



PATIENT PRESENTING CLINICAL SIGNS

Grizzle Cruze Mass/swelling noted about 2-4 weeks ago and extends from right caudal mandible area and extends to left beyond midline. > 10 cm. Firm, non-painful.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Canine Plain study available for review. Vascular contrast was not achieved.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Newfoundland

A large ill-defined soft tissue / fluid attenuating mass effect measuring ~ 10 cm in diameter is present within the right submandibular region centered adjacent to the mandibular salivary gland and right submandibular lymph nodes. The lesion extends across the midline and toward the ventral cervical soft tissues. Marked regional mass effect, surrounding fat stranding and soft tissue swelling are present. No mineralized foreign material is identified due to the lack of IV contrast enhancement. Distinction between fluid filled / inflammatory, cystic or neoplastic tissue components is limited. No aggressive osseous changes are seen.

SEX

MN

Regional mild regional lymphadenomegaly is noted.

AGE

6yr

Bilateral thickening of the epithelium of the ear canal with luminal stenosis and hypoattenuating luminal material is seen. The middle ear is bilaterally normal.

INTERPRETED BY

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large ill-defined right submandibular soft tissue lesion with surrounding cellulitis and regional lymphadenopathy. Lack of contrast enhancement substantially limits further characterization of the lesion.
- Chronic bilateral otitis externa

HOSPITAL NAME

Williamsport West

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Differential diagnoses include sialocele /salivary mucocele, abscess or less likely soft tissue neoplasia. Ultrasound guided aspiration of the lesion content is recommended as next diagnostic step to determine whether the lesion contains saliva, inflammatory exudate, hemorrhagic material or neoplastic cells. Repeat contrast enhanced CT or cervical ultrasound may be beneficial for further characterization if clinically indicated as well.

REFERRING VET

Jenni Slotterback,
DVM

The lymph node enlargement is suggestive for reactive change. Neoplastic infiltrate cannot be completely excluded. FNA of the lymph nodes can be considered for further definition.

INVOICE

24905

DATE

05/21/2026



PATIENT

Grizzle Cruze

SPECIES

Canine

BREED

Newfoundland

SEX

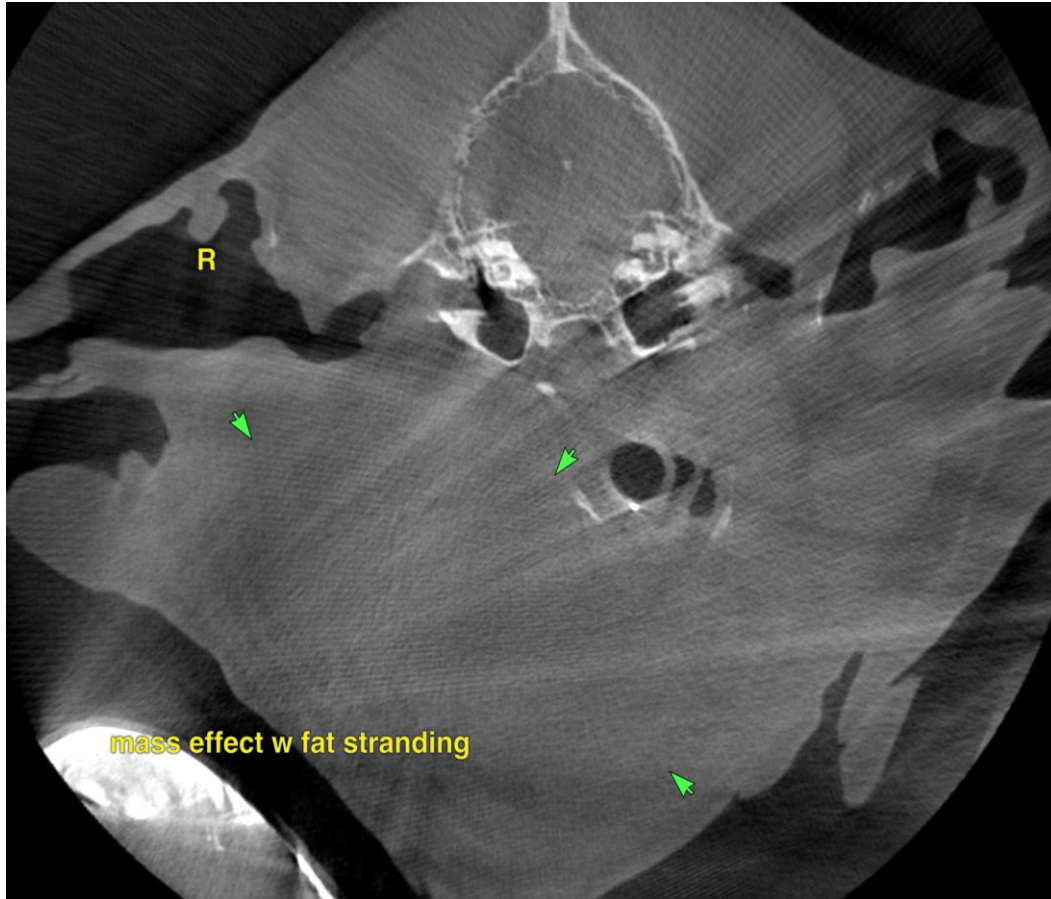
MN

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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.

Nele Eley (Ondreka), DVM, Dr. med. vet., DipECVDI
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Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.
info@sonopath.com



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