
**PATIENT PRESENTING CLINICAL SIGNS**

Joey Capobianco Nasal airflow obstruction (R) nostril

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**
**SPECIES**

Plain and post-contrast studies are available for review.

Canine

**COMPUTED TOMOGRAPHIC FINDINGS**
**BREED**

Puggle

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.

**SEX**

Spayed Female

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.

**AGE**

13 Years

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

The salivary glands present within normal limits.

**INTERPRETED BY**

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

The dentition is incomplete. Triadans 301 and 401 are absent. Focal resorptive changes of the alveolar bone and dental roots are seen accentuating the triadans 104 and 204, where a significant thinning of the alveolar bone and delineation to the nasal cavities is noted.

There is a moderate amount of fluid attenuating material within both nasal cavities as well as within the left maxillary recess. No evidence of turbinate destruction, foreign material, or a soft tissue mass is seen.

**HOSPITAL NAME**

Mobile Pet Imaging  
 CFL

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Bilateral non-destructive rhinitis
- Periodontal disease and advanced tooth root as well as alveolar bone resorption of the triadans 104 and 204

**REFERRING VET**

Dr. Meaux

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with bilateral non-destructive rhinitis as well as left maxillary sinusitis. Infectious rhinitis such as viral, bacterial or parasitic is a primary differential diagnosis. Lymphoplasmacytic or allergic rhinitis cannot be ruled out but is less likely.

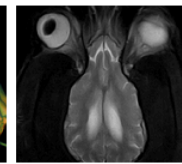
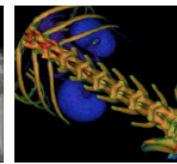
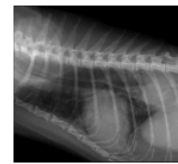
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The dental changes, especially of the triadans 104 and 204 may well contribute to the nasal pathology. Complete oronasal fistulae are not seen yet. However, the thinning of the alveolar bone is severe.

**DATE**

8/9/23



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Joey Capobianco

**SPECIES**

Canine

**BREED**

Puggle

**SEX**

Spayed Female

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13 Years

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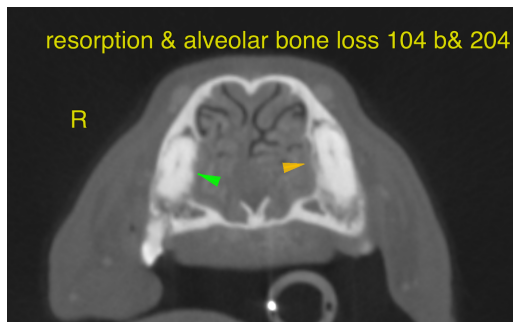
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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