



**PATIENT PRESENTING CLINICAL SIGNS**

Mara Maria Botero Presented for evaluation of left-sided epistaxis

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

**SPECIES**

Plain and post-contrast studies available for review.

Canine

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

Mixed

Extensive turbinate destruction is noted throughout all parts of the left nasal cavity creating the impression of an empty nose. The nasal septum is interrupted within the mid third of the nasal cavities. Mild right sided regional turbinate destruction and mucosal swelling are noted. The mucosal lining of the remaining nasal turbinates and osseous lining of the left nasal cavity is seen and blends into left frontal sinus mucosal swelling as well as a mix of permeative lysis and mild hyperostosis of the external and internal laminae of the left frontal sinus. The right frontal sinus presents within normal limits.

**SEX**

FS

A longitudinal osseous defect is seen between the left nasal and maxillary bones over a distance of approximately 4 cm. The cribriform plate is intact.

**AGE**

7 Years

The left medial retropharyngeal lymph node is mildly enlarged.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Severe chronic left sided destructive rhinosinusitis with extension into the right nasal cavity.
- Osseous defect of the left nasal cavity onto the dorsum of the nose.
- Mild left medial retropharyngeal lymphadenomegaly.

**INTERPRETED BY**

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

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with severe chronic fungal rhinosinusitis. Most of the changes are limited to the left nasal cavity however interruption of the nasal septum and early extension of the destructive pathology into the right nasal cavity is noted as well.

**HOSPITAL NAME**

Mobile Pet Imaging

The presence and length of the osseous defect in the dorsal contour of the osseous lining of the left nasal cavity are remarkable. The cribriform plate however is intact at this point.

**REFERRING VET**

Seraydar

The lymph node changes are mild and compatible with reactive lymphadenitis.

**INVOICE**

55707

**DATE**

12-19-22



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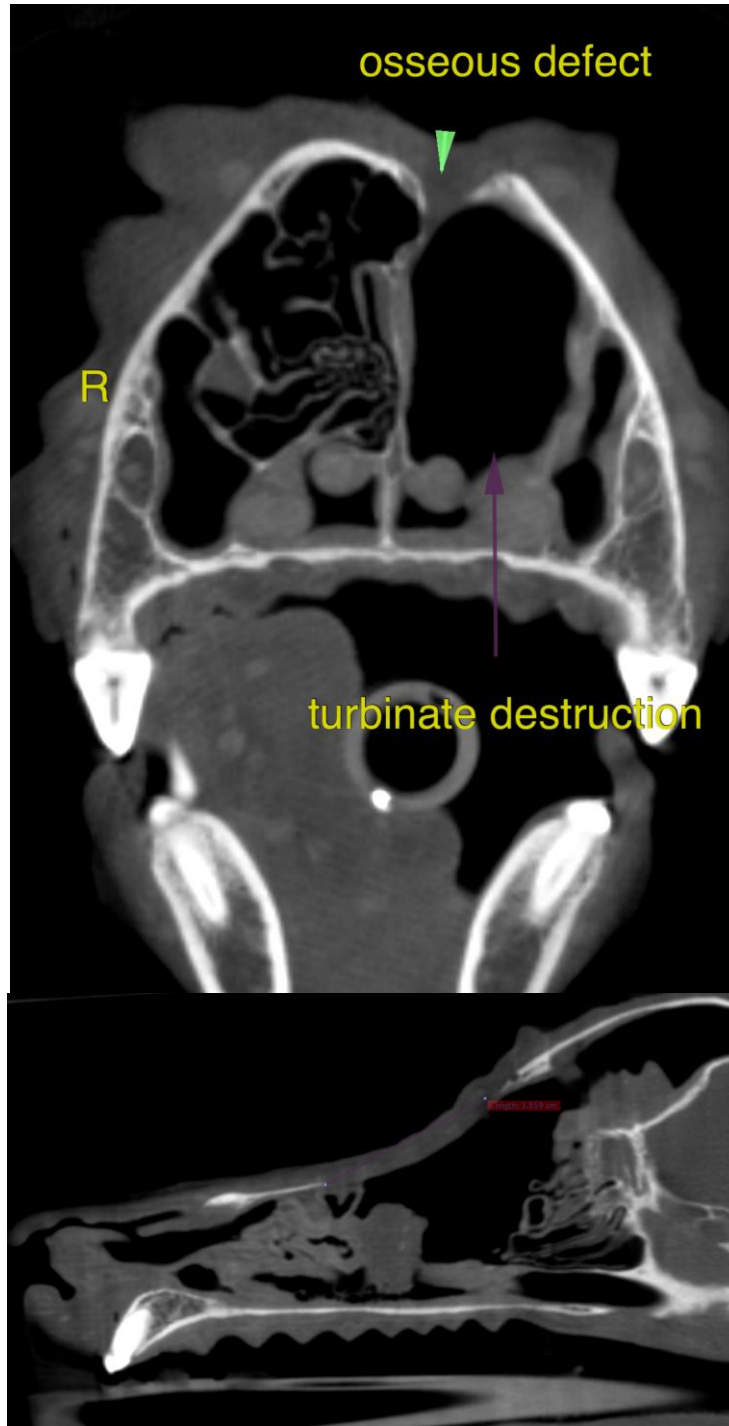
Seraydar

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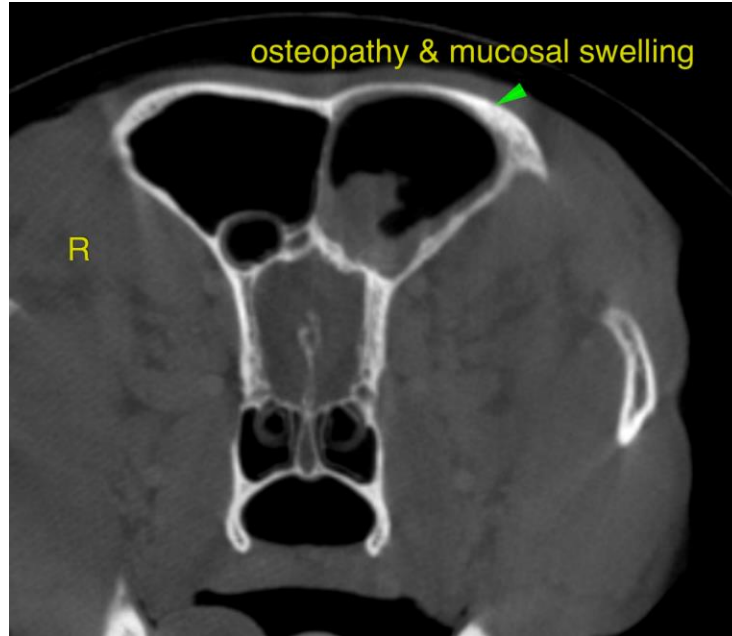
Mixed

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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.

**INTERPRETED BY**

Nele Eley (Ondreka),  
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.

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