



**PATIENT**

Brady Genereux

**SPECIES**

Canine

**BREED**

Yorkshire Terrier

**SEX**

Neutered Male

**AGE**

10 Years, 6 Months

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Aloha Pet & Bird  
Hospital

**REFERRING VET**

Mclaughlin

**INVOICE**

48153

**DATE**

11-2-21

**PRESENTING CLINICAL SIGNS**

CHRONIC SNEEZING OVER LAST FEW WEEKS; ONE DAY OF EPISTAXIS, BILATERAL, RESOLVED IN 24HRS; CT- SUBJECTIVE LOSS OF TURBINATES IN RIGHT NASAL CAVITY, RADIOLOGY REPORT PENDING; UNABLE TO VIEW NASAL CAVITY OF RHINOSCOPY IN RIGHT, NORMAL APPEARING TISSUE LEFT; CULTURE SAMPLED FROM RIGHT NASAL CAVITY; HISTOPATHOLOGY SAMPLING TISSUE FROM LEFT, LIMITED TISSUE AVAILABLE FROM RIGHT NASAL CAVITY.

**COMPUTED TOMOGRAPHY OF THE SKULL**

A high resolution pre- and post-contrast CT study of the skull is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

The tooth elements 103, 108, 301, 306, 311, 406 and 411 are absent. A mild to moderate horizontal bone loss is present in all jaw quadrants.

In both nasal cavities, a mild to moderate amount of non-contrast enhancing soft tissue material is attached to the nasal mucosal lining. Mild to moderate destruction of the nasal conchal structures is present.

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 ear canals are within normal limits.

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

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.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Destructive rhinitis
- Generalized horizontal bone in all jaw quadrants due to periodontal disease
- Multiple absent teeth

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The computed tomographic findings are compatible with chronic destructive non-specific rhinitis and immune-mediated (most common form would be lymphocytic-plasmocytic or eosinophilic) rhinitis ± bacterial superinfection would be most common. There is no evidence of oronasal fistula formation or other pathology explaining the clinical signs. Rhinoscopy with sampling for biopsy and microbial culture has already been performed.

There is no evidence of underlying malignant disease.



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A complete dental workup might be beneficial to rule out periodontal disease triggering the rhinitis, although no macroscopic oronasal fistula formation is appreciated.

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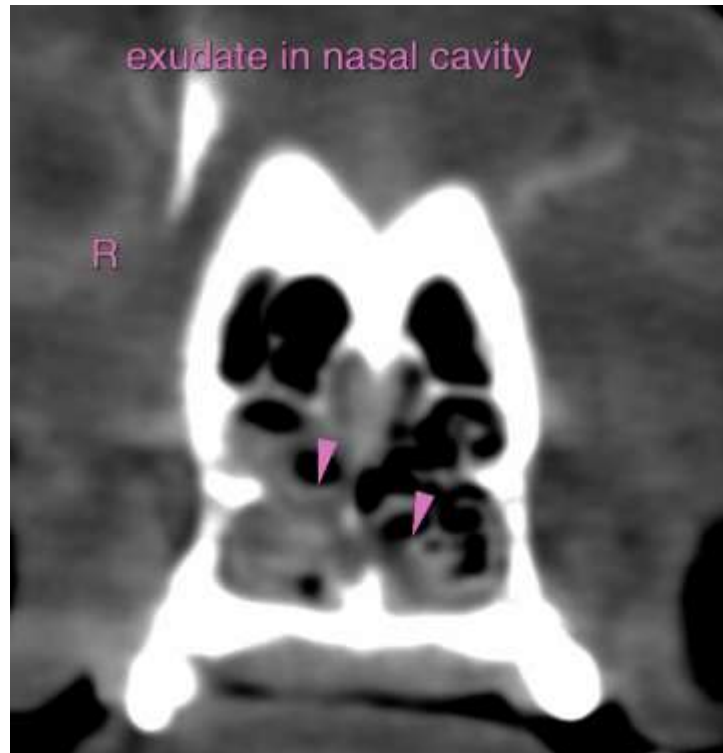
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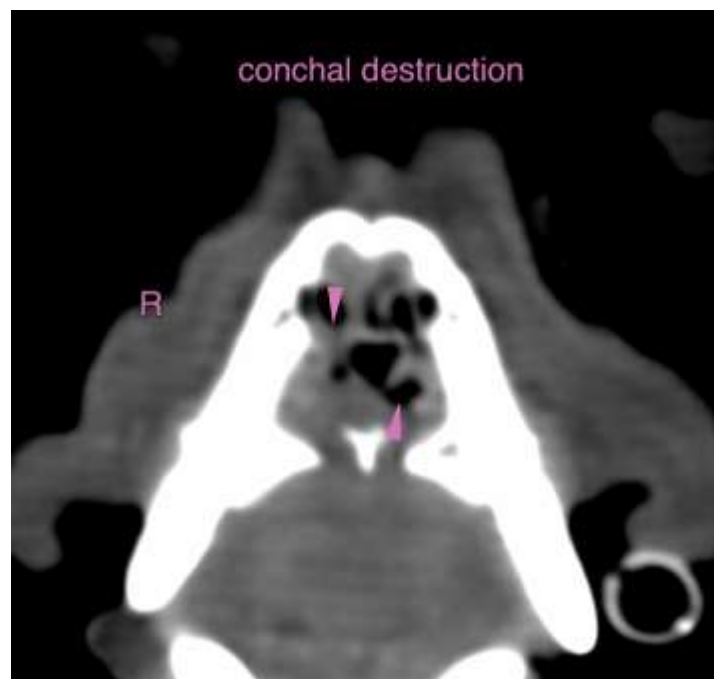
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

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