



PATIENT PRESENTING CLINICAL SIGNS

Ace Anaya Bloody nasal discharge from left nostril since May 10, 2022, minimal response to medical management, normal blood work
 Abnormal PE/Chem/CBC/UA Results: no air flow from left nostril, no swelling noted

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED
 Pit Bull Mix Triadan 411 is absent, and a small remnant of the respective root is visible within the alveolar crest. Triadan 311 presents advanced tooth root resorption. Triadan 108&208 present evidence of advanced periodontal disease and complicated dental fractures.

SEX
 MN The left nasal cavity is obliterated by moderate contrast enhancing soft tissue material; advanced destruction of the associated conchal & turbinate structures. The left nasal mass is perforating the perpendicular plate of the left palatine bone and is protruding mildly into the left orbit and the nasal septum, bulging into the right nasal cavity. The left maxillary bone presents small regions with moth eaten osteolytic lesions. The cribriform plate, associated with the nasal mass presents signs of early stages of osteolysis without perforation of the cranial fossa.

AGE
 12 Years Both ocular bulbs present with mineralization of the sclera.

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

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Petroglyph Animal
 Hospital

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.

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.

REFERRING VET COMPUTED TOMOGRAPHIC DIAGNOSIS

Dr. Dana Powers

- Biologically aggressive nasal soft tissue neoplasia with polyostotic aggressive osteolytic lesions of the left palatine & maxillary bone
- Advanced periodontal disease 108&208 with complicated dental fractures
- Tooth root resorption 311
- Retained root 411
- Dystrophic scleral mineralization ocular bulb bilaterally

INVOICE

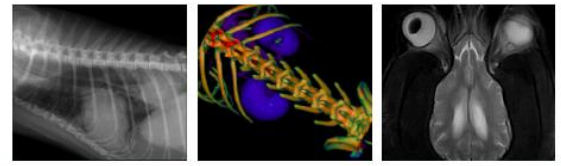
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DATE

9-8-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is consistent with primary nasal neoplasia originating from the left nasal cavity and secondary osteolytic lesions of the associated osseous structures. Differentials include adenocarcinoma, squamous cell carcinoma, transitional cell carcinoma, lymphosarcoma, other. Rhinoscopy including FNA sampling can be used as advanced diagnostic tests. Based on the



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results of the advanced diagnostic tests, the chances of radiation therapy can be discussed with oncologist. The Adam tumor stage is T3.

Consider full tumor staging.

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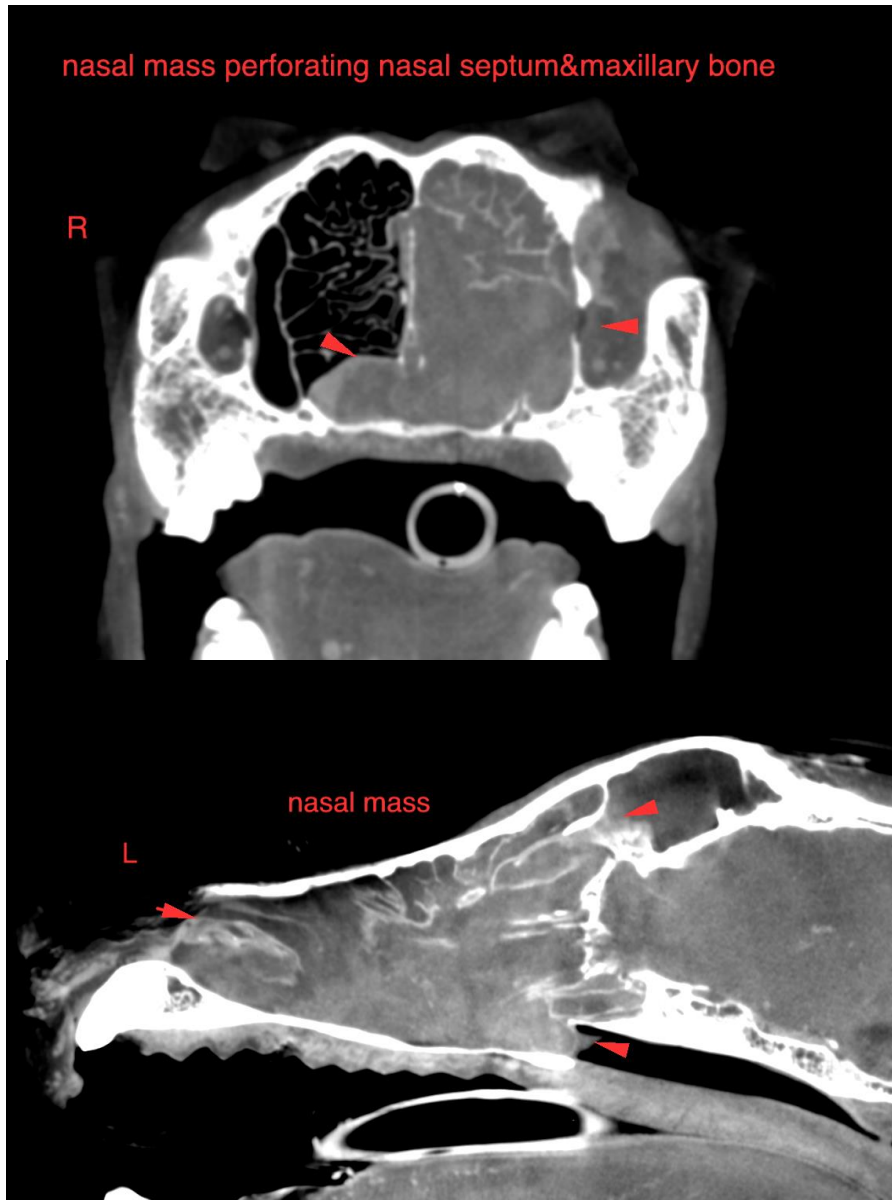
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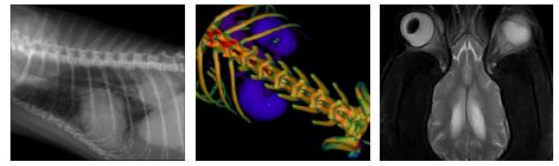
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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Pit Bull Mix

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