

**PATIENT PRESENTING CLINICAL SIGNS**

Cookie James Hx of seizures, epistaxis, presented to ophthalmologist.  
 Abnormal PE/Chem/CBC/UA Results: Fluorescein stain: negative OU; IOP: 19 mmHg OD and 17 mmHg OS (tv +) Menace: present OS, absent OD; PLR: direct and consensual present OU; Dazzle: present OU Horner's test: \*\*\*\* OD: Comfortable, mild trichiasis; conj quiet; cornea clear; AC deep and clear; mid-range pupil with mild iris atrophy; hypermature cataract; tapetal reflection visible. OS: Protrusion of nictitans, reduced retropulsion compared to OD, mild trichiasis; mild/moderate hyperemia; cornea clear; no flare or vitreal prolapse; mid-range pupil with mild iris atrophy; lens clear; normal fundus

**SPECIES**

Canine

**BREED**

Maltipoo

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX**

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

**SEX**

Spayed female

**COMPUTED TOMOGRAPHIC FINDINGS**

**Head**

An approximately 3.5 x 2 x 1.5 cm sized mass is occupying the left nasal cavity. Regional turbinate destruction is noted as well as polyostotic aggressive bone lysis involving the frontal bone and cribriform plate, bony orbita on the left side, and palatal as well as nasal bones. The mass extends into the nasal fundus and into the cranial vault as well as into the left orbita. Mild left sided exophthalmos is noted. A mild amount of fluid accumulation is noted within the right nasal cavity.

The regional lymph nodes present within normal limits.

**Thorax**

The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

**INTERPRETED BY**

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

**HOSPITAL NAME**

Mobile Pet Imaging

The cardiovascular structures including the pulmonary vasculature are within normal limits.

**REFERRING VET**

Meaux

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

**INVOICE**

54742

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**DATE**

10-20-22

- Soft tissue mass with aggressive biological behavior of the left nasal cavity with intracranial and left orbital extension.
- No evidence of metastatic disease to the regional lymph nodes or lung.



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**AGE**

9 Years

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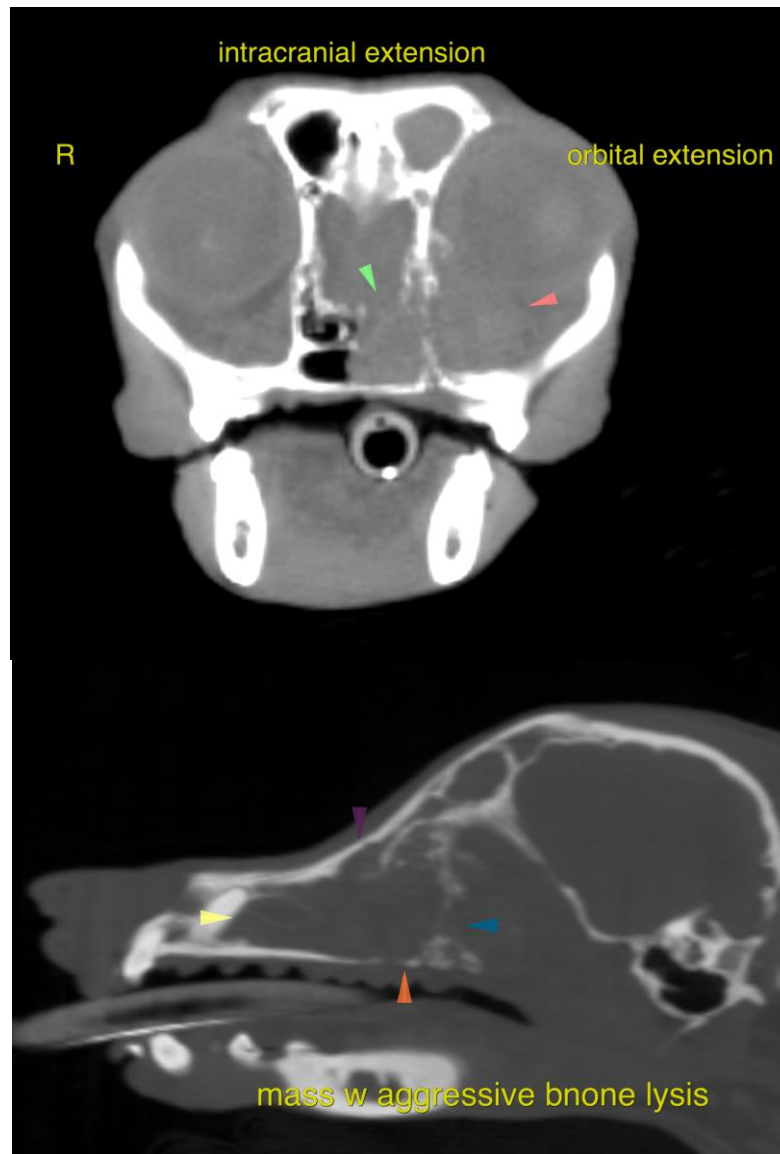
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**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with malignant soft tissue neoplasia within the left nasal cavity with extension into the cranial vault and left orbita. Differential diagnosis includes adenocarcinoma, other carcinoma, lymphosarcoma, and less likely soft tissue sarcoma. Final diagnosis would require sampling for histology which could be pursued if the owners are interested in performing palliative tumor treatment. The findings are unfortunately not compatible with rhinitis.





**PATIENT**

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.

Cookie James

**SPECIES**

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.

Canine

**BREED**

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Maltipoo

**SEX**

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