



PATIENT PRESENTING CLINICAL SIGNS

Rocky Velez HX - rocky is here for acute onset of severe diff breathing. about 3 months ago had hx of sneezing/coughing, diagnosed with rhinitis. was on several medications, tests done in october. has been to 2 vets - banfield and another in trujillo alto. but cat has continued to worsen and since yesterday having severe dyspnea/tachypnea. in car, while waiting here, developed open mouth breathing - only waited for about 30min. FELV POSITIVE since he was 4 months old. results of previous testing done or info on previous meds not available. PE - severe dyspnea/tachypnea. RR 150bpm. Open mouth breathing . MM pink. HR 240bpm, no obvious murmurs noted. increased BV lung sounds bilaterally. no palpable thyroid slip. abdomen unremarkable. Ln wnl. later noted epistaxis from left nostril, OS is slightly more closed than OD and third eyelid protrudes more. pupils are even. R/O primary pulmonary problem vs. cardiac vs. infectious. then with possible horns and epistaxis. concerns with neoplasia, left nasal cavity?
 Abnormal PE/Chem/CBC/UA Results: CBC --- moderate leukopenia CHEM --- unremarkable

SPECIES

Feline

BREED

DSH

SEX

NM

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

A large irregular shaped and ill-defined soft tissue attenuating mass with strong heterogeneous contrast enhancement is occupying the left nasal cavity. Polyostotic aggressive osteolysis of the nasal, maxillary, frontal, and palatal bones is seen allowing for extension into the right nasal cavity, left orbita, frontal sinus, cranial vault, and nasal fundus. A large contrast enhancing intracranial component of the tumor causes a left sided mass effect with rightward shift of the cerebral falx and deviation of the left forebrain. Regional turbinate destruction is noted throughout the anatomic position of the mass. The mass extends onto the dorsum of the nose. A significant mass effect compressing the left eye is noted. The left frontal sinus is filled with fluid attenuating material.

AGE

10 Years

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

HOSPITAL NAME

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

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.

REFERRING VET

Dr. A. Alicea, DVM

The left submandibular lymph node is moderately enlarged and rounded with heterogeneous contrast enhancement and measures 8mm in diameter.

The salivary glands present within normal limits.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass with aggressive biological behavior within the left nasal cavity with extension into the left orbita, onto the dorsum of the nose, and into the cranial vault.
- Left sided submandibular lymphadenomegaly meeting neoplastic criteria.

DATE

12-1-21

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are consistent with malignant soft tissue neoplasia of the left nasal cavity with



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extension onto the dorsum of the nose, into the orbita, and into the cranial vault. Severe upper airway obstruction is seen as well as compression of the left forebrain. Differential diagnosis includes lymphosarcoma, adenocarcinoma, other carcinoma, fibrosarcoma, and other. Final diagnosis would require sampling for histology. The long term prognosis is poor.

SPECIES

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The lymph node changes are highly suggestive for metastatic disease. Further verification by means of fine needle aspiration could be considered.

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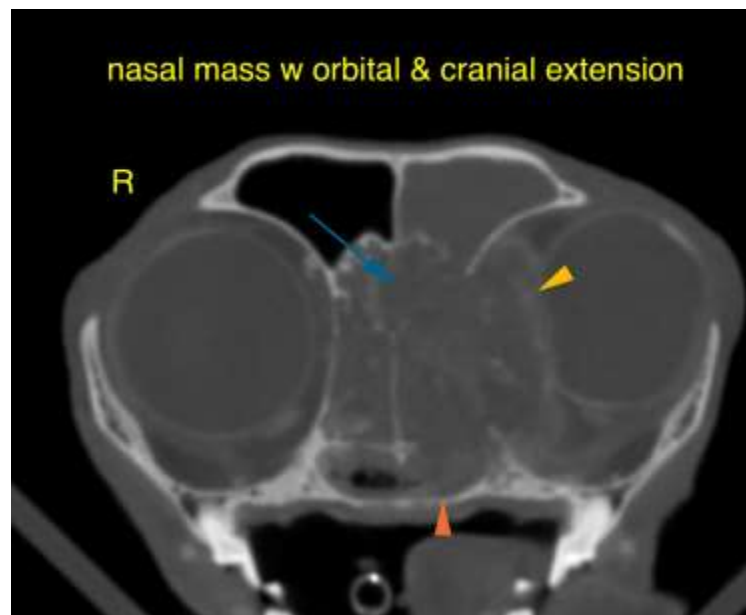
NM

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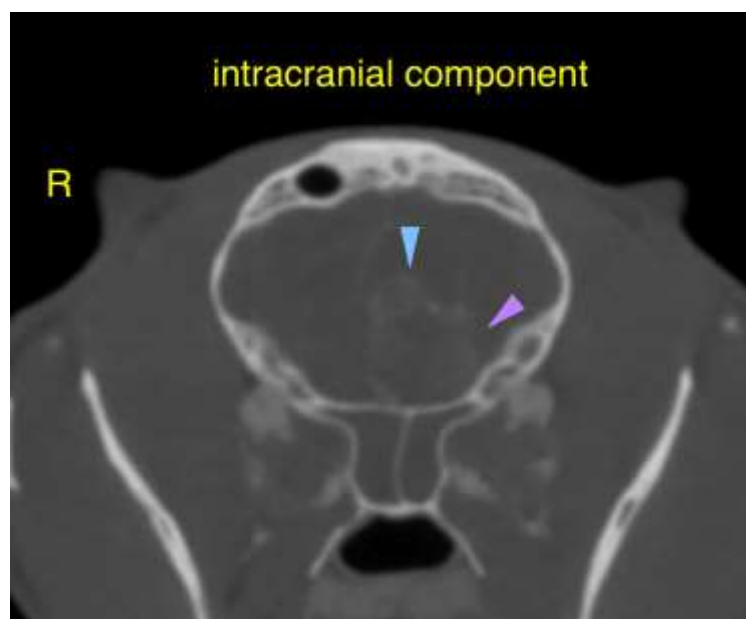


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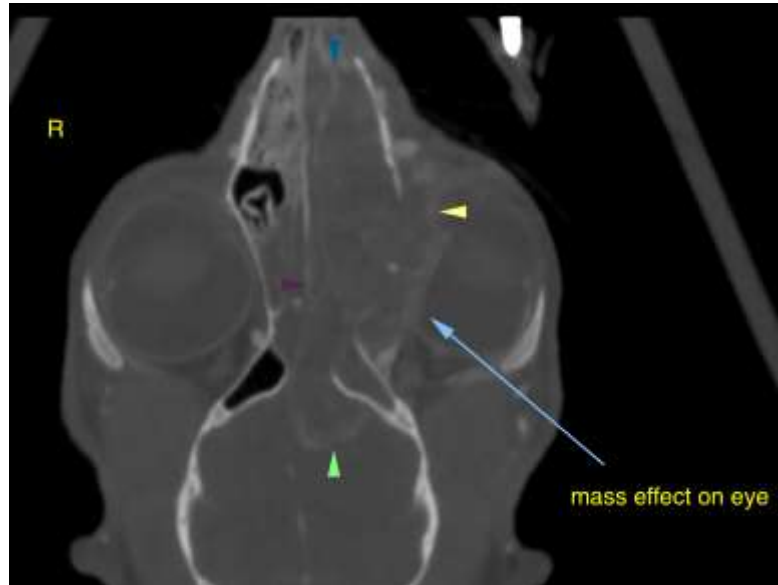
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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