



**PATIENT PRESENTING CLINICAL SIGNS**

Sandy Knudsen History: 1.5 year history of nasal discharge.  
 Abnormal PE/Chem/CBC/UA Results: Neutrophilia, moderately increased ALP.

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

Canine A high resolution pre- and post-contrast CT study of the skull dated 6/1/20 and a plain CT study of the skull dated 10/1/21 are provided for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Shepherd Mix 6/1/20

**SEX** Triadan 308 is absent.

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

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

**INTERPRETED BY** 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.

Sebastian Schaub, DVM Dr. med. vet. DipECVDI 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.

**HOSPITAL NAME** 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.

Animal Health Care Denver 10/1/21

**REFERRING VET** There is progressive destruction of the nasal conchal structures in comparison to the previous CT study; a mild to moderate amount of soft tissue attenuating material is noted between the conchal structures and the frontal sinuses.  
 Cathryn Sayer

**INVOICE** No additional findings.

14207 **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Progressive destructive rhinitis

**DATE**

11/4/21



**PATIENT** • Absent triadan 308

Sandy Knudsen

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SPECIES**

Canine

The computed tomographic findings are compatible with chronic non-specific rhinitis. Due to the chronicity of clinical signs, immune-mediated (most common form would be lymphocytic-plasmacytic or eosinophilic) rhinitis ± bacterial superinfection. The changes noted are not typical of fungal rhinitis or a foreign body related rhinitis. There is no evidence of neoplastic disease. Rhinoscopy with sampling for biopsy can be used as an advanced diagnostic test.

**BREED**

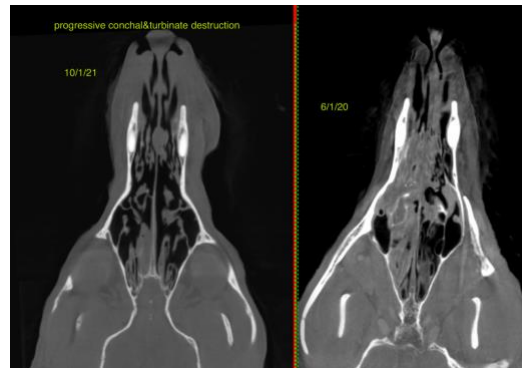
Shepherd Mix

**SEX**

Spayed Female

**AGE**

10 Years



**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.**

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

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.

**HOSPITAL NAME**

Animal Health Care  
Denver

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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**REFERRING VET**

Cathryn Sayer

**INVOICE**

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**DATE**

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