



PATIENT

Hazel Santiago

SPECIES

Canine

BREED

Mixed

SEX

M

AGE

2

WEIGHT

43

INTERPRETED BY

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

IMAGING PERFORMED BY

JD Veterinary Imaging
Center

HOSPITAL NAME

Juana Diaz Animal
Hospital

REFERRING VET

Dr Jose Rivera Torres
DVM

INVOICE

74003

DATE

3-2-26

PRESENTING CLINICAL SIGNS

Patient presented unable to open jaw even sedated and facial muscle wasting. Suspect MMM

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain study in soft tissue and bone windows available for review only.

COMPUTED TOMOGRAPHIC FINDINGS

Asymmetric masticatory muscle atrophy more pronounced on the left is seen. No structural muscle changes or masses are detected. There is no evidence of hemorrhage or mineralization.

The temporomandibular joints and dentition appear normal.

Both tympanic bullae are filled with a moderate amount of fluid attenuating material.

Bilateral mild to moderate submandibular and retropharyngeal lymphadenomegaly is seen.

The skull bones are intact.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Asymmetric masticatory muscle atrophy consistent with atypical masticatory muscle myositis.
- Bilateral tympanic bulla effusion.
- Bilateral submandibular and retropharyngeal lymphadenomegaly likely reactive: differential diagnosis neoplastic.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Typical masticatory muscle myopathy usually presents with bilateral swelling or muscle atrophy. This case is unusual due to the asymmetric atrophy more pronounced on the left. Differential diagnosis, aside from masticatory muscle myositis, such as trigeminal neuropathy, other neuromuscular disease, chronic infection, or inflammation have to be considered. Serology testing for MMM (2m antibody titer) or muscle biopsy if serology results are inconclusive can be considered. Consider CT with contrast or MRI with contrast for trigeminal nerve evaluation if jaw function does not improve.



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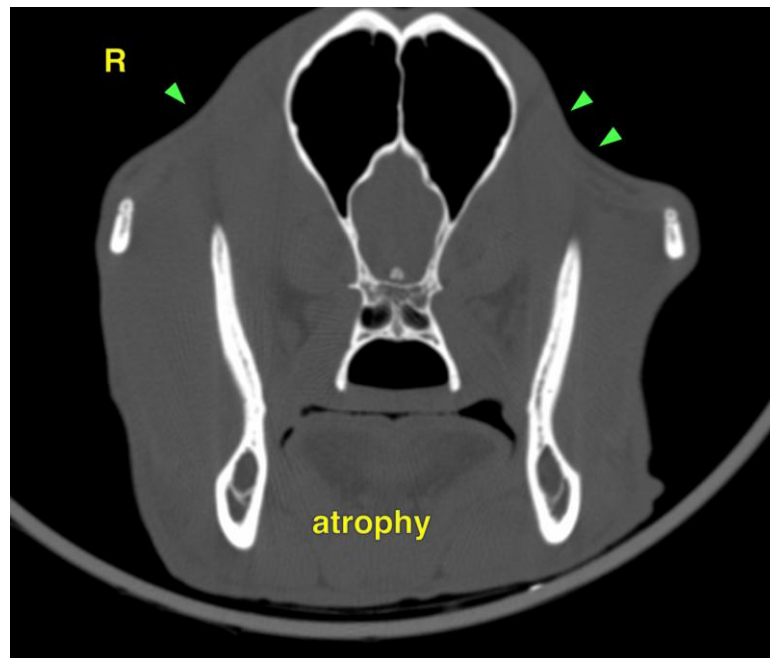
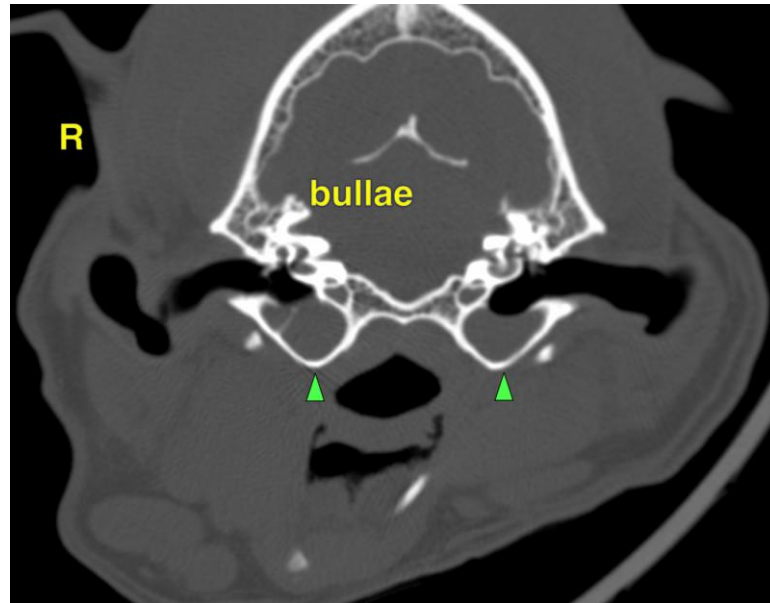
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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