



PATIENT

Solo Dahm

PRESENTING CLINICAL SIGNS

Chronic, progressive lateral protrusion of the right eye, elevated and inflamed 3rd eyelid, eye does not give when pressed. Began about 2 months ago.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL

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

BREED

Alaskan Malamute

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX

Male

The caudal two thirds of the right nasal cavity are obliterated by a soft tissue attenuating and heterogeneous mineralizing mass. Advanced destruction of the associated conchal & turbinates structures is appreciated. The right maxillary bone, the perpendicular plate of the right palatine bone and the right frontal bone present aggressive osteolytic lesions and the nasal mass is protruding into the right orbit – displacing the right ocular bulb laterally and rostrally by the mass effect. The cribriform plate is perforating the nasal mass is bulging into the right rostral cranial fossa. The nasal septum is perforated.

AGE

8 Years

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 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

HOSPITAL NAME

Scottsdale Veterinary
Clinic

- Biologically aggressive right nasal neoplasia with polyostotic aggressive osteolytic lesions of the associated osseous structures and perforation of the cranial fossa
- Secondary right sided exophthalmos

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Dr. D'Monte

The CT study is consistent with right sided primary nasal neoplasia, perforating the cranial fossa. Differentials include osteosarcoma, adenocarcinoma, squamous cell carcinoma, transitional cell carcinoma, lymphosarcoma, other. 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. The Adam tumor stage is T4.

INVOICE

56634

Consider full tumor staging.

DATE

2-8-23



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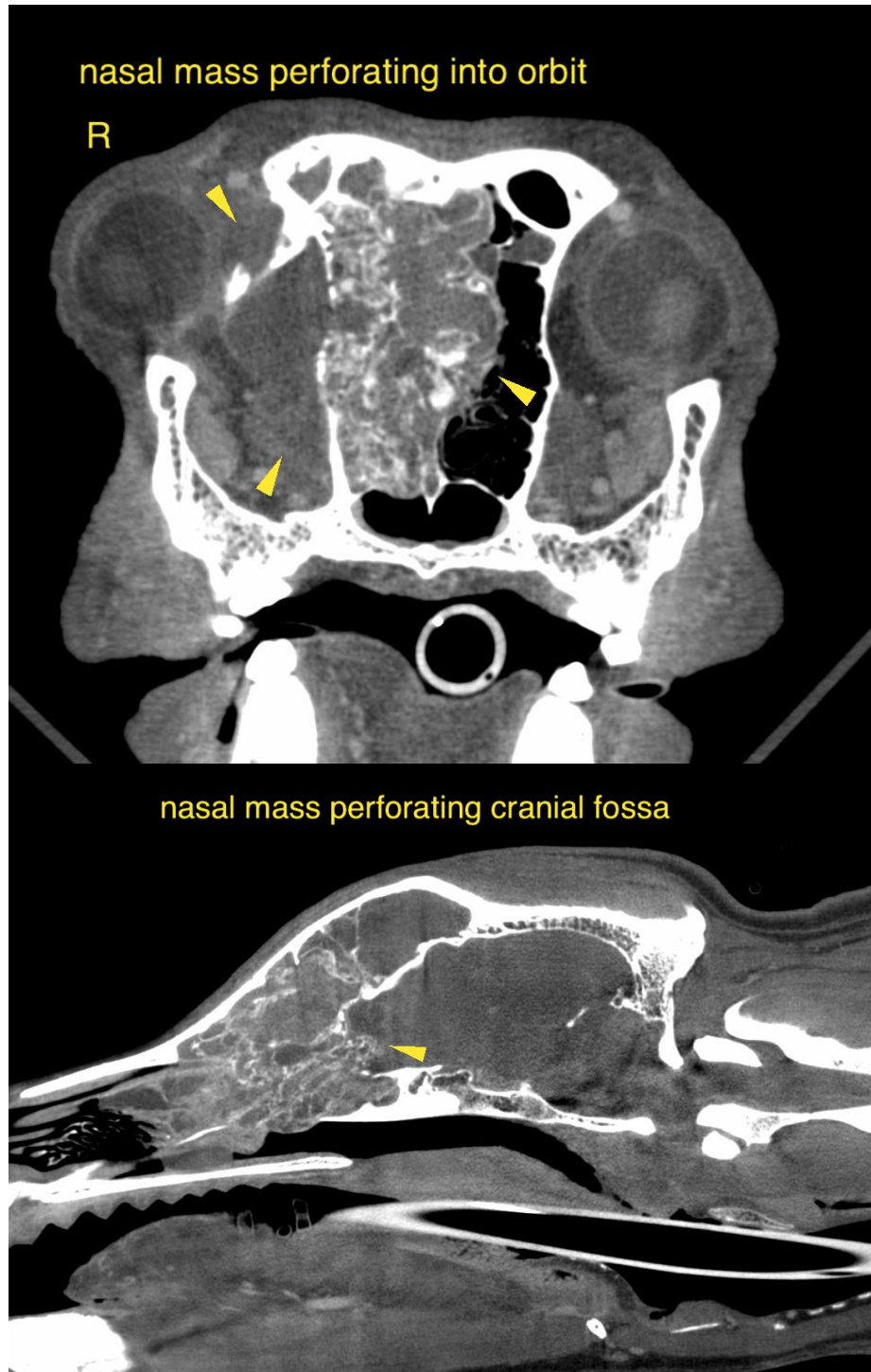
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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