



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Suki Harpold

SPECIES
Feline

Pet presented for CT of the head and sinus after developing a slowly progressive swelling above the medial aspect of the right eye and extending down toward the bridge of her nose. Radiographs at rDVM 8/11/22 showed evidence of bony reaction in this area as well. Suki was first noted to have increased sneezing in March 2022. The sneezing progressed to discolored discharge and the first evidence of swelling above the eye was noted in May 2022. Biopsy of area collected under anesthesia immediately following CT scan today.

COMPUTED TOMOGRAPHY OF THE SKULL

BREED
Siamese

A high resolution pre- and post-contrast CT study of the skull is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

SEX
FS

The right nasal cavity is obliterated by an expansile, soft tissue attenuating and heterogeneous moderate contrast enhancing mass. The right maxillary bone presents extensive aggressive osteolytic lesions, and the nasal mass is protruding into the subcutaneous tissue at the right laterodorsal aspect of the nose

AGE
10 Years, 10 Months

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 ear canals are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

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The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right sided biologically aggressive nasal soft tissue mass with polyostotic aggressive osteolytic lesions

REFERRING VET

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The right nasal mass is compatible with primary nasal neoplasia, originating from the right nasal cavity and osteolytic lesions of the associated osseous structures. The nasal mass is bulging into the subcutaneous tissue at the same level – explaining the presenting clinical signs. Differentials include adenocarcinoma, squamous cell carcinoma, transitional cell carcinoma, lymphosarcoma, other. Theoretically nasal granulomatous disease is a potential as well, but the odds are low. FNA sampling of the subcutaneous swelling or rhinoscopy including biopsy can be used as advanced diagnostic tests. Based on the results of the advanced diagnostic tests, the chances of radiation therapy can be discussed with oncologist.

INVOICE

53702

DATE

8-24-22



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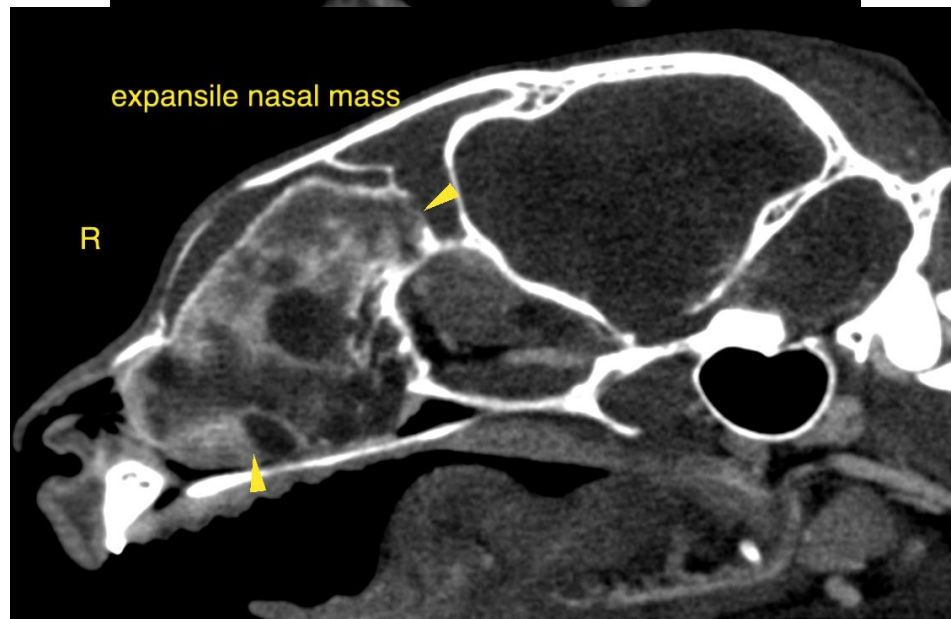
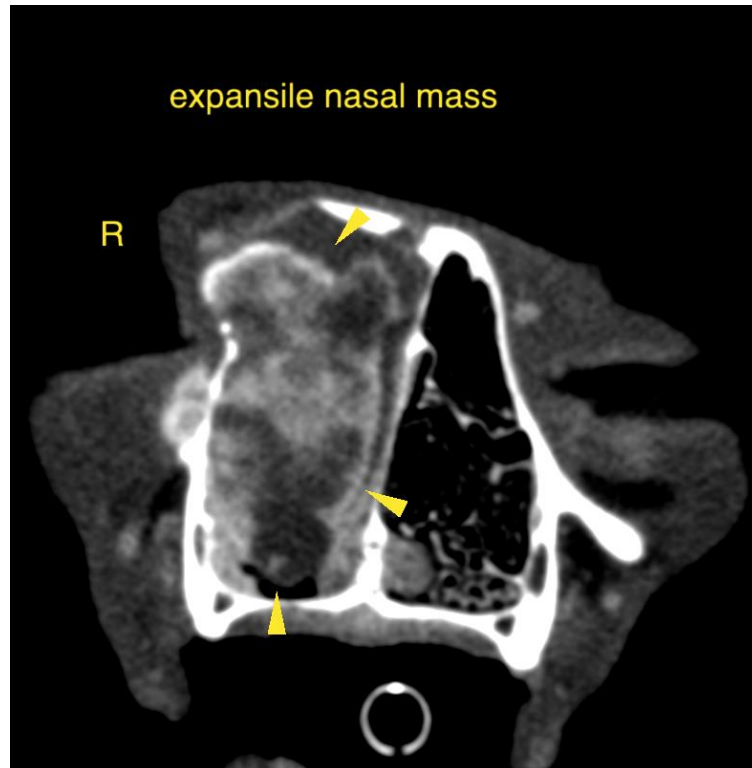
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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