



PATIENT

Molly Mae Nelson

PRESENTING CLINICAL SIGNS

Patient presents for COHAT and evaluation of a left supraorbital abscess and extraction of 208. History of a prior enucleation in December 2020 with histopathology results that showed an invasive optic nerve meningioma.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL

A high resolution plain CT study of the viscerocranium is provided for review.

BREED

Dachshund

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX

FS

The left ocular bulb is absent. In the left orbit, a marked soft tissue swelling with central gas inclusion is visible. The medial wall of the left orbit presents significant hyperostosis and multiple regions with osteolysis are seen, perforating the maxillary bone/left nasal cavity and the frontal bone with perforation of the cranial fossa. In the left nasal cavity multifocal mild consolidation is appreciated. The left frontal sinus contains a moderate amount of soft tissue material. The left zygomatic arch presents evidence of osteolysis and mild amorphous periosteal new bone formation. Moderate widening of the left optic canal is seen.

AGE

8 Years, 5 Months

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.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of left sided orbital evisceration
- Cavitated soft tissue swelling left orbit with polyostotic aggressive mixed osteoproliferative and osteolytic lesions of the surrounding osseous structures and perforation of the cranial fossa and left nasal cavity
- Pressure atrophy left optic canal
- Secundar left sided rhinosinusitis

HOSPITAL NAME

South Bay Animal Hospital

REFERRING VET

Ravinder Atwal, DVM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The main finding is the cavitated, gas containing swelling/mass in the left orbit causing focal hyperostosis and osteolysis with perforation of the cranial fossa and the left nasal cavity. Rule out infected neoplastic disease (e.g. sarcoma, meningioma, carcinoma) versus chronic granulomatous inflammation (e.g. mycotic, Nocardia/Actinomyces, Pythiosis). Biopsy is strongly recommended for further definition.

INVOICE

48774

No association with the dental structures is appreciated.

DATE

12-3-21



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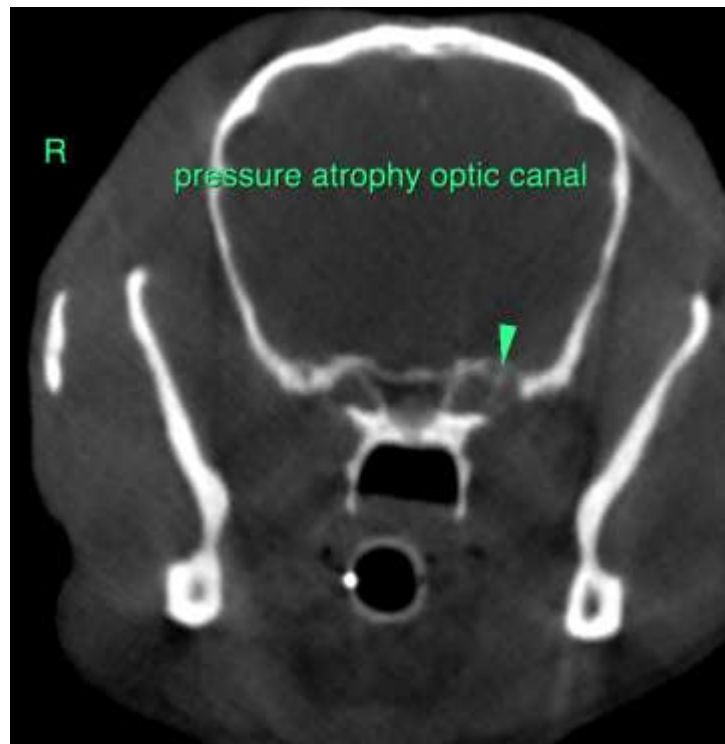
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

BREED

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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
sebast.schaub@gmail.com

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