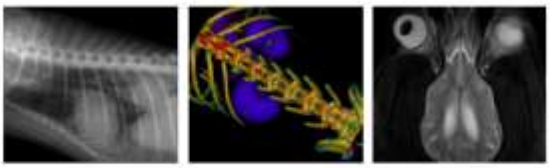
SonoPath Teleradiology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Luke #20189H Van Winkle

SPECIES

Canine

BREED

Labrador Retriever

SEX

MN

AGE

11 Years, 6 Months

INTERPRETED BY

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging

HOSPITAL NAME

Gentle Doctor Animal Hospital

REFERRING VET

Sarah Rotthaus, DVM

INVOICE

49469

DATE

1-11-22

PRESENTING CLINICAL SIGNS

Hospital Name Gentle Doctor Animal Hospital Email Address lab@gdah.vet Phone Number (402) 445-4400 Notes to the Specialist Notes to the Specialist Species Canine Breed Labrador Retriever Gender M-N Age 11yrs 6mo Weight 86.5 lbs Patient presents for 6 month CT screen of left sided nasal adenocarcinoma originally diagnosed in March 2020. Has been in remission since sterotactic radiation therapy in July 2020. Last CT performed and submitted to Sonopath on 7/1/2021 revealing destruction of turbinates secondary to radiation but no regrowth of tumor. Patient has since been feeling well but has significant amounts of mucoid discharge from both nostrils. Responds partially to zeniquin. Nasal culture also done today.
Abnormal PE/Chem/CBC/UA Results: Patient is down from 98 lbs in May 2021 to 86.5 lbs today. Mild hypoprotenemia, known protein loosing nepropathy managed on benazepril Hypothyroid managed on levothyroixine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Head pre/post contrast and CT study dated 7/1/21 for comparison provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The neurocranium shows normal findings.

The bony borders of the nasal cavities predominantly on the left reveal multiple moth-eaten lytic lesions as recognized in July 21. Multiple perforations are detected including the palatine, nasal and maxillary bone. The cribriform plate appears intact. Conchal structures are not noted with empty sinuses and nasal cavities. Mild pooling of fluid dense material is seen in both. The orbital contents are laterally symmetrical without evidence of a retrobulbar lesion.

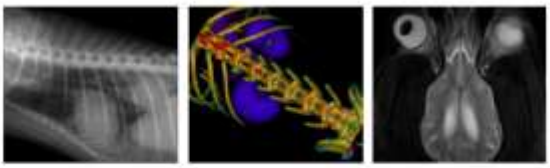
Bony structures of the skull and the skull foramina of the cranial nerves are laterally symmetrical and inconspicuous. Both tympanic bullae are completely ventilated with a regular tympanic bulla wall.

External ear canals are ventilated in all sections, walls of the external ear canals, the adjacent temporomandibular joints and the nasopharyngeal meatus have no particular findings.

Post contrast images show no pathological enhancement. Soft tissues of the head and neck are symmetrical and of homogeneous density, especially the mandibular and medial retropharyngeal lymph nodes.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Complete and bilateral atrophy of the conches secondary to radiation therapy
- Marked moth-eaten pattern of the left bony nasal borders
- Mild and age-appropriate degenerative changes of the teeth and external ear canals
- No evidence of regional metastases



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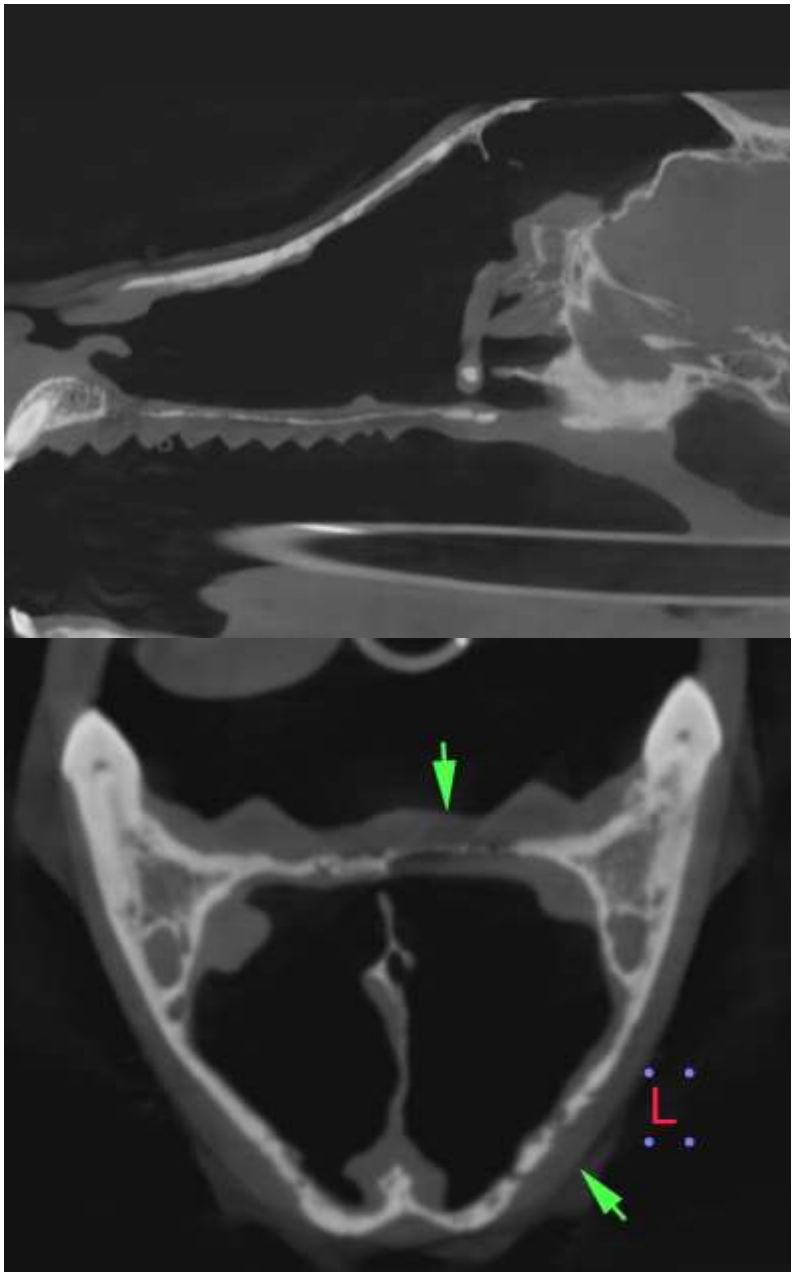
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Regarding the findings of July 2021 CT changes are subjectively mildly progressive. This is not an overt sign for recurrence of adenocarcinoma but more likely caused by chronic and permanent infection/inflammation with a mildly aggressive/erosive biological behavior. Mass formation and regional metastatic spread are not recognized.



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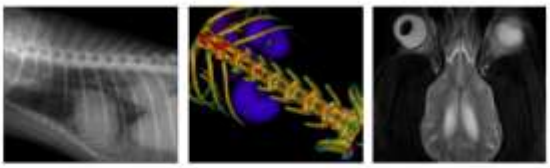

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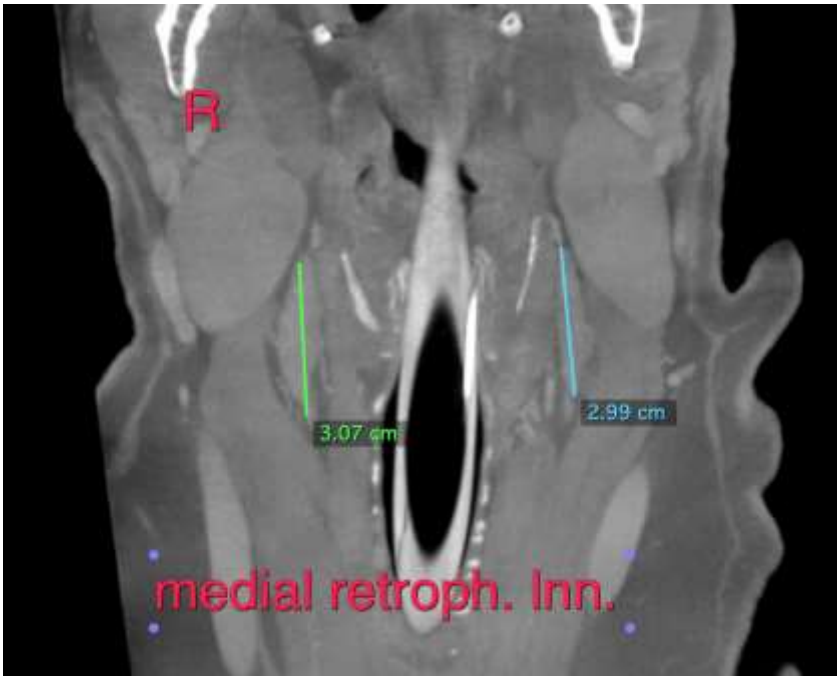

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
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