



PATIENT PRESENTING CLINICAL SIGNS

Tootsie Onderdonk Patient has had nasal congestion, sneezing with blood intermittently for the last couple of months. The symptoms had not responded to three different antibiotics and steroids.
Abnormal PE/Chem/CBC/UA Results: CBC and chemistries unremarkable

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL

Canine A high resolution post-contrast CT study of the skull is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED
Terrier Mix The tooth elements 206 and 411 are absent. Mineral attenuating material is attached to the crowns of multiple buccal teeth.

SEX
FS The right nasal cavity is obliterated by irregular contrast enhancing soft tissue material. Advanced destruction of the associated conchal & turbinate structures is seen. The associated right maxillary bone, palatine bone, right frontal bone and ethmoid bone – including the cribriform plate – present aggressive osteolytic lesions and the mass is perforating the right orbital cavity and rostral cranial fossa. The right ocular bulb is deviated rostrally and laterally by the mass effect. The nasal septum is deviated to the left and perforated by the mass. In the caudal aspect the choana are obliterated by the mass.

AGE
10 Years Mild left sided deviation of the rostral part of the falx cerebri is noted.

INTERPRETED BY
Sebastian Schaub, DVM
Dr. med. vet. DipECVDI Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

The right mandibular lymph nodes are prominent.

HOSPITAL NAME COMPUTED TOMOGRAPHIC DIAGNOSIS

- Petroglyph Animal Hospital
- Biologically aggressive right nasal soft tissue neoplasia with polyostotic aggressive osteolytic lesions and perforation of the cranial fossa
 - Secondary right sided exophthalmos
 - Lymphadenopathy right mandibular lymph nodes
 - Multiple absent teeth

REFERRING VET

Alice Ku

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE
57804 The CT study is consistent with primary right nasal soft tissue neoplasm, perforating the cranial fossa and causing complete upper airway obstruction – explaining the presenting clinical signs. Differentials include adenocarcinoma, squamous cell carcinoma, transitional cell carcinoma, lymphosarcoma, other. Rhinoscopy including biopsy can be used as advanced diagnostic test. Based on the results of the advanced diagnostic tests, the chances of radiation therapy can be discussed with oncologist. The Adam tumor stage is T4.

DATE
4-13-23 The odds for metastatic spread to the right mandibular lymph nodes are high. Consider full tumor staging.



PATIENT

Tootsie Onderdonk

SPECIES

Canine

BREED

Terrier Mix

SEX

FS

AGE

10 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Petroglyph Animal
Hospital

REFERRING VET

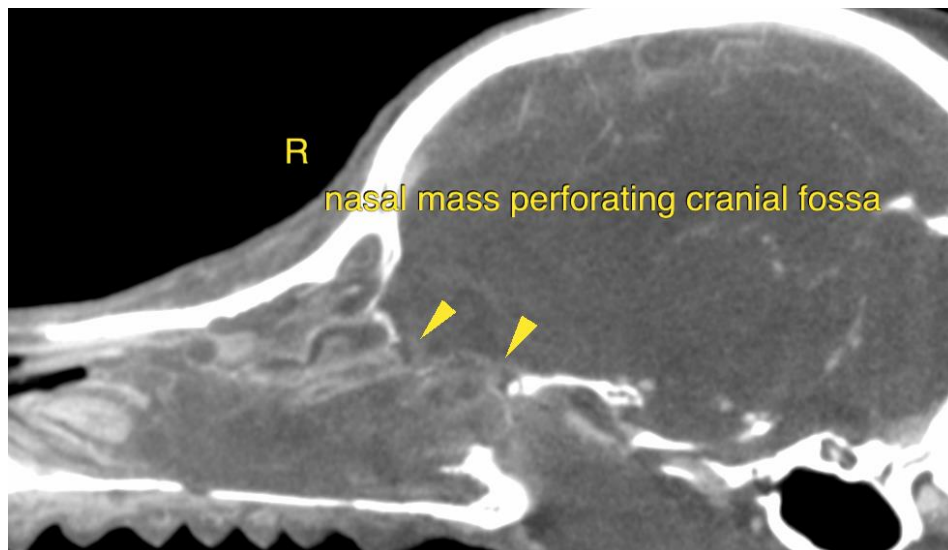
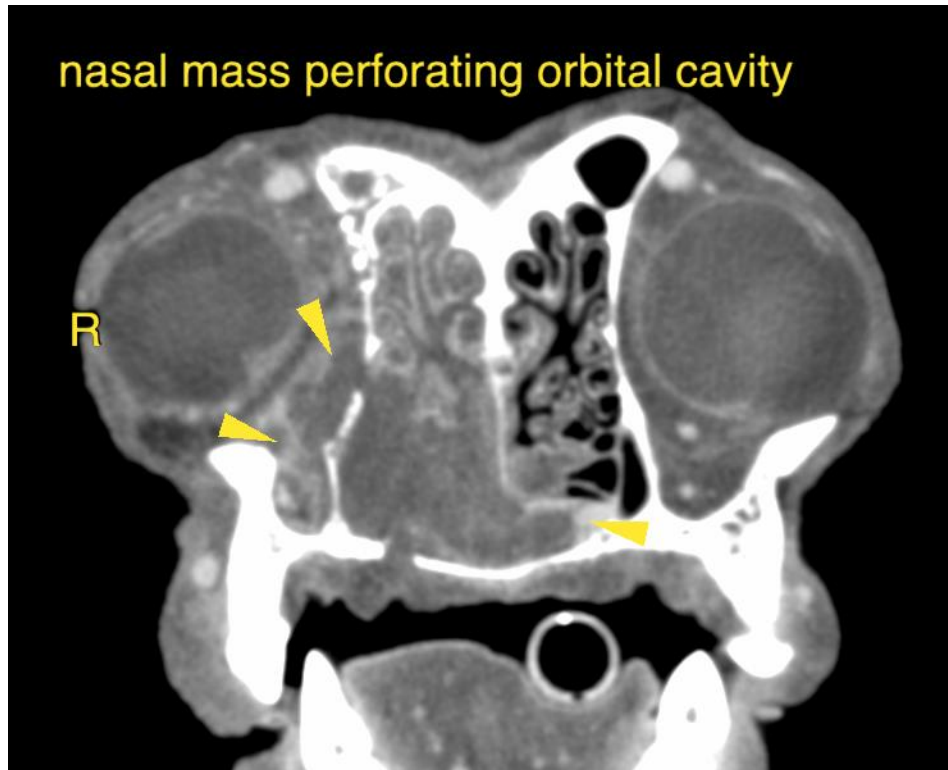
Alice Ku

INVOICE

57804

DATE

4-13-23





PATIENT

Tootsie Onderdonk

SPECIES

Canine

BREED

Terrier Mix

SEX

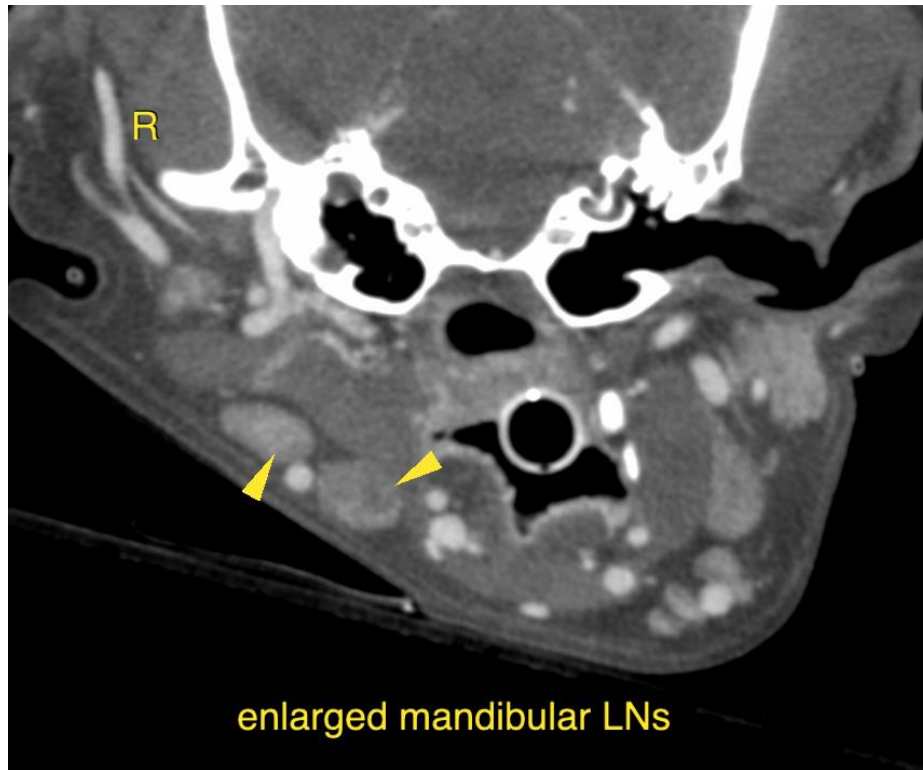
FS

AGE

10 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI



HOSPITAL NAME

Petroglyph Animal
Hospital

REFERRING VET

Alice Ku

INVOICE

57804

DATE

4-13-23

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 Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com