



**PATIENT PRESENTING CLINICAL SIGNS**

Goliat Mora Patient presented with the concern of having chronic unilateral nasal discharge. Patient has been on antibiotic and no resolution of clinical signs.  
 Abnormal PE/Chem/CBC/UA Results: GLU - 132 NA+ - 162 K+ - 5.9 TP - 9.4 GLOB - 6.4 LYM - 1.47 LY% - 17.1 MO% - 3.9 RBC - 10.85 HGB- 16 HCT - 51.53 PLT - 209

**SPECIES**

Feline

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain and post contrast studies available for review.

**BREED**

Domestic Hair Long

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

Neuter

A large, irregular shaped and ill-defined soft tissue attenuating mass is seen within the nasal cavity. The mass measures approximately 5 cm in length, 3 cm in height, and 3 cm in width. Lesion margins are ill-defined. The mid and caudal third of both nasal cavities as well as the nasal fundus are occupied by the mass. Severe polyostotic aggressive osteolysis is noted which allows for extension of the mass into the presphenoidal sinus, nasopharynx, right retropharynx, and bilateral orbita. The left orbital extension is larger and causes mild exophthalmos. Lysis of the ventral aspect of the cribriform plate is seen bilaterally. A mild extraaxial mass effect onto the olfactory bulb is noted.

**AGE**

6 Years

The left frontal sinus is filled with fluid attenuating material. Mucosal swelling is noted.

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

The bilateral medial retropharyngeal and submandibular lymph nodes present mild symmetric enlargement.

A mild amount of hypodense material is seen within the medial aspect of the left external auditory meatus.

**HOSPITAL NAME**

Hospital Veterinario  
 San Francisco de Asis

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Large expansile soft tissue mass within the nasal cavities and nasal fundus with aggressive bone lysis and extension into the orbita, nasopharynx, and right retropharynx.
- Early intracranial extension of the mass through the cribriform plate.
- Obstructive left frontal sinusitis.
- Mild bilaterally symmetric medial retropharyngeal and submandibular lymphadenomegaly.
- Mild left hand sided otitis externa.

**REFERRING VET**

Dra Rodriguez

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

57976

The CT findings are compatible with a malignant soft tissue neoplasia within the nasal cavities, nasal fundus, and nasopharynx with bilateral orbital, right retropharyngeal, and early intracranial extension. Differential diagnosis includes nasal adenocarcinoma, squamous cell carcinoma, and lymphosarcoma primarily. Other neoplasia including fibrosarcoma, melanoma, and other cannot be ruled out entirely. Final diagnosis would require sampling.

**DATE**

4-25-23

The lymph node changes are equivocal for reactive hyperplasia versus early metastatic disease. Fine needle aspiration could be considered for further definition.



**PATIENT**

Goliat Mora

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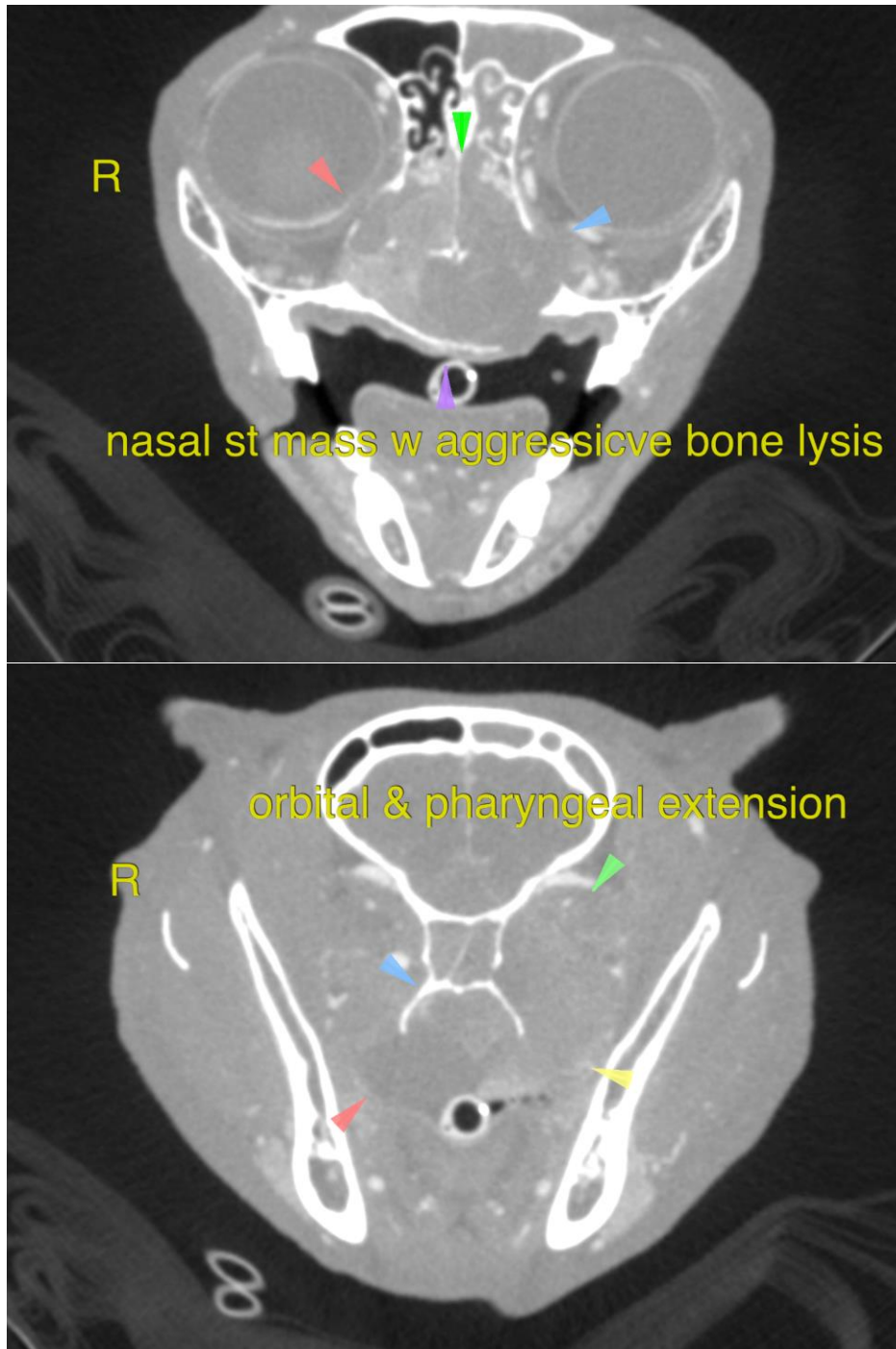
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**DATE**

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**PATIENT**

Goliat Mora

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.

**SPECIES**

Feline

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