



**PATIENT PRESENTING CLINICAL SIGNS**

Emma McKenna Left nasal discharge, fungal serology pending. Hx of seizures, had MRI performed. Abnormal PE/Chem/CBC/UA Results: Sutures from recent nares Sx present.

**SPECIES COMPUTED TOMOGRAPHY OF THE SKULL**

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

**COMPUTED TOMOGRAPHIC FINDINGS**

The tooth elements 305, 310, 311, 405, 410 and 411 are absent. Rotation of the maxillary buccal teeth is present, due to brachycephalic conformation of the skull.

**BREED**

French Bulldog A small amount of fluid attenuating material is attached to the nasal mucosal lining. Mild destruction of the nasal conchal structures is appreciated. The soft palate is moderately thickened.

**SEX**

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

Spayed Female

Both tympanic bullae are filled with non-contrast enhancing soft tissue material, the osseous lining is smooth and breed specific thickened.. The horizontal segment of the right external ear canal is collapsed, mild mineralization of the external ear canals is appreciated.

**AGE**

11 Years

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.

**INTERPRETED BY**

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.

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

Mild punctuate mineralization of the mandibular salivary gland is appreciated.

**HOSPITAL NAME**

Mobile Pet Imaging

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Mild destructive rhinitis
- Thickened soft palate
- Stenotic right external ear canal
- Mild dystrophic mineralization external ear canals
- Otitis media bilaterally

**REFERRING VET**

Meaux

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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The computed tomographic findings are compatible with destructive rhinitis and an underlying cause is not appreciated (e.g. oronasal fistula) and the presumptive diagnosis is non-specific rhinitis – such as lymphocytic plasmocytic, eosinophilic ± 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 including biopsy can be used as advanced diagnostic tool.

**DATE**

9-8-22



**PATIENT**

Emma McKenna

**SPECIES**

Canine

**BREED**

French Bulldog

**SEX**

Spayed Female

**AGE**

11 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
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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.

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