



**PATIENT PRESENTING CLINICAL SIGNS**

Cisco Woodham Sneezing, snotty nose since 24/1/23 Decreased weight Swelling dorsal RHS of nasal sinus and frontal bone, increased since initial visit ? Fungal vs neoplasia Commenced doxycycline 24/1/23

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

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

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Oriental Mix Extensive hypoattenuating fluid content and large mass effect completely fill the right nasal cavity causing loss of turbinate architecture with a consequent mild shift of the nasal septum to the left side. In addition, multifocal lysis is seen at the right side of the nasal cavity bones, in the nasal plane, in the ipsilateral medial portion of the orbital wall, and in the septal process of the frontal bone. No mass effect is seen in the right retrobulbar space. However, the hypoattenuating fluid accumulation and mass effect in the right nasal cavity protrude into the right frontal sinus and mildly into the left frontal sinus.

**SEX**

Male N

**AGE**

14 Years

There is moderate hyperostosis of the right frontal bone and portions of the adjacent nasal bone. Also, there is increased volume in the external subcutaneous soft tissue adjacent to the right nasal and frontal bones in the face.

The right side of the cribriform plate is thinner; however, there is no meningeal enhancement in the olfactory bulb.

**INTERPRETED BY**

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

Mild hypoattenuating fluid material accumulates, multifocally, in the left nasal cavity, causing mild loss of turbinate architecture.

The right sphenoidal sinus is filled with a hypoattenuating fluid material.

There is mild fluid accumulation on the choana, but other portions of the nasopharynx are normally air-filled.

**HOSPITAL NAME**

Adelaide Plains Veterinary Surgery

Multiple absent teeth, especially at the maxillary arcade, are seen. The remaining triadans include 106, 107, 204, 208, 209, 307, 308, 404, 407, and 408. A few fragments of retained root is also seen. Severe horizontal and vertical bone loss along the present teeth is present. Severe, demarcated geographic lysis in the alveolar bone adjacent to the triadans 204 and 404 is seen, with oronasal communications.

**REFERRING VET**

Dr J Katakasi

The left tympanic bulla has an accumulation of mild peripheral hypoattenuating fluid material. The right tympanic bulla is air-filled. Bilaterally, the external auditory canals are normal.

**INVOICE**

57859

The retrobulbar spaces and globes are intact.

No mass effect is seen in the brain.

The temporomandibular joints are bilaterally congruent.

**DATE**

4-17-23



**PATIENT** The medial retropharyngeal lymph nodes are asymmetrical, thickened and show heterogeneous enhancement. The right retropharyngeal lymph node measures 0.68cm thick. The left retropharyngeal lymph node measures 0.58cm thick.  
Cisco Woodham

**SPECIES** The bilateral mandibular lymph nodes are mildly enlarged and show mild heterogeneous enhancement.

Feline **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Right side nasal cavity and frontal sinus hypoattenuating fluid material, mass effect and turbinate destructive lesions, concurrent mild multifocal osteolytic lesions, and ipsilateral frontal hyperostosis. The differential diagnosis includes sino-orbital lesions likely correlated to severe chronic fungal rhinitis and sinusitis. Another differential includes a neoplastic process.
- Mild concurrent left-sided rhinitis and fluid accumulation.
- Severe periodontal disease, and root tooth abscess in the triadans 204 and 404 with concurrent oronasal communication. The differential diagnosis includes concurrent osteomyelitis.
- Left side tympanic bulla fluid accumulation, differential diagnosis, left side otitis media.
- Moderate retropharyngeal and mandibular lymphadenopathy, reactive or metastatic.

**BREED**

Oriental Mix

**SEX**

Male N

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE** Bilateral, but considerably worse in the right-side, destructive rhinitis and sinusitis are seen. The differential diagnosis includes fungal rhinitis. However, nasal neoplasm should be considered because an overlap between neoplasia and destructive rhinitis in cats exists. Concurrent bacterial rhinitis is considered due to the severe periodontal disease and areas of oronasal communication.  
14 Years

**INTERPRETED BY** Nasal flush biopsy is suggested for confirmation.

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

Correlate the dental findings with oral exam.

**HOSPITAL NAME**

Adelaide Plains  
Veterinary Surgery

**REFERRING VET**

Dr J Katakasi

**INVOICE**

57859

**DATE**

4-17-23



**PATIENT**

Cisco Woodham

**SPECIES**

Feline

**BREED**

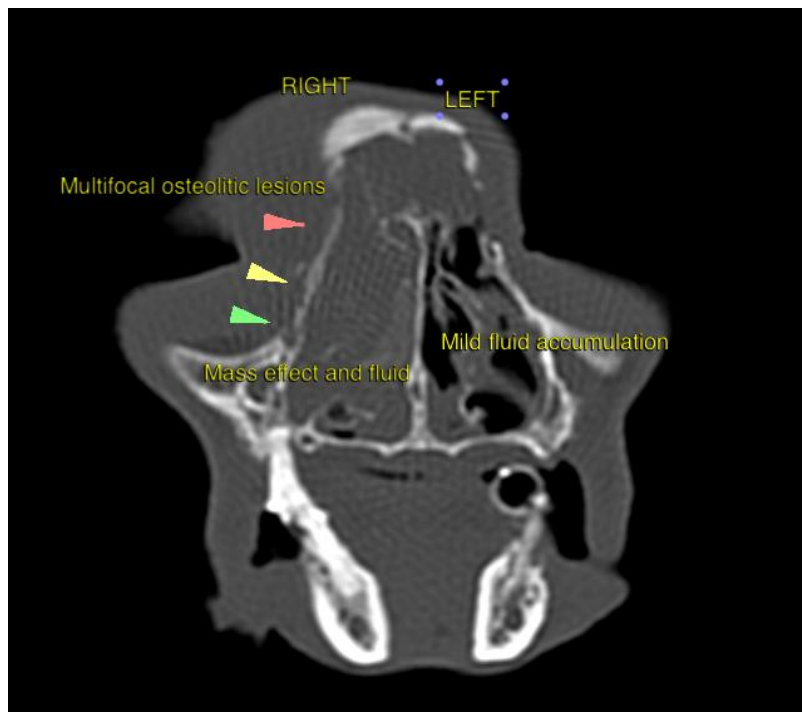
Oriental Mix

**SEX**

Male N

**AGE**

14 Years



**INTERPRETED BY**

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

**HOSPITAL NAME**

Adelaide Plains  
Veterinary Surgery

**REFERRING VET**

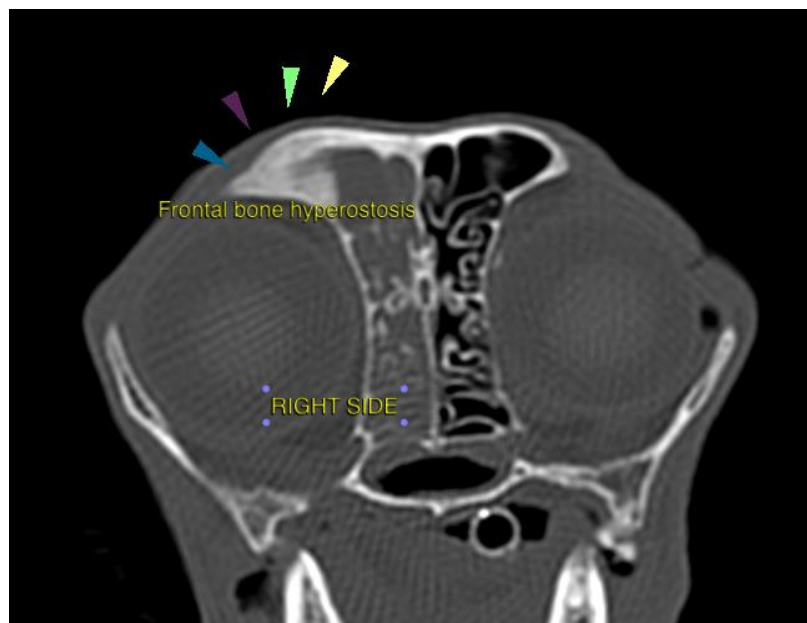
Dr J Katakasi

**INVOICE**

57859

**DATE**

4-17-23





**PATIENT**

Cisco Woodham

**SPECIES**

Feline

**BREED**

Oriental Mix

**SEX**

Male N

**AGE**

14 Years

**INTERPRETED BY**

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

**HOSPITAL NAME**

Adelaide Plains  
Veterinary Surgery

**REFERRING VET**

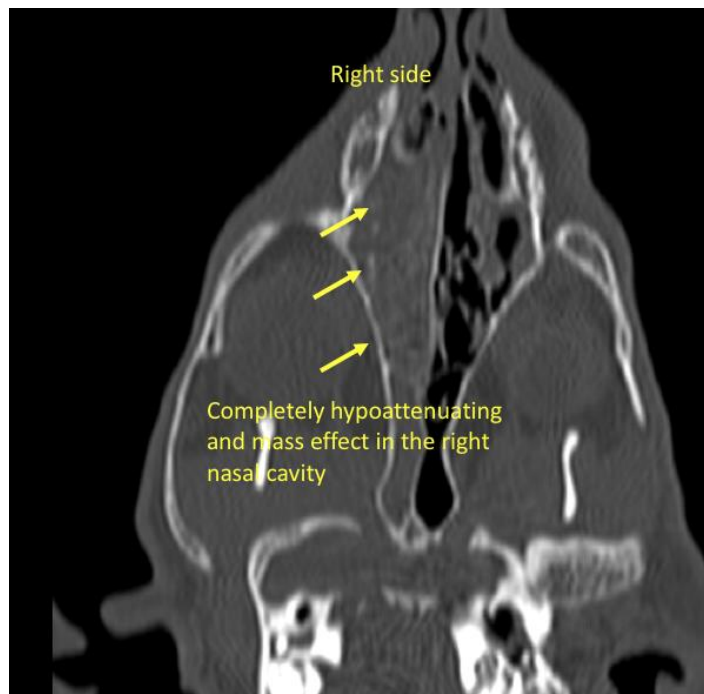
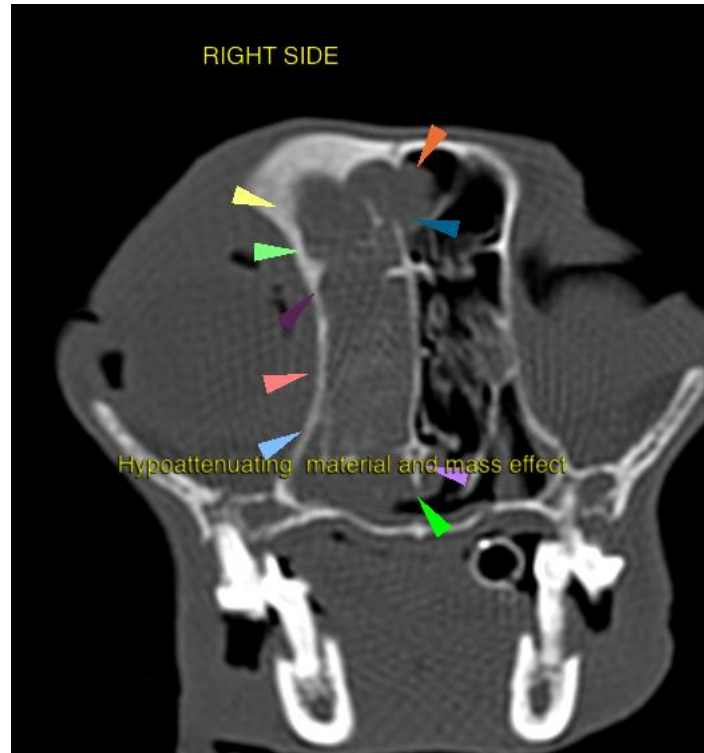
Dr J Katakasi

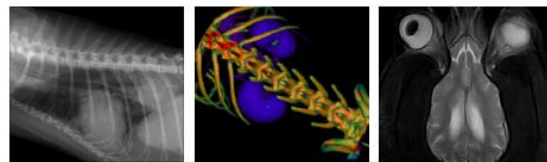
**INVOICE**

57859

**DATE**

4-17-23





**PATIENT**

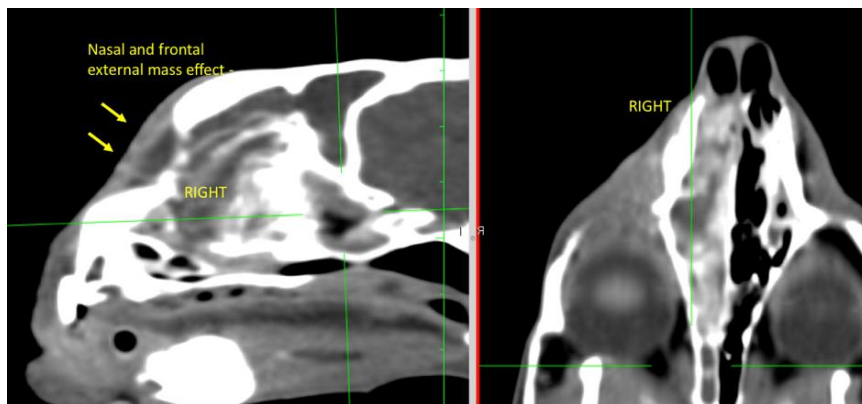
Cisco Woodham

**SPECIES**

Feline

**BREED**

Oriental Mix



**SEX**

Male N

**AGE**

14 Years

**INTERPRETED BY**

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

**HOSPITAL NAME**

Adelaide Plains  
Veterinary Surgery

**REFERRING VET**

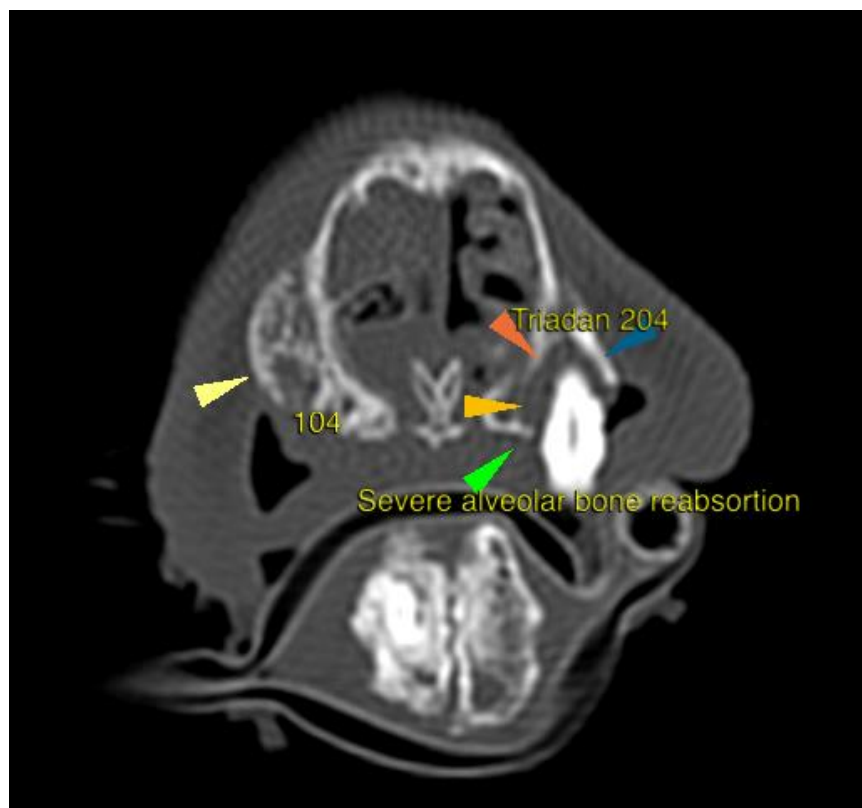
Dr J Katakasi

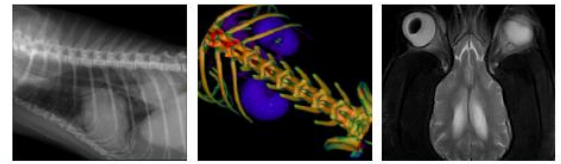
**INVOICE**

57859

**DATE**

4-17-23





**PATIENT**

Cisco Woodham

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.

**SPECIES**

Feline

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

**BREED**

Oriental Mix

**SEX**

Male N

**AGE**

14 Years

**INTERPRETED BY**

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

**HOSPITAL NAME**

Adelaide Plains  
Veterinary Surgery

**REFERRING VET**

Dr J Katakasi

**INVOICE**

57859

**DATE**

4-17-23