



PATIENT

Bidu Nakamura

PRESENTING CLINICAL SIGNS

Longer history of persistent otitis externa left ear - minimally responsive to all medications. Removed a suspected ceruminous adenoma from the left ear via surgical CO2 ablation July 2021. Bleeding & infection in the canal persists - intermittent and ranges in severity. Considering TECA/BO.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Decreased RBC $5.01 \times 10^{12}/L$, HCT 29.5%, HGB 12.7 g/dL, increased PLT 612 K/uL, CA 3.02 mmol/L, ALKP 325 U/L

BREED

Shih Tzu

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Pre/post contrast studies provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Head/neck:

MN

The interhemispheric gap is in the midline with no evidence of a mass effect. As far as can be assessed, there are regular cortical gyri in the cerebral and cerebellar region with a symmetrical ventricular system. Brain stem and cerebellum are inconspicuous. Pituitary gland is within normal limits.

AGE

15.5 Years

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

Bony structures of skull and the skull foramina of the cranial nerves are laterally symmetrical and inconspicuous. Especially the left petrosal bone and cochlea appear normal with smoothly marginated bone surfaces.

Both tympanic bullae are completely ventilated with a regular tympanic bulla wall.

The right external ear canal is ventilated in all sections with a regular wall.

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On the left significant thickening of the canal wall is recognized with formation of an expansile soft tissue dense mass in the horizontal section adjacent to the tympanic membrane. Integrity of the latter is intact. Maximum diameters of the mass measure 2.29 x 1.60 cm. Images after contrast reveal a mildly heterogeneous enhancement. The peripheral parotid gland and fat tissue are inconspicuous.

REFERRING VET

Dr. J. Kellsey

The adjacent temporomandibular joints and the nasopharyngeal meatus have no particular findings.

INVOICE

49001

Frontal sinuses and the orbital contents are laterally symmetrical without evidence of a retrobulbar lesion. Nasal cavities are ventilated regularly.

DATE

12-13-21

Soft tissues of the head and neck present a mildly enlarged left medial retropharyngeal lymph node. Both superficial cervical lymph nodes appear amorphous, enlarged and present fuzzy adjacent fat tissue.



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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Signs of a chronic otitis externa on the left
- Soft tissue mass horizontal part of the external canal on the left
- Mild left retropharyngeal and moderate bilateral superficial cervical lymphadenomegaly
- Normal CT findings of the neurocranium

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Shih Tzu

CT findings show obvious signs of an active otitis externa on the left side. There are multiple differentials for the soft tissue mass existing including adenoma and adenocarcinoma of the ceruminous glands. Currently the tympanic membrane and the adjacent structures are respected, local aggressive behavior is not detected except for the expansile growth. The mild enlargement of the left medial retropharyngeal lymph nodes is still consistent with mild inflammation.

SEX

MN

Please rule out neoplasia of the superficial cervical lymph nodes (FNA/biopsy) since they are amorphously enlarged and show reactive periphery. TECA should be considered once neoplastic infiltration of the lymph nodes is ruled out.

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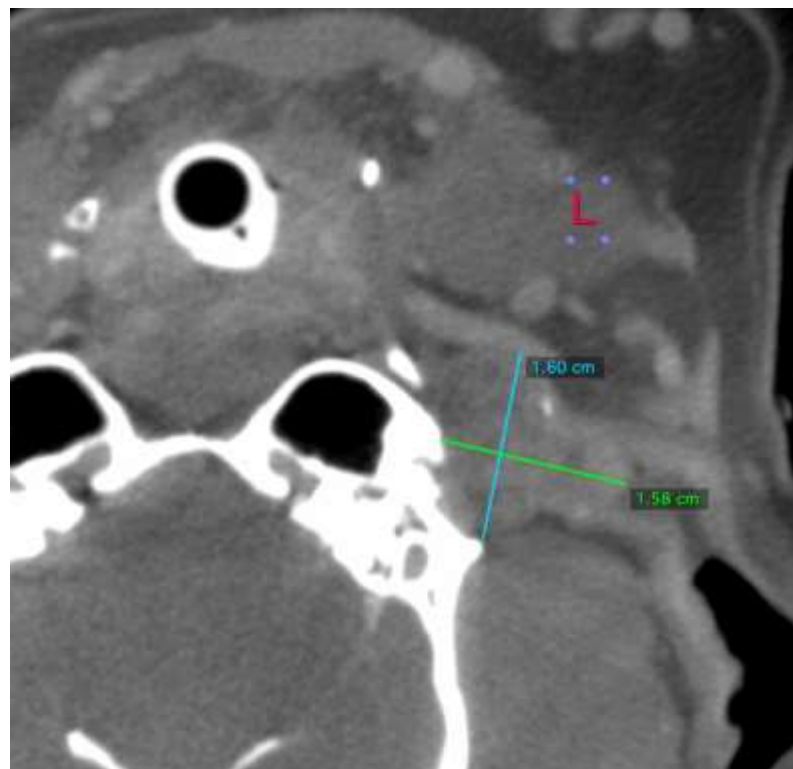
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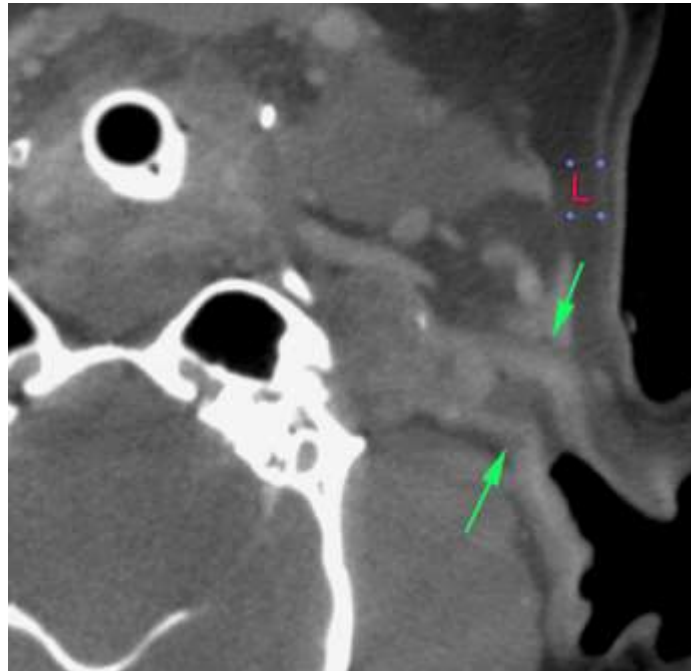
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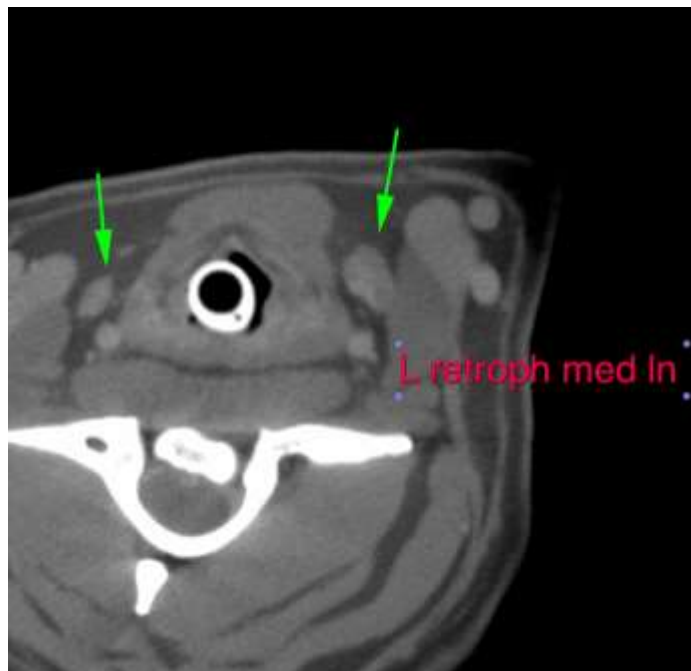
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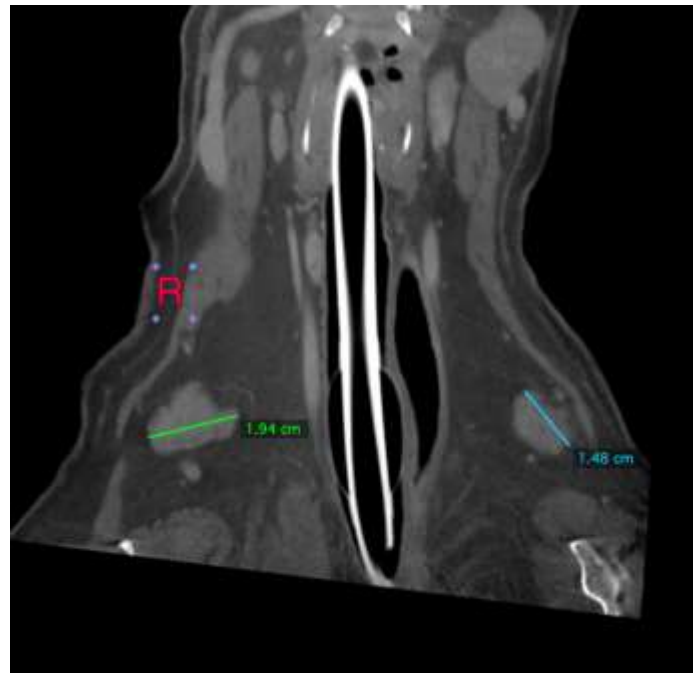
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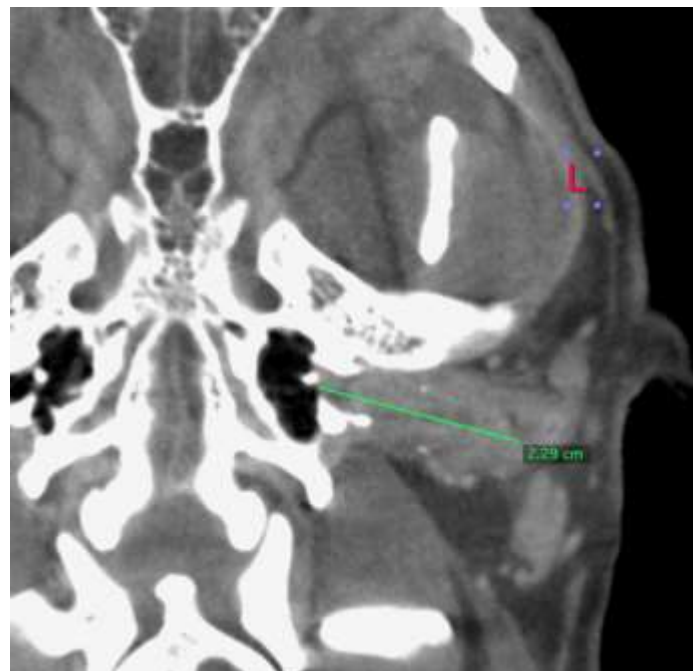
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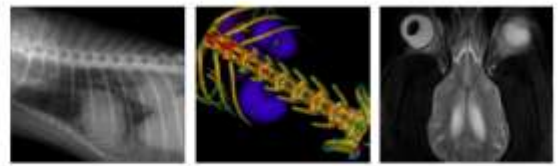
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

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