



PATIENT PRESENTING CLINICAL SIGNS

Uma Grassia
 Dental procedure at another hospital 2 months ago with extractions. Bleeding from R nostril on and off for 30 days.
 Abnormal PE/Chem/CBC/UA Results: Slight elevation in Alt otherwise unremarkable

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Canine
 Plain and post contrast studies available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Standard Poodle
 The patient has a history of dental extractions alio loco.

SEX
 FS
AGE
 12 Years
 A large irregular shaped and ill-defined soft tissue attenuating mass is seen within the right nasal cavity. The mass occupies the mid and caudal third of the right nasal cavity. Extensive regional turbinate destruction is noted. Severe polyostotic aggressive bone lysis of the right and left nasal and frontal bones, bony nasal septum, right bony orbita, and cribriform plate is noted and allows for extra-nasal extension of the mass onto the dorsum of the nose, into the right orbita, into the right and left frontal sinus, into the left nasal cavity, as well as early extension into the cranial vault. The mass measures approximately 6.5 cm in length, 5.0 cm in width, and 4.0 cm in height. Nonuniform contrast enhancement is noted on the post-contrast study. Early mass effect onto the left frontal lobe of the brain is seen.

The regional lymph nodes present within normal limits.

INTERPRETED BY
 Nele Eley, DVM
 Dr. med. Vet. DipECVDI
 Moderate thickening of the epithelial lining of both external auditory meatuses with a mild amount of hypoattenuating material in the ear canal lumen is seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- HOSPITAL NAME**
 Boca Park Animal Hospital
- Soft tissue mass with aggressive biological behavior within the right nasal cavity with severe polyostotic bone lysis and extra-nasal extension into the right orbita and cranial vault.
 - Bilateral otitis externa.
 - History of dental extractions – unrelated to the nasal mass.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET
 Ashman
INVOICE
 53400
 The CT findings are compatible with a malignant soft tissue neoplasia with in the right nasal cavity which extends beyond the limits of the nasal cavity with polyostotic aggressive bone lysis. A large part of the tumor protrudes into the medial aspect of the right orbita and causes rightward deviation and compression of the right eye. See image below. Early intracranial extension is noted. Differential diagnosis includes nasal adenocarcinoma, other carcinoma, and lymphosarcoma as primary differential diagnoses. Mesenchymal neoplasia cannot be ruled out entirely but is thought less likely. Final diagnosis would require sampling for histology. The extensive tumor growth should be noted, however.

DATE

8-9-22



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Uma Grassia

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HOSPITAL NAME

Boca Park Animal
Hospital

REFERRING VET

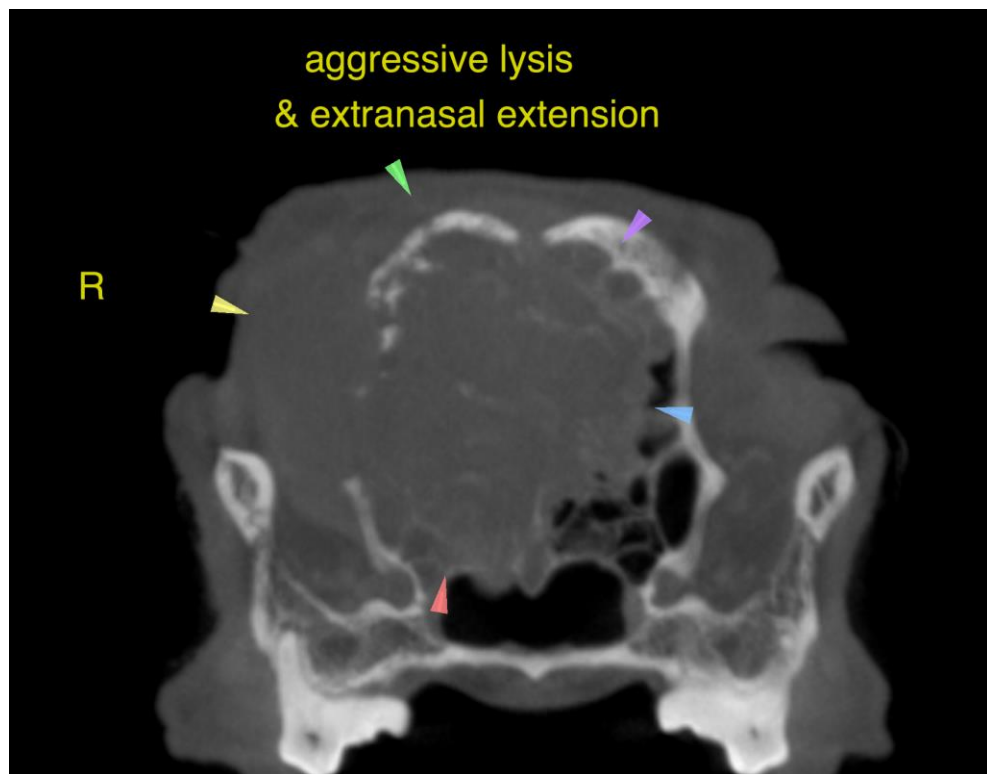
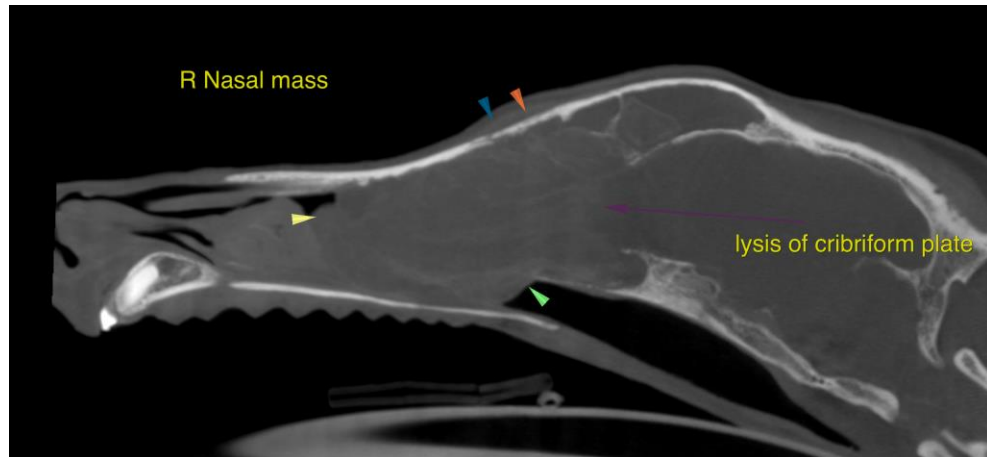
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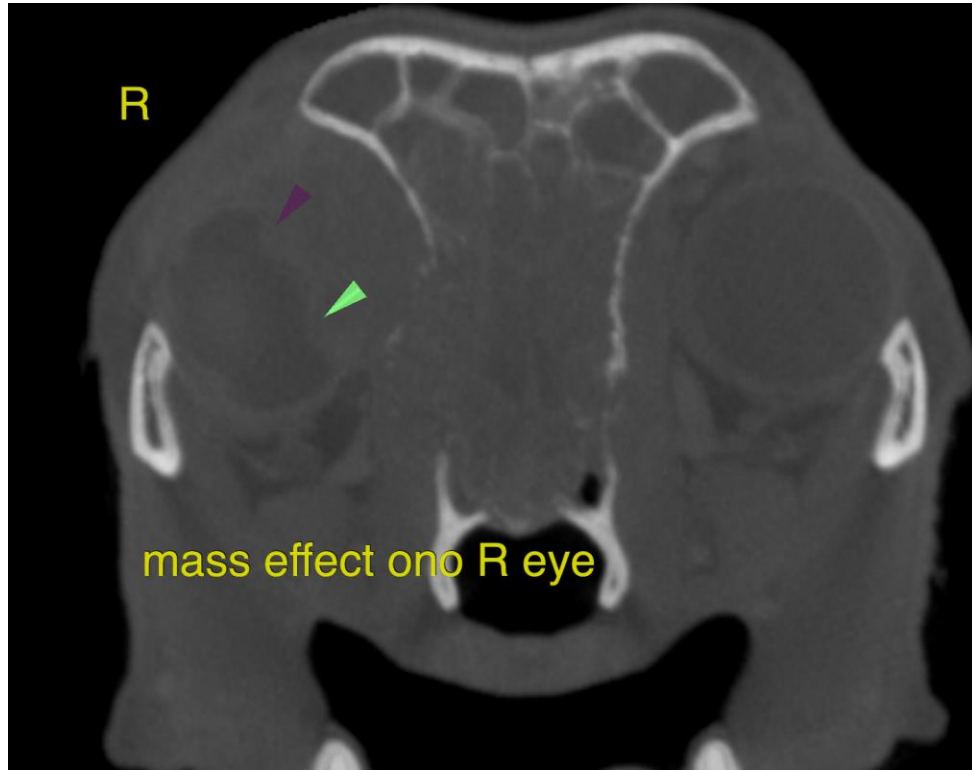
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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