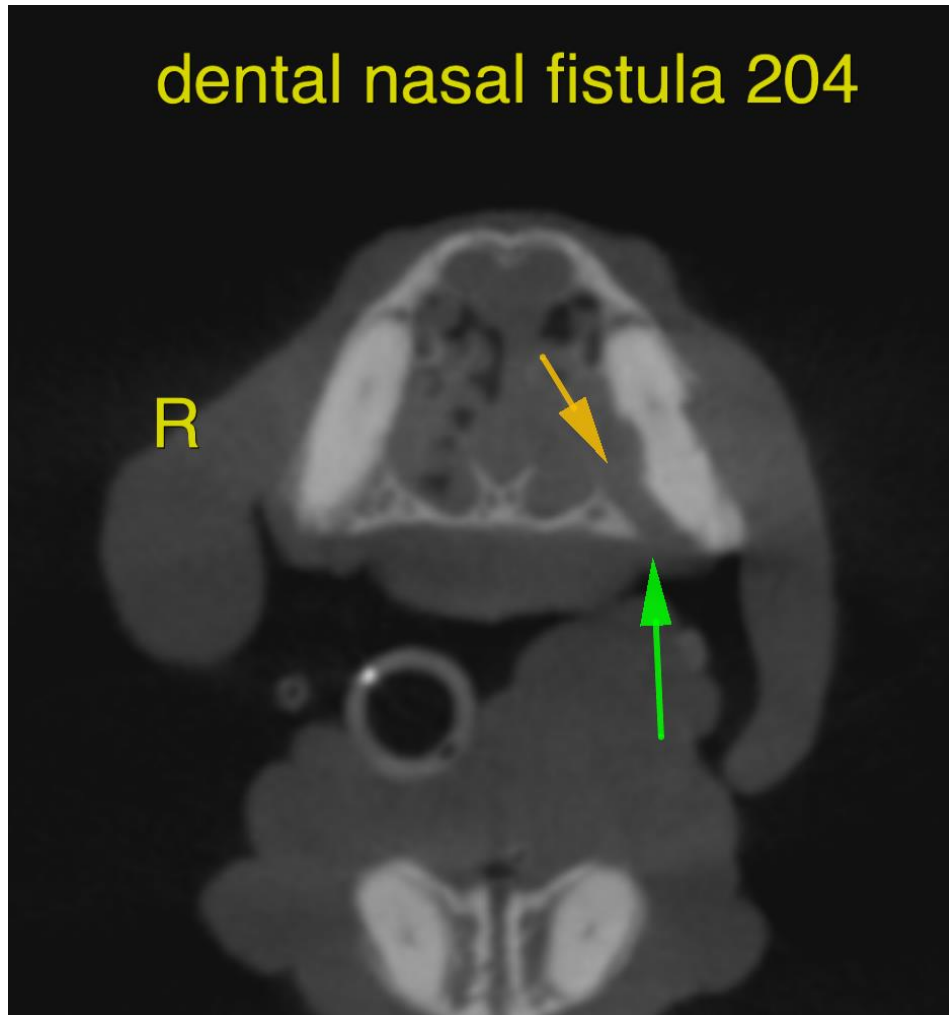
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com