



PATIENT PRESENTING CLINICAL SIGNS

Le Lee Williams History: unilateral nasal discharge for 1 month. Culture results - Pseudomonas Aeruginosa 3+ Highly Resistant Sensitive to Ciprofloxacin Treating at 20mg/kg once daily for 30 days No improvement on antibiotics

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Feline

BREED

DSH

SEX

Spayed Female

AGE

11 Months

The neurocranium shows normal findings. Bony structures of skull and the skull foramina of the cranial nerves are laterally symmetrical and inconspicuous. 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 right frontal sinus shows marked hyperostosis of the dorsal lamina with narrowing of the sinus. The left sinus is inconspicuous.

The right sphenoidal sinus is completely obliterated presenting an expansile mass-like lesion with midline shift to the left and even contrast enhancement of the inner outline of the sinus. The right nasal cavity reveals multiple accumulations of fluid. The bony borders especially of the orbital lamina appear thinned and partially lytic. Significant destruction of the conches is detected.

The orbital contents are laterally symmetrical without evidence of a retrobulbar lesion.

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging

Post contrast images show no pathological enhancement. Soft tissues of the head and neck are symmetrical and of homogeneous density. The medial retropharyngeal lymph nodes are mildly enlarged.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Unspecific signs of a unilateral, chronic and mildly erosive rhinitis on the right
- Questionable expansile mass of the right sphenoidal sinus
- Hyperostosis right frontal sinus
- Mild retropharyngeal lymphadenopathy

HOSPITAL NAME

AMC of Mt. Pleasant

REFERRING VET

Steven Epstein

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

13571

DATE

10/5/21

CT findings of the right nasal cavity likely represent a chronic, erosive-inflammatory process as seen with chronic infection (bacterial/fungal). The unilateral appearance could speak for an inflammatory polyp at the level of the right sphenoidal sinus, which would explain the expansile lesion and resistance to treatment. This area unfortunately is not accessible with rhinoscopy (regular nasal lavage? inhalation therapy?). Overt signs of foreign material, a dental rhinitis and an aggressive/malignant mass are not recognized. The mild retropharyngeal lymphadenomegaly still is compatible with a reactive-inflammatory process.



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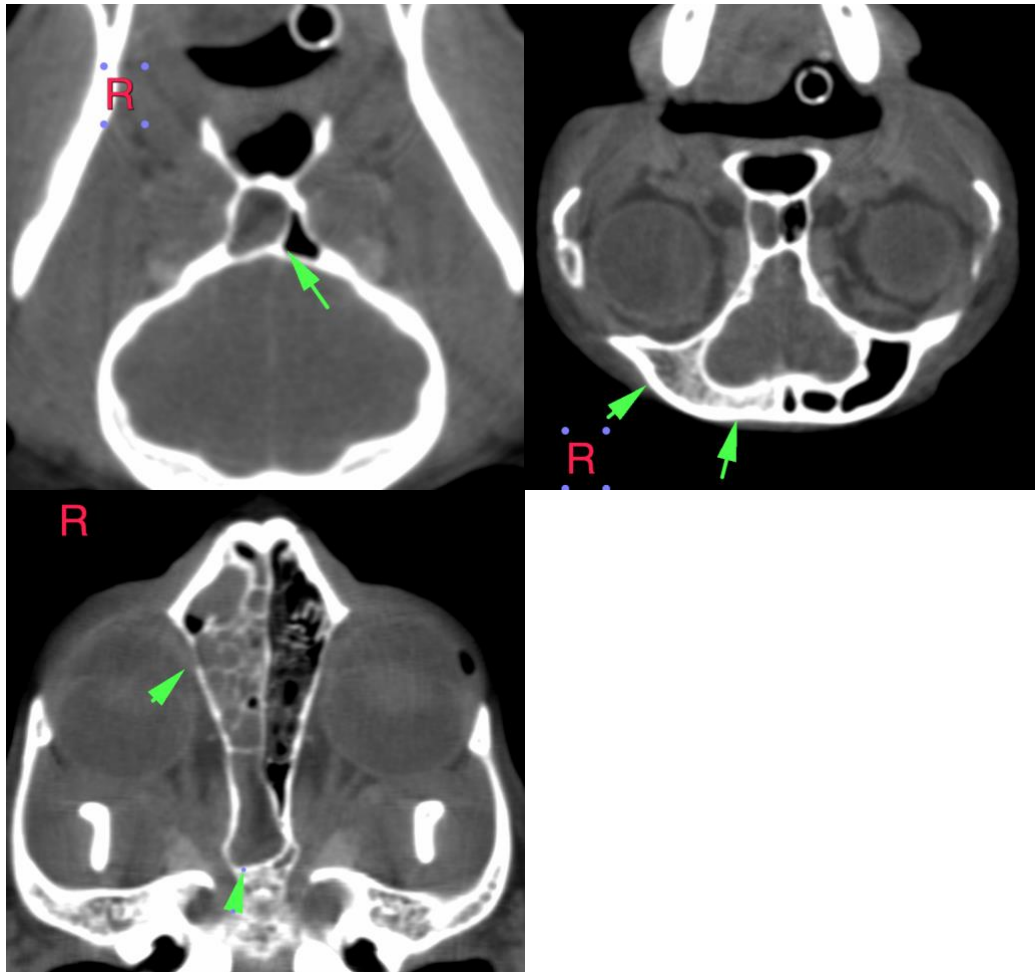
Steven Epstein

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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
info@sonopath.com



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