



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT**  
Lizzie Walker

**SPECIES**  
Canine

**BREED**  
Boxer Mix

**SEX**  
Spayed Female

**AGE**  
13 Years, 1 Month

**INTERPRETED BY**  
Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

O states they had gotten pt teeth cleaned. O states about 3wks later they noticed grey nasal discharge from pt left nostril. O noticed open area along pt gumline. O states no teeth extracted initially. O states after drainage was noticed pt was sedated again by rDVM and teeth extracted. O states pt dx with oronasal fistula. O states pt has had to be sedated twice for the oronasal fistula due to continued problems. O states pt has been on antibiotics and steroids and still remains on medications. O states rDVM referred pt to come to Neel yesterday for the nasal drainage become pink tinged. O states today pt has been sneezing bloody nasal discharge. O states pt is E/D/U/D normal.

Abnormal PE/Chem/CBC/UA Results: ALKP 258U/L ALT 203U/L BUN/UREA 29mg/dL WBC 16.93K/uL NEUT 12.74K/uL EOS 0.03K/uL all other blood values within normal limits.

**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 caudal aspect of the skull is cropped by the field of view.

The tooth elements 101, 205-207, 301, 302, 402, 403 and 405 are absent. Triadan 105, 106, 108 and 109 present a significantly widened periodontal space and the roots of triadan 105 and 106 are perforating the right nasal cavity. Level with triadan 105-107 a moderate soft tissue swelling is seen in the ventral nasal meatus. Triadan 102 presents a moderate widening of the periodontal space. The alveolar process of the left maxillary bone presents multiple defects with perforation of the nasal cavity – covered by gingiva.

Moderate destruction of the nasal conchal structures is appreciated, L>>R.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Advanced periodontal disease 105, 106, 108 and 109 with oronasal fistula formation triadan 105 – 107
- History of left sided oronasal fistula formation
- Secondary destructive odontogenic rhinitis
- Multiple absent teeth, see above

**REFERRING VET INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Dr Ellen Domnick

The CT study is consistent with right sided oronasal fistula formation of triadan 105-107 and periodontal granuloma/abscess formation of triadan 108&109. The defects of the alveolar bone in the left upper jaw quadrant are covered by gingiva. Recommend complete dental workup, with extraction of the affected teeth.

**INVOICE**

55698

**DATE**

12-19-22



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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.

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