


**PATIENT PRESENTING CLINICAL SIGNS**

Blake Bustillo Serosanguinous fluid from left nostril, weight loss, 103.6 consistent temp, nonresponsive to antibiotics, suspect mass. No discharge appreciated prior nor during CT.

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Canine The muscles are symmetrically developed, and uniform contrast enhancement is present. Eyes, orbit and retrobulbar region appear physiological.

**BREED**

Bulldog Mix The bony structures are within normal limits. Both frontal sinuses are air filled. The dental arcades appear physiological

**SEX**

Spayed Female Both rostral nostrils are air filled; their centro-caudal aspect is occluded bilaterally. The nasal turbinates are present on both sides; level with the canine tooth on the left they are partially obscured by mucosal thickening which is surrounded by fluid. In the most rostral aspect of the left nasal chamber the turbinates are ventrally less numerous compared to the right; the maxillary recesses are air filled. The nasal septum is intact and centrally slightly deviated to the left.

**AGE**

12 Years 5 Months The tympanic bullae are aerated, the mucosal lining is not seen and the bony wall is smooth and thin. The cochlea is well outlined on both sides. Both horizontal ear canals show calcification of thickened walls, both contain air. The brain has a normal anatomy, symmetry and distribution of contrast enhancement.

**INTERPRETED BY**

Lymph nodes as well as salivary and thyroid glands appear physiological.

Heike Rudolf, DVM, Dr.  
 med. Vet., DipECVDI  
 DVR

The soft palate ends level with the epiglottis and appears of physiological thickness.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**
**HOSPITAL NAME**

Left rostral nose

Mobile Pet Imaging

- localized mucosal thickening
- localized fluid accumulation
- rostro-ventral turbinate destruction, localized

**REFERRING VET**

Incidental finding

Dr. Meaux

- Bilateral otitis externa with calcification
- Bilateral rostral nasal occlusion

**INVOICE**
**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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The changes are compatible with rhinitis. Reduction of turbinate structures are seen with destructive rhinitis, either viral or fungal; however, small changes may be congenital in origin. The most common fungus is aspergillus and fungal plaques/aspergillomas may be visible with rhinoscopy. Aspergillus

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**PATIENT**

Blake Bustillo

organisms can be cultured from a tissue biopsy. The fungus is not usually seen in the nasal discharge but may be recovered by flushing the nasal cavity. Antibodies tests against Aspergillus must be interpreted with caution but can be used to support the diagnosis of the disease. Both viral and fungal rhinitis can be associated with secondary, bacterial infection.

**SPECIES**

Canine

Occlusion of the caudal nares may be part of the BOAS syndrome, can be due to fluid retention or a due to a mixture of both.

**TECHNICAL COMMENTS**

**BREED**

Bulldog Mix

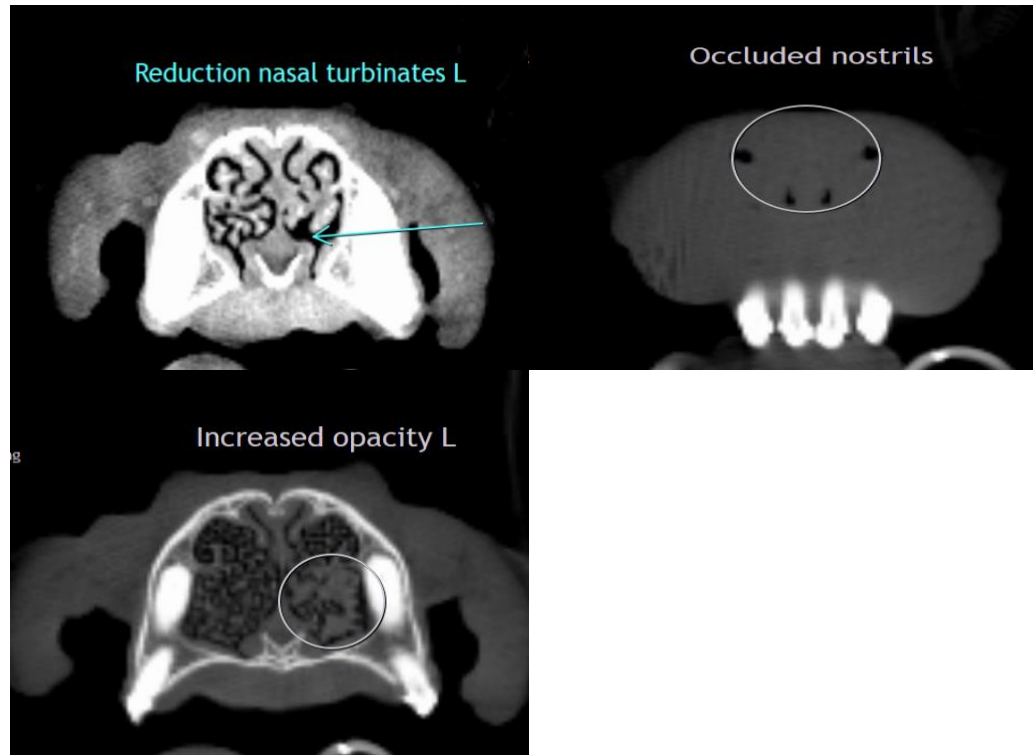
Streak artefacts due to pulsoximimeter.

**SEX**

Spayed Female

**AGE**

12 Years 5 Months



**INTERPRETED BY**

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Mobile Pet Imaging

**REFERRING VET**

Dr. Meaux

**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.**

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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.

**Heike Rudolf**, DVM, Dr. med. vet., DipECVDI, DVR  
dr.h.rudorf@gmail.com

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**PATIENT**

Blake Bustillo

**SPECIES**

Canine

**BREED**

Bulldog Mix

**SEX**

Spayed Female

**AGE**

12 Years 5 Months

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