



**PATIENT PRESENTING CLINICAL SIGNS**

**Petey White** Right nare has been runny since about April 2022. Inside of nare appears to be thickened and ulcerated, pigment and hair loss below right nare.

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

**Canine** Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED** The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

**Mixed**

**SEX**

**Neutered Male**

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact. Mildly irregular outline of the surface of the nasal planum is seen in the right nare as well as mildly decreased attenuation of the underlying soft tissues of the right nare on the post-contrast study. The changes are accentuated in the rostral part of the lateral wing of the alar cartilage.

**AGE**

**4 Years**

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

**INTERPRETED BY**

**Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI**

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

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.

The salivary glands present within normal limits.

**HOSPITAL NAME**

**Mobile Pet Imaging**

The visible dentition is within normal limits.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**REFERRING VET**

**Meaux**

- Irregular outline and regionally decreased perfusion of the right nare.
- Normal intranasal anatomic relationships.
- No evidence of regional lymphadenomegaly.

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

**53489**

**DATE**

**8-16-22**

The CT study reveals mild soft tissue irregularity localized to the lateral and rostral aspect of the right nare. No evidence of "intranasal" pathology is seen. Differential diagnosis includes neoplasia of the nasal planum such as squamous cell carcinoma which is by far the most common neoplasia in the nasal planum. Lymphosarcoma, fibrosarcoma, hemangioma, melanoma, mast cell tumor, and fibroma have been described too. Non-neoplastic conditions of the nasal planum include eosinophilic, granuloma, and immune mediated disease. Prior trauma and regional necrosis are other non-primary possibilities. Further definition by means of tissue sampling could be considered depending on the clinical



**PATIENT** presentation.

Petey White This is likely anatomic variation. Technically, a normal looking nose can be early infected fungal, bacterial, or other. However, I do not see structural changes supporting it and I am not aware of any descriptions of it.

**SPECIES**

Canine

**BREED**

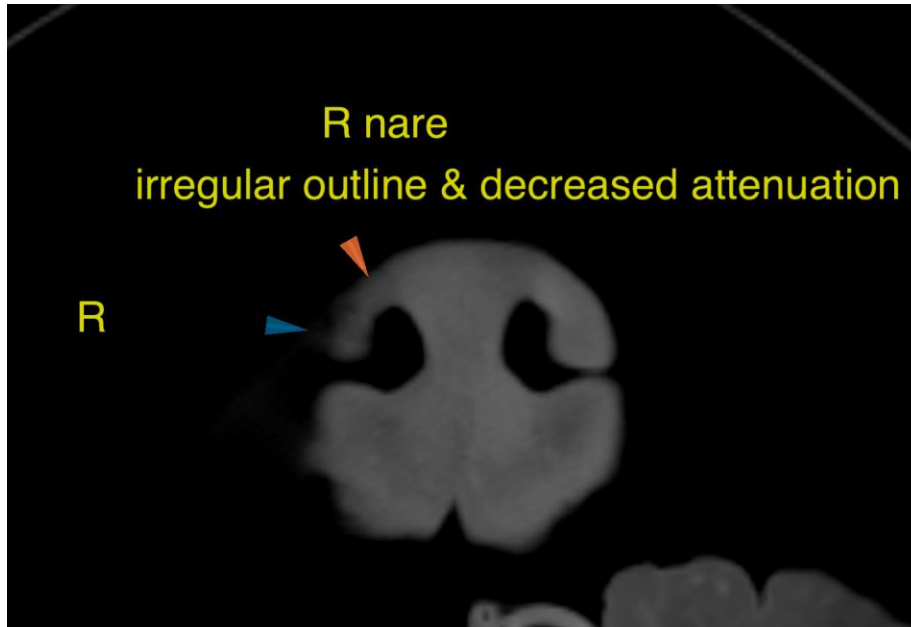
Mixed

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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.

**HOSPITAL NAME**

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.

Mobile Pet Imaging

**REFERRING VET**

Meaux

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