



PATIENT PRESENTING CLINICAL SIGNS

Bella Carroll Several month history of soft fluctuant tumor growing over the right eye. Pt has history of nasal discharge. Pt brought here from different clinic; will seek treatment there after results of CT come back.

SPECIES Abnormal PE/Chem/CBC/UA Results: Severe leukocytosis (at 52.82 K/microL, normal range 2.87-17.02), characterized by severe neutrophilia day of CT (at 46.85 K/microL 2.3-10.29). Mild anemia with RBC at 5.98 M/microL (6.54-12.20), HCT low-normal at 31.5%. Hyperglobulinemia at 5.7 g/dL (2.8-5.1).

Feline

BREED COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Domestic Short Hair Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX An ill-defined and irregular shaped soft tissue attenuating mass of approximately 4.5 x 2.5 x 3.5 cm is seen within the right nasal cavity, right orbita, and onto the dorsum of the nose. All of the right nasal cavity is filled with the heterogeneously enhancing mass. Severe and polystotic aggressive osteolytic changes are seen and do allow for extension of the mass into the oral cavity, left nasal cavity, right and left frontal sinus, right orbita, as well as into the cranial vault. The mass effect causes moderate deviation and compression of the right eye. The nasal fundus is completely obliterated by the mass. Part of the right and left frontal sinus are occupied by the mass. The remainder of the frontal sinuses is filled with fluid attenuating material. Fluid attenuating material is also present within the parts of the left nasal cavity that are not filled by the mass.

FS

AGE 13

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The right parotid and submandibular lymph nodes are mildly enlarged.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass with aggressive biological behavior within the right nasal cavity and onto the dorsum of the nose with extension into the right orbita, both frontal sinuses, nasal fundus, left nasal cavity, and cranial vault.
- Mild right sided submandibular and parotid lymphadenomegaly.
- Deviation and compression of the right eye.

HOSPITAL NAME

Petroglyph Animal Hospital

REFERRING VET

Amanda Espinosa

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are consistent with a malignant soft tissue neoplasia. Differential diagnosis includes nasal adenocarcinoma, other carcinoma, lymphosarcoma, and soft tissue sarcoma. Final diagnosis would require sampling for histology which could be considered in case the owner is willing to pursue palliative treatment. Sampling should be straight forward onto the dorsum of the nose. However, the extensive growth of the tumor should be noted.

INVOICE

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The lymph node changes suggest reactive hyperplasia rather than metastatic disease.

DATE

9-20-22



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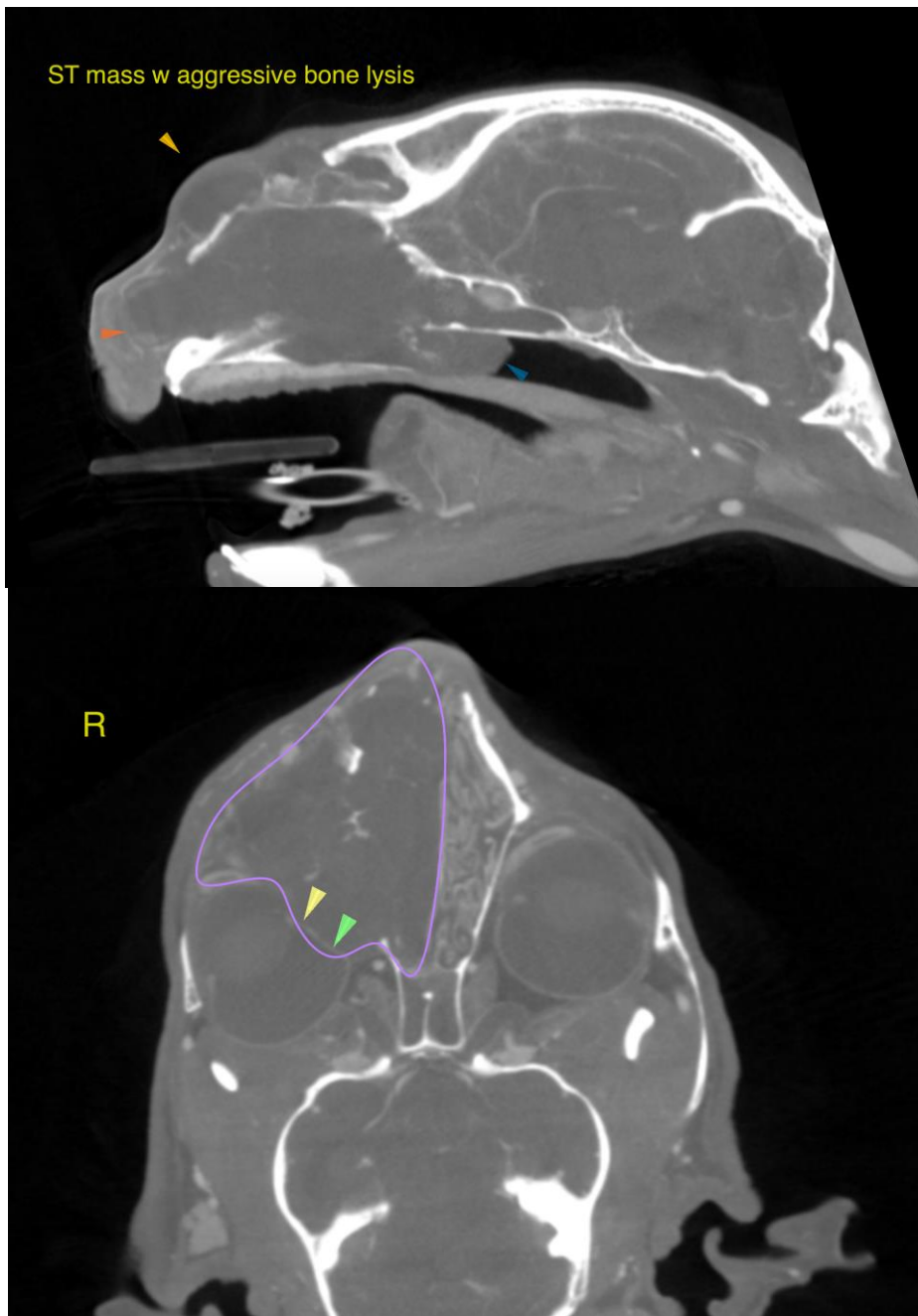
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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