



PATIENT

Miley Oberg

SPECIES

Canine

BREED

Boxer

SEX

Female Spayed

AGE

4Y, 2M

WEIGHT

23.4

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDD

IMAGING PERFORMED BY

Mountain West
Veterinary Specialists

HOSPITAL NAME

Mountain West
Veterinary Specialists

REFERRING VET

Melanie Thompson

INVOICE

74045

DATE

3-4-26

PRESENTING CLINICAL SIGNS

- Congested left nasal passage - started November.
- No air flow from left nasal passage.
- Has greenish colored discharge from Left nasal passage.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

The CT study reveals severe periodontal disease of the tooth 207 in the left maxillary arcade. Severe alveolar bone loss is seen circumferential to the palatal root of the 207 with open oronasal communication. Extensive regional turbinate destruction with hypodense granuloma formation is seen within the left nasal cavity. Fluid is accumulating ventrally in both nasal cavities.

The frontal sinuses are within normal limits.

The left maxillary recess is occupied with fluid attenuating material.

The nasal septum and nasal bones remain intact.

The left submandibular and retropharyngeal lymph nodes present mild symmetric enlargement.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Dentonasal fistula associated with the palatal root of tooth 207.
- Localized destructive rhinitis with granulomatous inflammatory tissue within the left nasal cavity secondary to the dental disease.
- Mild reactive lymphadenomegaly of the left submandibular and retropharyngeal lymph nodes.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The imaging findings support advanced dental disease involving tooth 207 with formation of an oronasal fistula. Secondary rhinitis, turbinate destruction, and suspect granuloma formation are seen within the left nasal cavity which explains the green nasal discharge and lack of air flow. Secondary bacterial infection is considered likely in light of the clinical signs.

The mild regional lymph node enlargement is compatible with reactive lymphadenopathy.

Dental extraction of tooth 207 with surgical closure of the oronasal fistula is recommended. Bacterial culture and sensitivity testing of nasal or fistula material may help guide antimicrobial therapy. Debridement of the suspect granulation tissue and lavage of the affected nasal cavity should be performed as well if not done so already.



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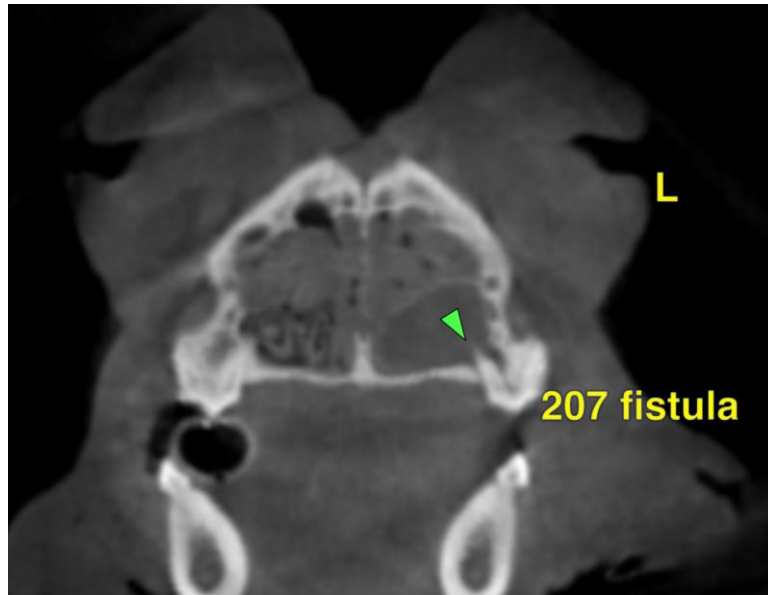
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 (Ondreka), DVM, Dr. med. vet., DipECVDI

European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,

Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.

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