



## PATIENT

Mimi MacKinnon

## SPECIES

Feline

## BREED

DSH

## SEX

FS

## AGE

10Y

## WEIGHT

4.2kg

## INTERPRETED BY

Sebastian Jawinski,  
German Board  
Certified Vet Specialist  
in Diagnostic Imaging

## IMAGING PERFORMED BY

Alexa Jones

## HOSPITAL NAME

Alberta Veterinary  
Dentistry

## REFERRING VET

Dr. Maya Levy

## INVOICE

74686

## DATE

4-21-26

## PRESENTING CLINICAL SIGNS

Mar 2 2026 - Concerns for R sided nasal discharge - mucoid, unilateral, clear/yellow discharge. Sneezing frequently. Dental concerns vs. URI vs. other - Rx Clavaseptin 62.5 mg PO BID x 7 days. Mild to no improvement noted by O.

Mar 27 2026 - Recheck after pet continues to sneeze, now bloody discharge from R nostril, decrease in appetite and weight loss. Geri panel + respiratory PCR panel were tested. PCR came back negative for all parameters. Next steps dental for any nasal communication with teeth.

Apr 6/26 - COHAT at rDVM: Dental rads: possible subtle changes noted in right maxilla but this disappeared on subsequent right maxillary images. Interp noted to be difficult due to the complexity of the skull anatomy

culture and sensitivity of the nose taken - this also revealed no growth

Abnormal PE/Chem/CBC/UA Results: rDVM Geri Panel BW - no urine ran (Mar 27) CBC: Monocytosis 0.49 (0.04-0.47 x10<sup>9</sup>/L), rest WNL Chem: TP low 62 (63-88 g/L), low AST 14 (16-67 U/L), low cholesterol 2.1 (2.4-7.9 mmol/L), Rest WNL, T4 WNL presumed normal kidney function

## COMPUTED TOMOGRAPHY OF THE HEAD

Plain study provided for review.

## COMPUTED TOMOGRAPHIC FINDINGS

The right nasal cavity is completely filled with soft-tissue material showing advanced atrophy/ destruction of the rostral conches (ventral nasal concha) and lysis of the nasal septum with the lesion crossing the midline to the left. In addition to that significant osteolysis of the nasal bone is recognized with indicated expansion into the subcutaneous region. The right maxillary and palatine bone are included as well as the right frontal bone. There are mass-like margins noted in the right nasal exit. The right frontal sinus is completely filled. The cribriform plate on the right shows mild osteolysis.

The neurocranium shows normal findings as far as can be assessed.

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

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

The temporomandibular joints and the nasopharyngeal meatus have no particular findings.

The soft tissues of the head and neck, especially the cervical lymph nodes, appear regular.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspected aggressive lesion of the right nasal cavity/frontal sinus causing multifocal lysis of the nasal bony borders and the right cribriform plate



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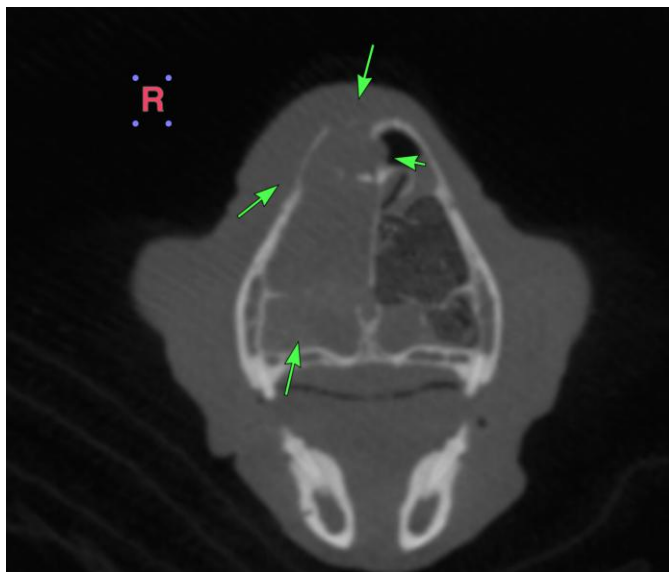
## DATE

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## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The mass-like margination on the right and the multifocal osteolysis of the bony structures, especially the cribriform plate, match criteria for malignant neoplasia.

Final assessment is not possible with CT since chronic and advanced inflammatory issues could look similar. I would favor a malignant neoplasia. Differentials include but are not limited to nasal carcinoma, squamous cell carcinoma and lymphoma. The destruction of the cribriform plate is thought to be of bad prognosis. Biopsy/swab sampling are needed for further differentiation.





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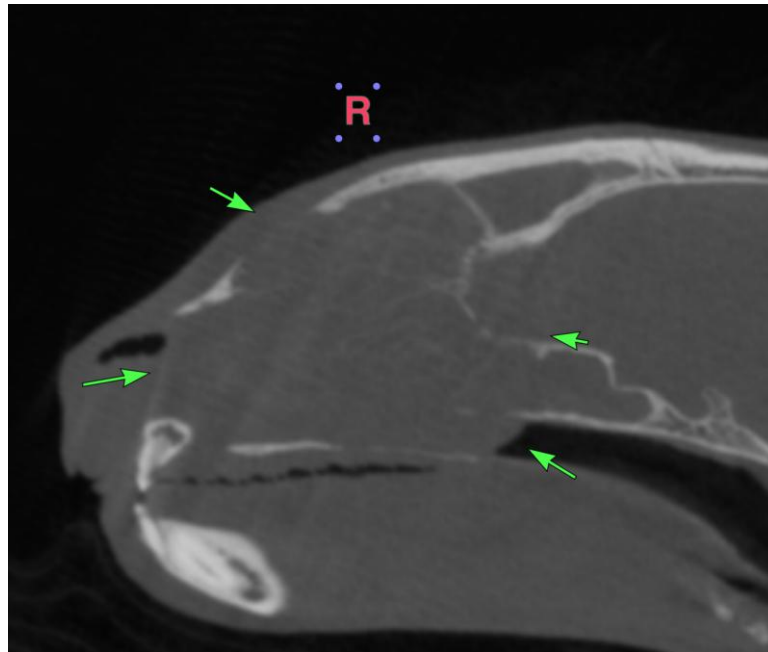
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
[info@sonopath.com](mailto:info@sonopath.com)