



PATIENT

Sparky Straight

PRESENTING CLINICAL SIGNS

P has had discharge from R nostril sometimes clear other times it is blood tinged. P has not been sneezing. P has had the issues since October was given allergy meds and they seemed to help improve the concerns. Once finished with meds P started having the same issues, O refilled meds but this time they did not seem to help. O went to different vet office where they recommended a CT. Upon the time of the CT/Dental we performed a sinus flush.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

BREED

Chihuahua

Plain and post contrast studies provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Neutered Male

A large irregular shaped and ill-defined soft tissue attenuating mass with strong heterogeneous enhancement is occupying the mid and caudal third of both nasal cavities. There is extensive turbinate and conchae destruction. Severe polyostotic aggressive lysis of the surrounding bones including both nasal bones, hard palate, both bony orbita, both maxillary bones, both frontal bones, and the cribriform plate is seen allowing for invasion of the soft palate as well as extension into both orbita, the right frontal sinus, and perforation of the cribriform plate. Approximate measurements are 3.6 x 2.6 cm. The left frontal sinus is filled with fluid attenuating material. Part of the mass extends into the left frontal sinus as well.

AGE

15

The dentition is incomplete. The remaining teeth present moderate to severe periodontal changes; however, no association between the nasal and dental pathology is present.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDF

The regional lymph nodes present within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

HOSPITAL NAME

Scottsdale Veterinary
Clinic

- Nasal soft tissue mass with aggressive biological behavior and extension into the cranial vault, both bony orbita, both frontal sinuses, as well as naso- and oro- pharyngeal extension.
- Incomplete dentition with multifocal periodontal disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Dr. Hertz

The CT findings are consistent with a malignant soft tissue neoplasia within the nasal cavities with extensive and polyostotic aggressive bone lysis which allows for extension into both orbita, both frontal sinuses, into the cranial vault, and naso- and oro- pharynx. Differential diagnosis includes adenocarcinoma, other carcinoma, lymphosarcoma, and other. Final diagnosis would require sampling for histology which could be considered if a final diagnosis is strived. However, tumor growth is extensive, and the long term prognosis is poor.

INVOICE

50561

DATE

2-23-22



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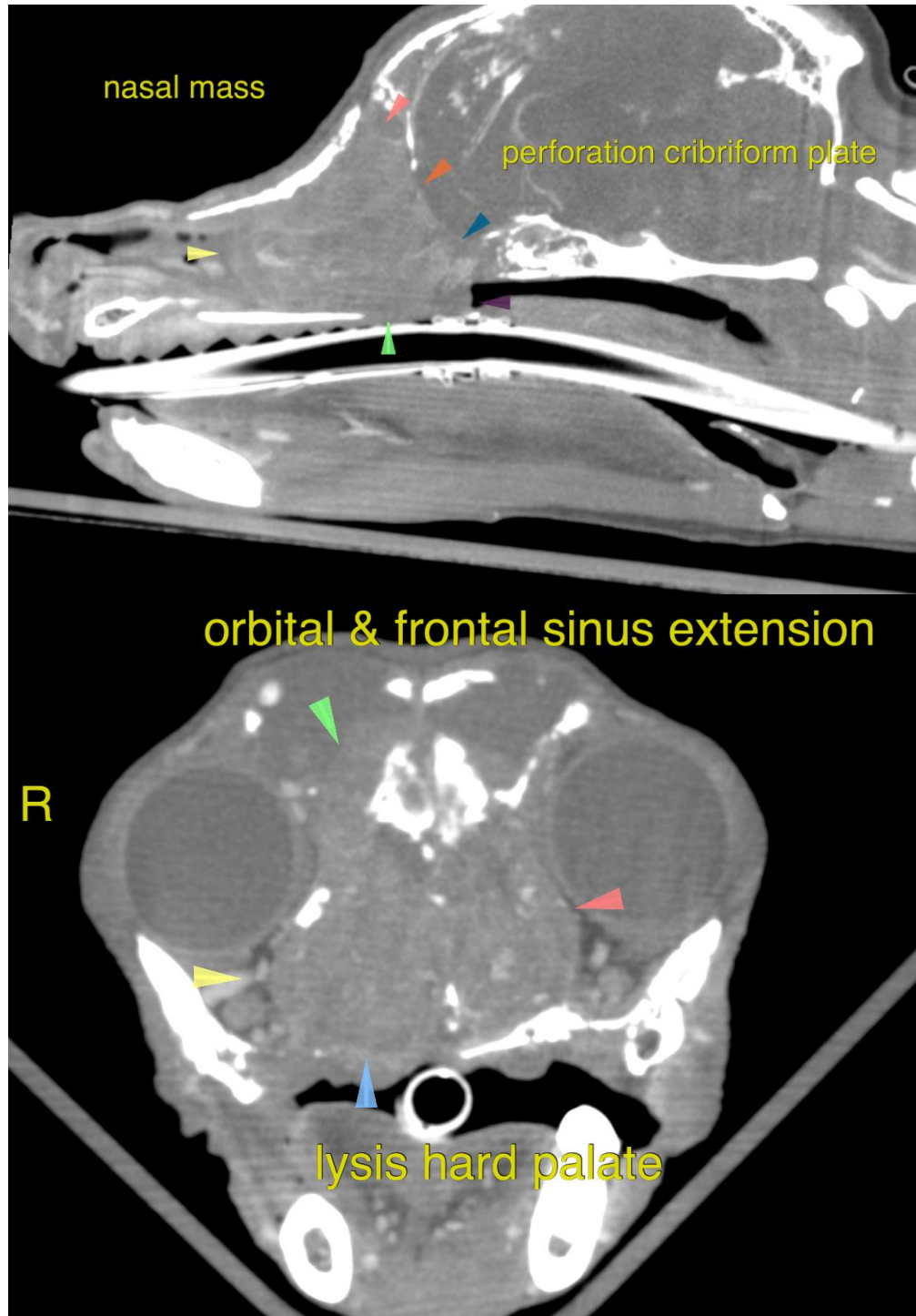
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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