

**PATIENT**

Toby Perlstein

PRESENTING CLINICAL SIGNS

Non-healing wound on forehead for 1 year

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Pre/post contrast studies provided for review.

BREED

Domestic Shorthair

COMPUTED TOMOGRAPHIC FINDINGS

The neurocranium shows normal findings.

SEX

MN

The left frontal sinus is completely obliterated with soft tissue-dense material and indicates an expansile lesion with local destruction of the conchae and erosion of the ventral bony margins. The dorsal and ventral lamina of the sinus appear hyperostotic and present a bony gap of 5.2 mm with rounded margins. There is a correspondent subcutaneous swelling adjacent to the bone defect recognized. The soft tissue content of the sinus presents mineral-dense opacities.

AGE

16 Years

Nasal cavities are ventilated regularly.

Bony structures of skull and the skull foramina of the cranial nerves are laterally symmetrical and inconspicuous.

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

Both tympanic bullae are completely ventilated with a regular tympanic bulla wall.

External ear canals are ventilated in all sections, walls of the external ear canals, the adjacent temporomandibular joints and the nasopharyngeal meatus have no particular findings.

The medial retropharyngeal lymph nodes are bilaterally symmetrical and inconspicuous.

HOSPITAL NAME

Animal Health Care
Denver

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Expansile lesion of the left frontal sinus with a local aggressive behavior

REFERRING VET

Cathryn Sayer

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CT findings could represent a chronic inflammatory lesion of the left frontal sinus. The mineral-dense material could show migrating foreign material or residuals of an impression fracture/bone sequester. With that trepanation of the sinus should be discussed. The mild and local erosions of the ventral bony borders and the destruction of the conchae is also seen with neoplastic processes such as squamous cell carcinoma. The latter cannot be fully excluded. Biopsy is needed for further evaluation.

INVOICE

47351

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9-7-21



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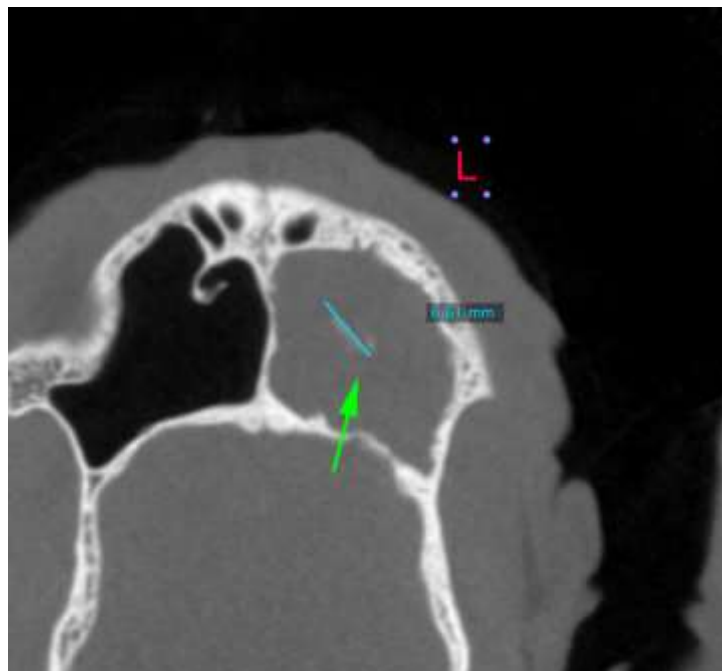
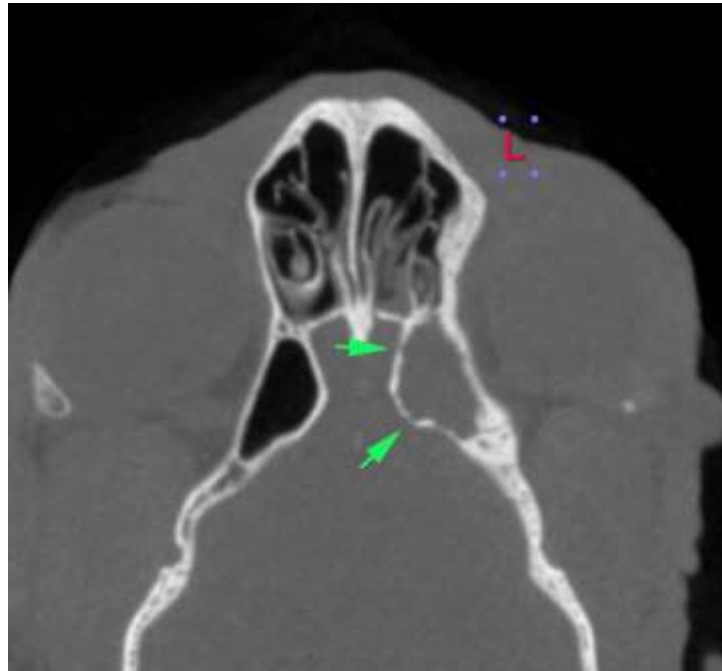
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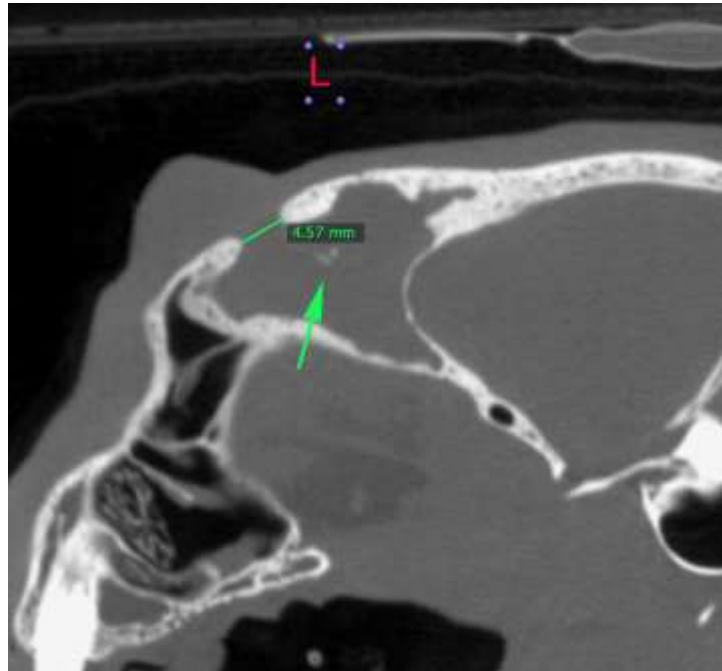
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
Sebastian.Jawinski@sonopath.com