



## PATIENT PRESENTING CLINICAL SIGNS

Carmilla Wesley

- Was originally seen at another clinic in Feb for a lump on mouth that was originally a pencil eraser size but that that time was 2x2x1.5 cm. Surgery was scheduled for removal.
- Presented again to the other clinic in March and now mass had increased to 9x9x4 centimeters.

## SPECIES

Canine

- O presented today to us for possible mass removal, surgical planning via CT was agreed upon
- O did ask us to drain mass but after 2 stab incisions, only small amount of blood was expressed and no reduction in size.

## BREED

Chihuahua Mix

Abnormal PE/Chem/CBC/UA Results: Bloodwork done on March 16th showed mildly elevated ALKP, ALT normal

## COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

## SEX

Plain and post contrast studies are available for review.

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## COMPUTED TOMOGRAPHIC FINDINGS

## AGE

7yr

The CT study shows a large ovoid soft tissue mass measuring ~ 7 x 8 x 9 cm located ventral to the right ear in the anatomic position of the right parotid salivary gland. The mass is cavitated with marked heterogeneous contrast enhancement showing predominance of peripheral enhancement.

## INTERPRETED BY

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

A significant mass effect on the adjacent ear canal is noted with dorsal displacement and compression but no clear invasion of the canal lumen. No definitive aggressive osteolysis of adjacent skull structures is identified.

The adjacent right retropharyngeal lymph node is moderately enlarged with slightly heterogeneous contrast enhancement.

## HOSPITAL NAME

Green Prairie Animal  
Hospital

A periodontal soft tissue mass of 1.3 x 1 cm is located buccal to tooth 108 between the mesial and distal roots. Associated focal smooth bone lysis / atrophy is noted suggestive of a chronic or slowly progressive process.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

## REFERRING VET

Dr. George Eales

- Large cavitated right parotid region mass with heterogeneous enhancement and regional mass effect most consistent with neoplasia with aggressive biological behavior such as parotid carcinoma, hemangiosarcoma or other sarcoma.
- Moderate right retropharyngeal lymphadenopathy suspicious for metastatic involvement, reactive change possible as well.
- Separate periodontal mass at tooth 108 likely unrelated to the primary mass

## INVOICE

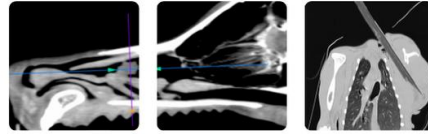
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## DATE

03/25/2026

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The rapid growth and CT findings of the large mass in the right parotid region support aggressive neoplastic process. Carcinoma of the parotid salivary gland, hemangiosarcoma or other soft tissue sarcoma is a primary differential diagnosis. Benign neoplasia cannot be ruled out entirely but is considered by far less likely.



**PATIENT**

Carmilla Wesley

The retropharyngeal lymph node enlargement raises concern for regional metastasis. Reactive change is a possible differential diagnosis as well. Tissue diagnosis by means of incisional or excisional biopsy is strongly recommended for definitive diagnosis. Lymph node sampling by means of FNA of the right retropharyngeal lymph node is recommended as well.

**SPECIES**

Canine

Consider thoracic staging by means of CT or radiographs.

Dental evaluation and treatment can be considered as well though likely unrelated.

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**SEX**

F

**AGE**

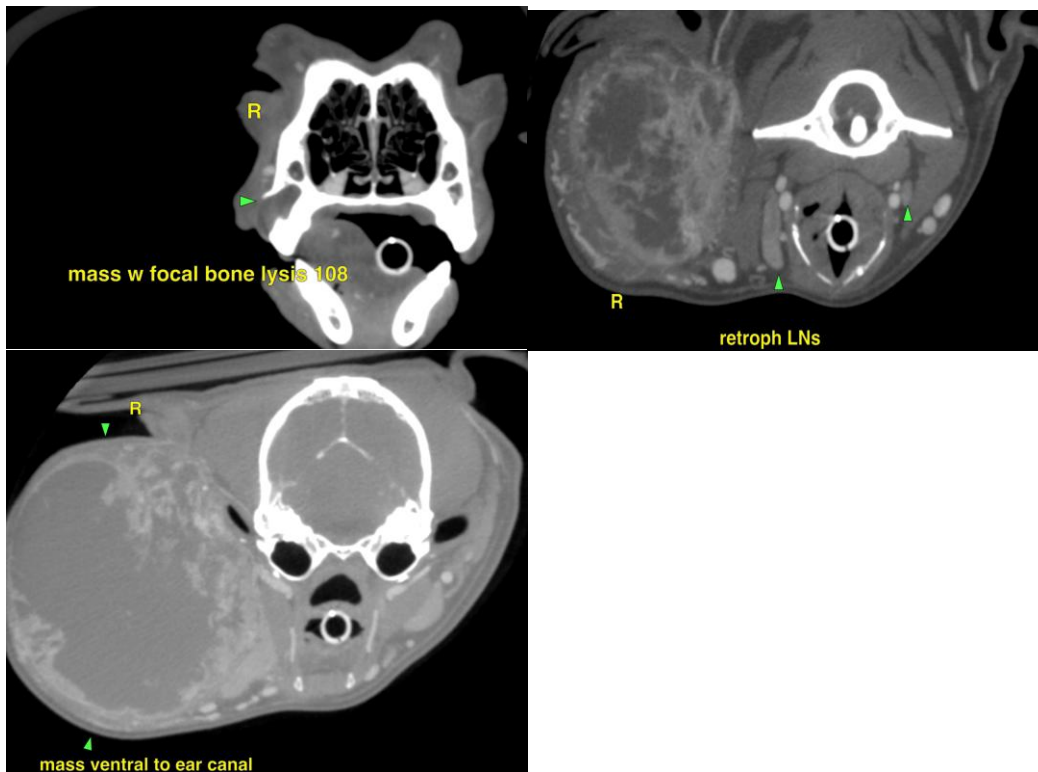
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**REFERRING VET**

Dr. George Eales

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.

**INVOICE**

24299

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Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.

**DATE**

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