

**PATIENT PRESENTING CLINICAL SIGNS**

Sweetie Boy  
Schuldner  
Pet has had a history of sneezing for several months. No discharge noted. Owner concerned third eyelids are prolapsed. Pet is eating normally. Owner can not say if pet's cranium, sinus region is swollen. He stated another veterinarian stated face appeared swollen. Explained pet's PLR is decreased, cranium does appear swollen. Suggest CT scan to rule out neoplasia, fungal, foreign body cause

**SPECIES**

Feline

**COMPUTED TOMOGRAPHY OF THE HEAD**

Pre/post contrast of the head provided for review.

**BREED**

DSH

**COMPUTED TOMOGRAPHIC FINDINGS**

There are severe findings of the bony skull and nose recognized with a mixed but predominantly lytic pattern of multiple bones and at multiple locations. Included are the nasal, maxillary, palatine and sphenoidal bone as well as the cribriform plate and the frontal and parietal bone of the skull. The inner nasal structures show advanced destruction with lytic foci of the nasal bony borders and with hyperostotic new bone formation (s. for example left frontal sinus). Changes are accompanied by mild peripheral soft tissue swelling, hypertrophic vessels and increased enhancement. The cranial vault is included with mild thickening of the meningeal line mildly impressing the cerebral surface.

**SEX**

MN

**AGE**

The cervical lymph nodes are symmetrical and mildly enlarged.

12.5

**COMPUTED TOMOGRAPHIC DIAGNOSIS****INTERPRETED BY**

- Severe, advanced destruction of the bony structures of the nose, frontal sinuses and skull with inclusion of the cranial vault.

Sebastian Jawinski,  
German Board  
Certified Vet  
Specialist in  
Diagnostic Imaging

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

CT findings are not specific especially for a cat. Invasive neoplasia is possible as well as severe inflammatory changes caused by bacterial/mycotic infection. The mixed pattern of lytic and proliferative bone lesions indicates an aggressive but slowly progressive issue. Nevertheless, findings are severe and destruction of the cribriform plate, the frontal and parietal bone have a bad prognosis. Biopsy is needed for further evaluation. Long term therapy with antibiotics may be an option.

**HOSPITAL NAME**

Advanced Animal  
Imaging

**REFERRING VET**

Patrick Abernathy

**INVOICE**

58194

**DATE**

5-8-23



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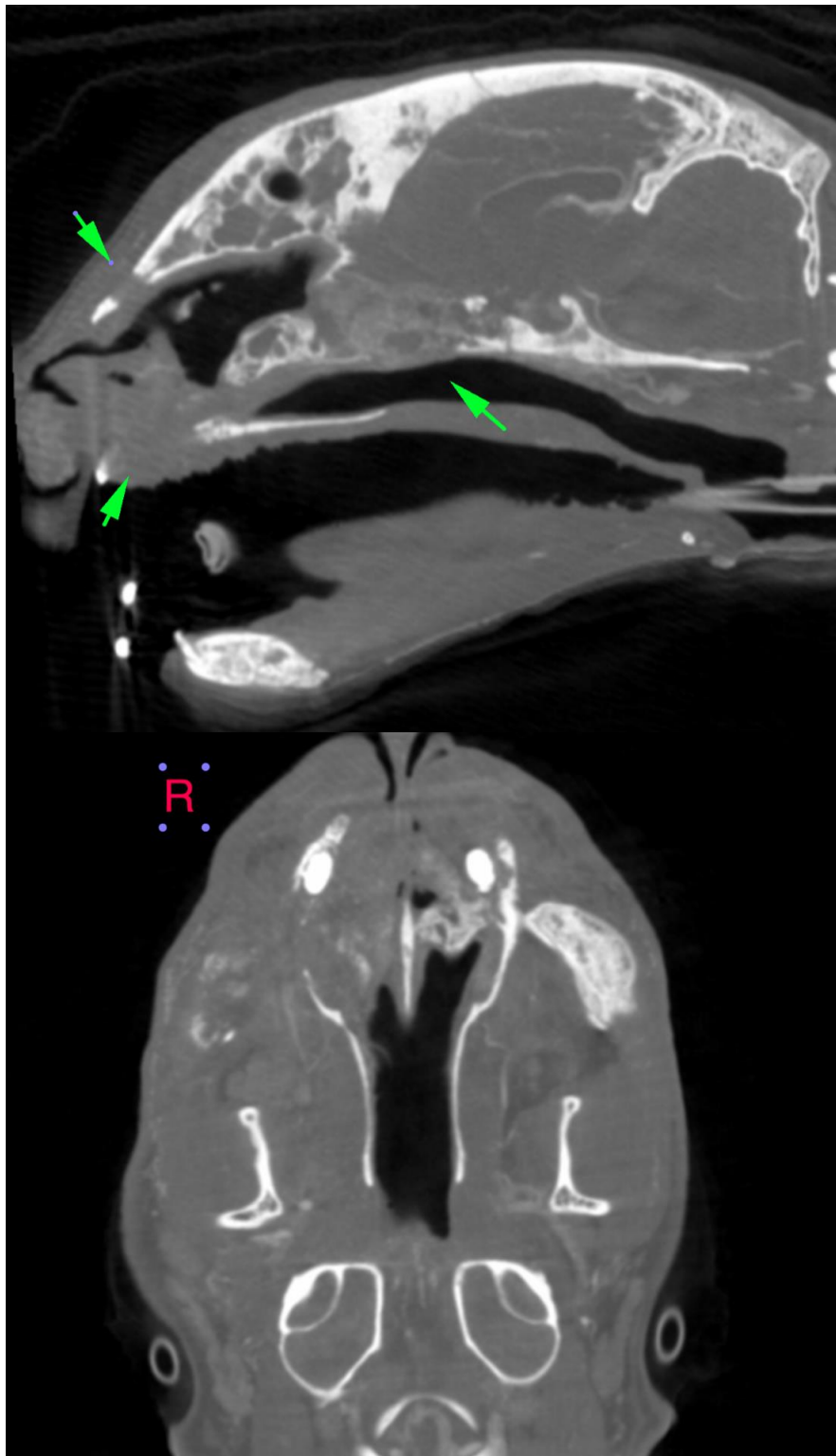
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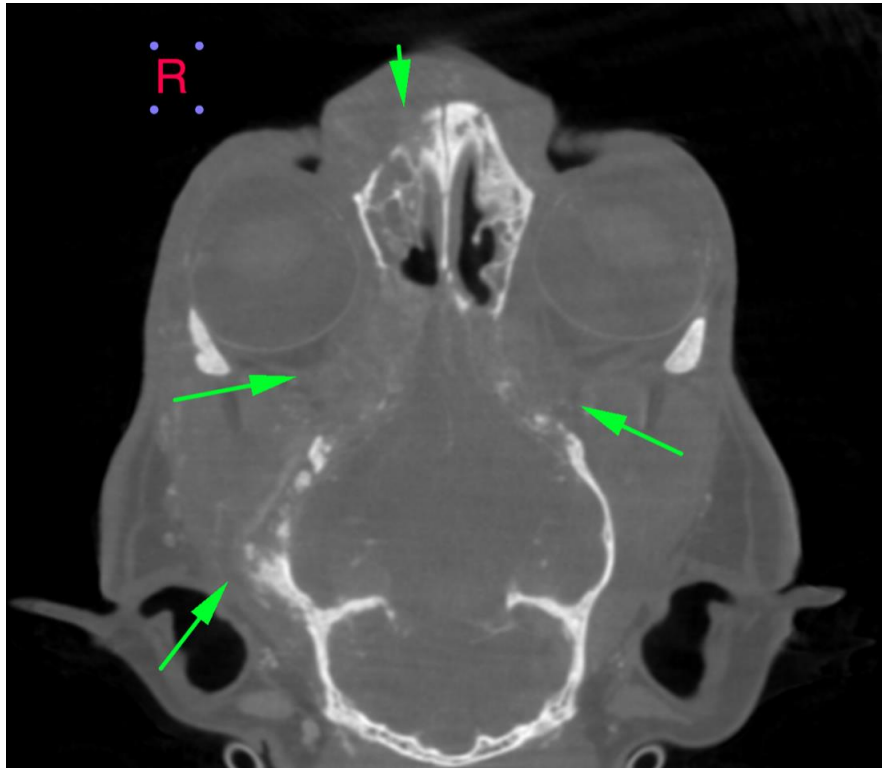
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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