



PATIENT

Cathy Martin

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

14Y

WEIGHT

3.19kg

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Dr. Burton

HOSPITAL NAME

Mountain West
Veterinary Specialists

REFERRING VET

Dr. Andrew Burton

INVOICE

74058

DATE

3-5-26

PRESENTING CLINICAL SIGNS

- raspy breathing
- nasal noises

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

A pre- and post-contrast CT study of the head are provided for review totaling 2 series. One pre-contrast series of the head bone algorithm. One post-contrast series of the head, soft tissue algorithm.

COMPUTED TOMOGRAPHIC FINDINGS HEAD

Within the right nasal cavity, at the mid-caudal portion, there is a focal hypoattenuating soft tissue mass effect causing regional destruction of the nasal turbinates. The lesion extends caudally toward the region of the right sphenoidal sinus and contacts the cribriform plate, which appears thinned and protrudes toward the choana.

The lesion appears to originate approximately at the level of Triadan 107 and extends caudally. The margins are poorly defined, making precise measurement challenging; however, the lesion measures at least approximately 2.1 × 1.1 cm.

There is mild multifocal accumulation of fluid material within other portions of the nasal cavities bilaterally.

The oropharynx, caudal nasopharynx, and soft palate are within normal limits.

The frontal sinuses are unremarkable.

No intracranial mass effect or deviation of the falx cerebri is identified.

The tympanic cavities and external auditory canals are within normal limits.

The globes and retrobulbar spaces are within normal limits.

Triadan 408 is absent, with a retained root fragment present.

The temporomandibular joints are bilaterally congruent.

The medial retropharyngeal lymph nodes and mandibular lymph nodes are unremarkable.

The mandibular, parotid, and zygomatic salivary glands are unremarkable.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- There is a focal right-sided nasal cavity hypoattenuating mass effect associated with turbinate destruction and extension toward the sphenoidal sinus, contacting the cribriform plate and protrudes into the choana. Differential diagnoses include nasal neoplasia (e.g., lymphoma, nasal carcinoma), less likely invasive fungal granuloma.
- Triadan 408 absent with retained root fragment, consistent with a dental root remnant.



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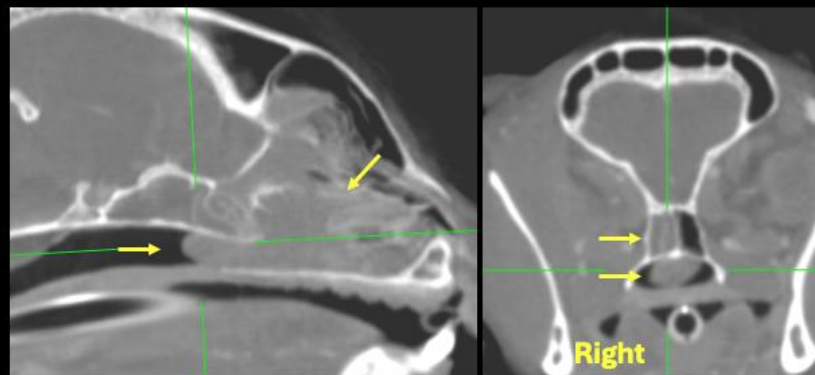
3-5-26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

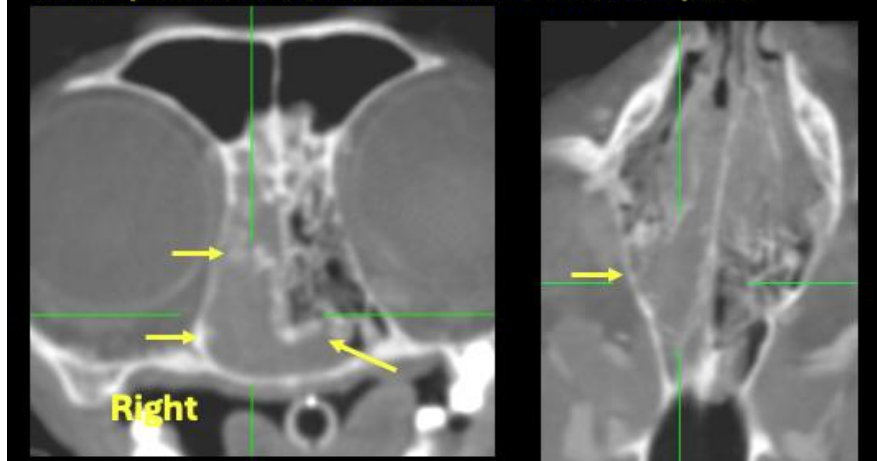
The tomographic findings demonstrate a focal soft tissue mass within the right nasal cavity, resulting in turbinate lysis and extension toward the choana and the sphenoidal sinus, with close contact with the cribriform plate. These features are most suspicious for a primary nasal neoplasm, particularly lymphoma or carcinoma, although a fungal granuloma remains a less likely differential diagnosis.

A definitive diagnosis cannot be established based solely on CT imaging, especially due to the overlap in imaging features among these diseases. Nasal flush cytology and/or rhinoscopic evaluation with biopsy are recommended for histopathological confirmation.

Right nasal cavity mass effect causing turbinate destruction and extending toward the choana and sphenoidal sinus



Right nasal cavity mass effect causing turbinate destruction and extending toward sphenoidal sinus, with contact with the cribriform plate.





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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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com