



**PATIENT PRESENTING CLINICAL SIGNS**

Nikita Tice  
Epistaxis  
Abnormal PE/Chem/CBC/UA Results: Upper airway stertor

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Canine  
Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**  
Chihuahua  
An approximately 4.0 x 2.0 cm sized irregular shaped and ill-defined soft tissue attenuating mass is seen within the left nasal cavity. The mass occupies most of the left nasal cavity and causes multifocal aggressive osteolytic changes including the nasal, maxillary, palatal bones, and bony orbita, as well as the cribriform plate allowing for early extension of the mass into the cranial vault and left orbita. The nasal septum presents lytic defects as well. Extension of the mass into the right nasal cavity is noted. The mass occupies most of the nasal fundus. Nonuniform contrast enhancement and extensive turbinate destruction are seen.

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

**AGE**  
10 Years  
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.

**INTERPRETED BY**  
Nele Eley, DVM  
Dr. med. Vet. DipECVDI  
The left medial retropharyngeal lymph node presents within normal limits. The left submandibular lymph nodes are minimally enlarged.

The salivary glands present within normal limits.

**HOSPITAL NAME**  
Mobile Pet Imaging  
The dentition is incomplete. Multifocal periodontal changes are seen however there is no evidence of a dentonasal fistula or other significant dental disease.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- REFERRING VET**  
Meaux
- Large soft tissue mass with aggressive biological behavior in the left nasal cavity with early intracranial extension and extension into the left orbita and onto the dorsum of the nose.
  - Minimal left submandibular lymphadenomegaly.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**  
49830  
The CT findings are compatible with a malignant neoplasia within the left nasal cavity with the differential diagnoses carcinoma, lymphosarcoma, fibrosarcoma, and other. Final diagnosis would require sampling for histology. Tumor growth appears to be extensive. Early intracranial extension and extension into the left orbita as well as into the right nasal cavity and onto the dorsum of the nose are seen.

**DATE**  
1-25-22  
The lymph node changes are equivocal for reactive hyperplasia versus early metastatic disease. Consider fine needle aspiration for further definition.



**PATIENT**

Nikita Tice

**SPECIES**

Canine

**BREED**

Chihuahua

**SEX**

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**AGE**

10 Years

**INTERPRETED BY**

Nele Eley, DVM  
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**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

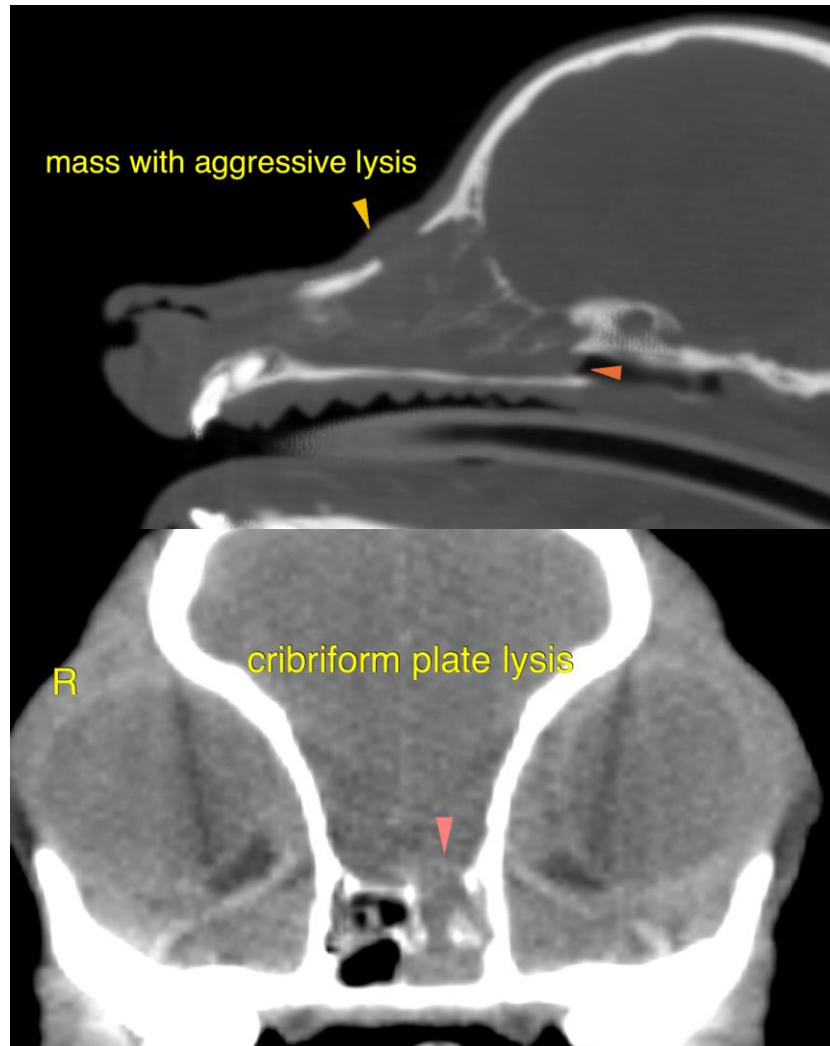
Meaux

**INVOICE**

49830

**DATE**

1-25-22



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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