



**PATIENT PRESENTING CLINICAL SIGNS**

**Daisy Figueroa** History: Bleeding right nostril today history of E.canis positive January 2021 eval eye larger than usual for about a month. tonometry: OD 15/13/10; OS 9/10/15stain negative OU R/O E.canis active recommended CT r/o mass EyesOD large ocular globe, white opacity, with iris defect menace negativeOS cataract development menace positive Musculoskeletal muscle atrophy hind legs.

**SPECIES**

**Canine** Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CBC --- Chloride, Total Protein, Bilirubin Total and GLOB mild increased 4Dx --- ehrlichiosis positive

**BREED COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

**Female** The tooth elements 101, 102, 105, 110, 201-203, 205 and 311. Triadan 104 and 204 present a moderate to marked widening of the periodontal space, tooth root resorption and perforation of the nasal cavity with associated focal moderate intranasal soft tissue swelling. The apex of the root of triadan 103 is perforating the nasal cavity. Moderate destruction of the conchal structures is present.

**AGE**

**14 Years** The left palatine bone level with 205-207 presents advanced moth eaten osteolytic lesions.  
The remainder of the dentition present evidence of moderate periodontal disease.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

The volume of the right ocular bulb is moderately increased. The lens of the right ocular bulb is not appreciated. A mild mineralized structure is visible in the caudoventral aspect of the right ocular bulb – without the vitreous chamber.

**HOSPITAL NAME**

Veterinary Image  
Center

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**REFERRING VET**

Dr. J. Walker

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 mandibular lymph nodes are prominent with a heterogeneous contrast enhancement pattern.

**INVOICE COMPUTED TOMOGRAPHIC DIAGNOSIS**

- 13081**
- Generalized advanced periodontal disease with oronasal fistula formation 103, 104 and 204
  - Secondary destructive rhinitis

**DATE**

9/14/21



**PATIENT**

Daisy Figueroa

- Suspect posterior luxation of the lens right ocular bulb
- Right sided macrophthalmia
- Reactive hyperplasia of the mandibular lymph nodes
- Multiple absent teeth, see above

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The dental disease with oronasal fistula formation is explaining the history of epistaxis/nasal discharge. A complete dental workup with extraction of the affected teeth is the therapy of choice.

**BREED**

Mixed Medium Breed

No specific underlying cause for the right sided microphthalmos is appreciated, but possible caudal luxation of the lens. The most likely cause for macrophthalmia would be glaucoma – but IOP was normal regarding the history.

**SEX**

Female

**AGE**

14 Years

**INTERPRETED BY**

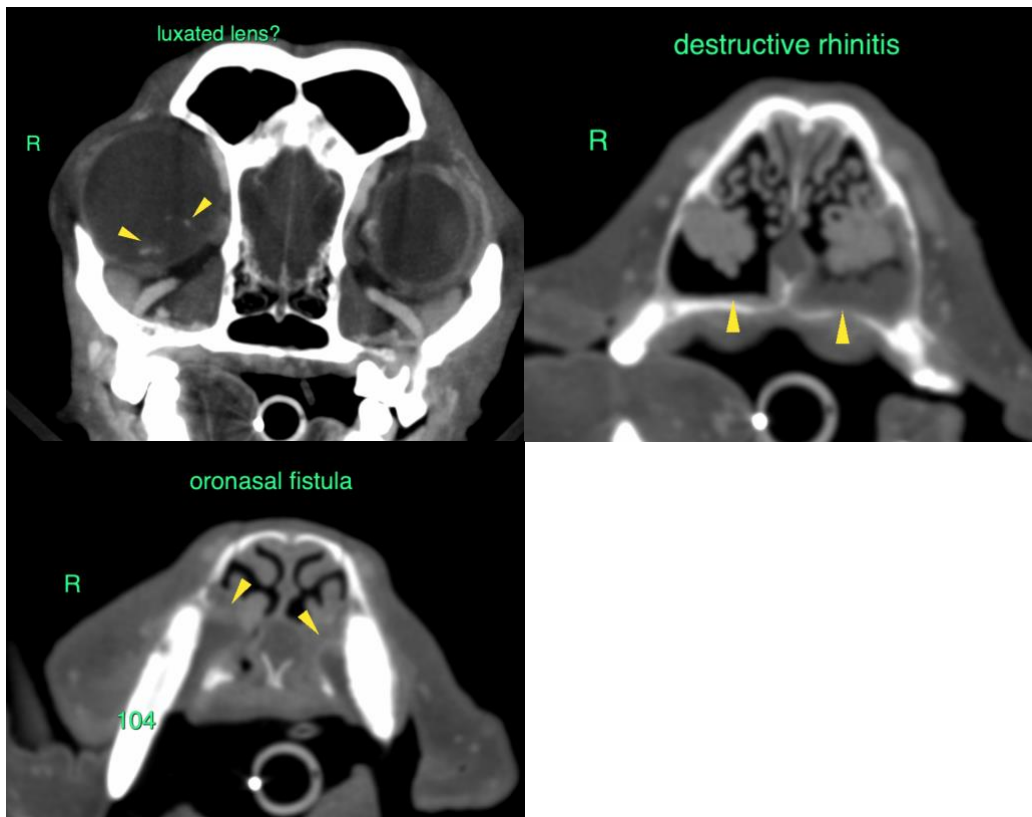
Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDD

**HOSPITAL NAME**

Veterinary Image  
Center

**REFERRING VET**

Dr. J. Walker



**INVOICE**

13081

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.

**DATE**

9/14/21

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if



**PATIENT** I can be of any further assistance please contact me.

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

**SPECIES**

Canine

**BREED**

Mixed Medium Breed

**SEX**

Female

**AGE**

14 Years

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

**HOSPITAL NAME**

Veterinary Image  
Center

**REFERRING VET**

Dr. J. Walker

**INVOICE**

13081

**DATE**

9/14/21