



PATIENT

KJ Duda

SPECIES

Canine

BREED

Shih Tzu

SEX

MN

AGE

10Y

WEIGHT

4.5kg

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

IMAGING PERFORMED BY

Mobile Pet Imaging

HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

Armstrong

INVOICE

73119

DATE

12-29-25

PRESENTING CLINICAL SIGNS

KJ presented for further evaluation of his recently diagnosed malignant sebaceous epithelioma. He had 6 month history of twitching of the right shoulder and head and severe right otitis. The twitching completely resolved when the ear infection was treated and would recur when the infection recurred. He was found to have a mass at the right external ear canal and this was surgically removed November 27th and found to be an incompletely resected malignant sebaceous epithelioma. He has felt well since surgery and is on no therapy at home. Thoracic radiographs were normal. November 1st the mass was described as 5 mm in "lateral proximal aspect of the ventral canal" and was ulcerated.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

Focal epithelial thickening measuring approximately 3 x 1mm is seen along the lateral canal wall within the mid aspect of the right horizontal external auditory meatus. The remaining epithelial lining of the right external auditory meatus presents generalized thickening. The tympanic bullae are bilaterally unremarkable with normal aeration and thin osseous lining. Mild signs of left sided otitis externa characterized by mild thickening of the epithelial lining and hypoattenuating material in the medial aspect of the left external auditory meatus is noted.

The submandibular and retropharyngeal lymph nodes present within normal limits for size and attenuation.

The salivary glands present within normal limits.

The visible dentition is within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Focal epithelial thickening in the right horizontal ear canal in a patient with history of incompletely resected malignant sebaceous epithelioma.
- Chronic right sided otitis externa.
- Mild left sided otitis externa.
- No evidence of otitis media.
- No evidence of regional lymph node metastasis.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The subtle focal thickening within the right horizontal ear canal may represent residual post-operative



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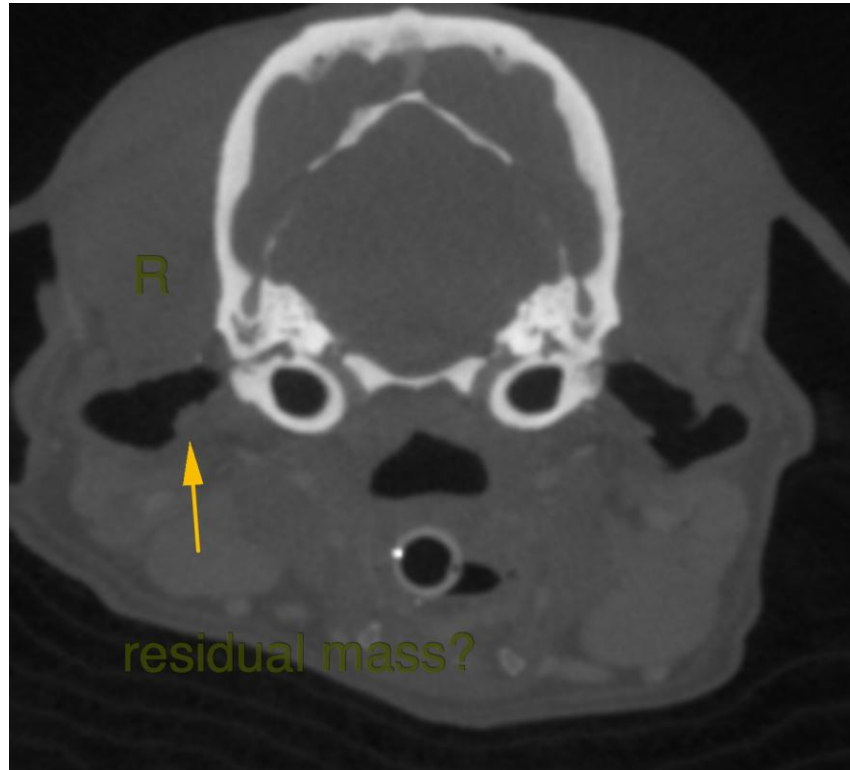
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tumor tissue or scarring, early local tumor regrowth, or inflammatory epithelial thickening associated with otitis externa. Clinical correlation and direct visualization remain essential as well as targeted biopsy, if the area appears abnormal or progressive on follow up examination. Proactive TECA with consecutive histopathologic examination of the removed tissue can be considered alternatively as well.



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.

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