



**PATIENT PRESENTING CLINICAL SIGNS**

Blade Orozco Intermittent chronic epistaxis. Hx of meningoencephalitis (normal neuro exam today). Multiple cutaneous small masses (Hx of cutaneous HSA).

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Canine Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED** Bilaterally symmetric linear mineralizations of the cutaneous and muscular fascial planes are seen.

American Bulldog Mix 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.

**SEX**

Neutered Male Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact. Minimal fluid accumulation is seen within the ventral nasal concha in the rostral third of the right and caudal third of the left nasal cavity.

**AGE**

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

**INTERPRETED BY**

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.

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

The visible dentition is within normal limits.

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Meaux

- Normal CT findings of the brain.
- Normal CT findings of the nasal cavities and paranasal sinuses except for mild fluid accumulation.
- Calcinosis cutis and muscularis.

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

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The CT presentation of the brain is within normal limits at this point. No structural evidence of meningeal abnormality was found.

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The nasal cavities and frontal sinuses present within normal limits as well except for minimal fluid accumulation which may represent nasal secretions and/or hemorrhage. No structural changes are noted within the nasal passages that would explain the clinical signs of the patient. The possibility of



**PATIENT** systemic hypertension, coagulopathy, or paraneoplastic syndrome should be considered.

**Blade Orozco** The calcinosis may be an incidental finding. It may, however, be an expression of systemic hypercalcemia, hyperadrenocorticism, or other metabolic/endocrine disease. Consider full internal medicine workup.

**SPECIES**

Canine

**BREED**

American Bulldog Mix

**SEX**

Neutered Male

**AGE**

10 Years

**INTERPRETED BY**

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

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**

Mobile Pet Imaging

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.

**REFERRING VET**

Meaux

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