

PATIENT

Jasper Lebec

SPECIES

Canine

BREED

Pug

SEX

Male Neutered

AGE

4Y, 10M

WEIGHT

15.5lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Mobile Pet Imaging

HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

Novoa

INVOICE

74475

DATE

4-6-26

PRESENTING CLINICAL SIGNS

- Jasper arrived to the hospital on 3/25/26, with frequent sniffing and snorting, expelled some mucous from nostril. Days before owner had mobile vet come look at pet because had some discharge from nose and was hard to breath for him. A course with antibiotics (Enrofloxacin) and antihistamine (Hydroxyzine) was given. Owner thinks Jasper has not really improved, except there is less mucous coming out of his nose, no coughing, but there is frequent sneezing, snorting, and sniffing. Was added Amoxicillin clavulanate (62.5 mg) 1 tablet PO BID for 10 days but the symptoms remain. CT was indicated to find the cause of the chronic nasopharyngeal symptoms.

Abnormal PE/Chem/CBC/UA Results: PE: T 99.8 F, HR 73, RR 30, MM Pink, CRT <2 seg. H/L: WNL. Dental Calculus (2/4), Nasal discharge. Bloodwork (4/2/26). CBC: WNL. CHEM: ALT 208 U/I (0 - 120), ALP 201 U/I (0 - 140).

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Grade 2 stenosis of the bilateral nares related to brachycephalic anatomy is seen. There is leftward deviation of the nasal septum.

Facial bones are shortened consistent with brachycephalic conformation.

Reduced number and coiling of turbinates consistent with brachycephaly are seen. Retrograde turbinate growths are noted on the left mildly. Mild bilateral mucosal swelling is seen in the nasal cavities. Polypoid mucosal projections are seen in the left nasal choana and nasopharynx which are small in size. The frontal sinuses are absent which is typical in brachycephalic dogs.

Severe periodontal space widening affecting triadans 106, 107, 108, and 109 is seen. Moderate involvement in dental disease of the 209 is present.

Mild enlargement of the bilateral submandibular and retropharyngeal lymph nodes is noted.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Brachycephalic airway related nasal stenosis and turbinate abnormalities.
- Small polypoid mucosal growths in left choana and nasopharynx – possible nasopharyngeal polyps or chronic inflammatory hyperplasia.
- Mild reactive lymphadenopathy of the bilateral submandibular and retropharyngeal lymph nodes.
- Severe chronic periodontal disease accentuating 106-109 and 209 – likely contributing to local inflammation.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are consistent with brachycephalic airway related stenosis and turbinate abnormalities. There is also evidence of nondestructive rhinitis.

Small polypoid mucosal growths are seen in the left nasal choana and left nasopharynx which likely represent small nasopharyngeal polyps or chronic inflammatory hyperplasia.



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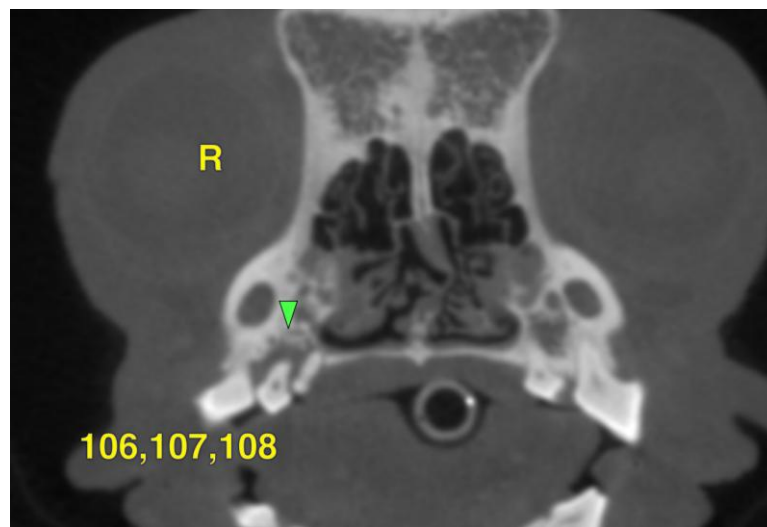
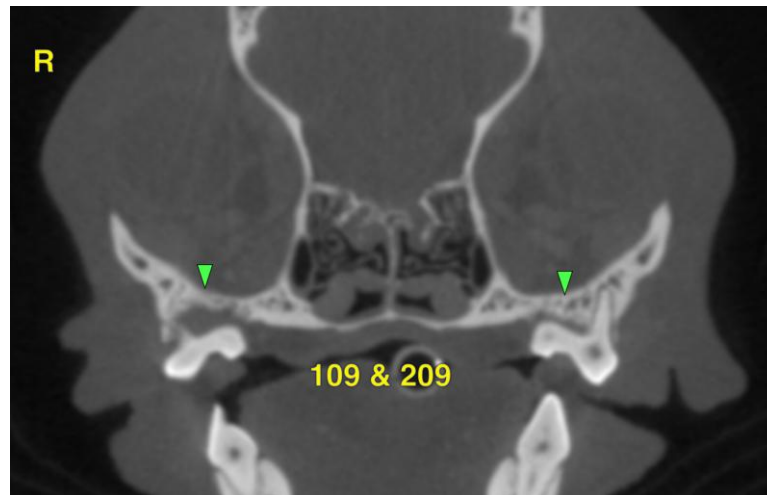
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The severe dental disease may be contributing to local inflammation. Evidence of oronasal communication is not present at this point.

Mild reactive lymphadenitis appears to be present bilaterally in the submandibular and retropharyngeal lymph nodes.

ENT evaluation for potential polyp removal and/or further management of nasopharyngeal lesions is recommended. Consider dental assessment and treatment as well. Supportive care for brachycephalic airway obstruction such as weight management, humidified, and cool environments.





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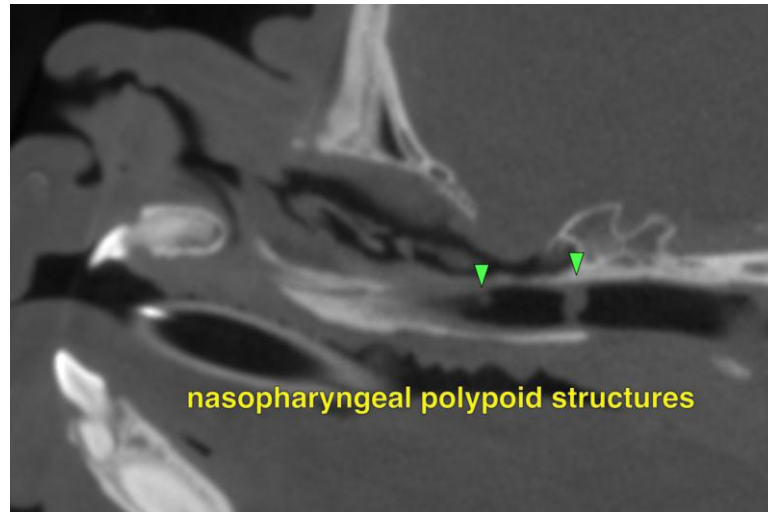
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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