



PATIENT PRESENTING CLINICAL SIGNS

Duke Lobue Mouth grinding at night
Abnormal PE/Chem/CBC/UA Results: MPV 13.5, ALT 131

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Canine Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Mix

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.

SEX

MN

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact. Mild frontal sinus asymmetry with a smaller left frontal sinus is noted and considered incidental.

AGE

4 Years

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

There appears to be mild generalized and symmetric swelling of the muscles of mastication with mild bilaterally submandibular and medial retropharyngeal lymphadenomegaly.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

The salivary glands present within normal limits.

HOSPITAL NAME

Rockaway Animal
Hospital

Mild horizontal abrasion of the canine teeth is seen in all quadrants with no opening of the pulp cavum. Hypodontia is noted with the triadans 105, 106, 205, 305, and 405 being absent. The alveolar crest presents within normal limits in all quadrants.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Maniar

- Suspect myopathy of the muscles of mastication with regional lymphadenitis.
- No evidence of significant dental or temporomandibular joint disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

58192

The CT findings are subtle and of uncertain clinical significance. However, masticatory myopathy such as immune mediated and M2 fiber myositis should be considered.

The lymph node changes suggest presence of reactive hyperplasia.

DATE

5-9-23

Acetylcholine antibody testing and nerve muscle biopsy as well as fine needle aspirations of the lymph nodes could be considered for further definition.



PATIENT

Duke Lobue

SPECIES

Canine

BREED

Mix

SEX

MN

AGE

4 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Rockaway Animal
Hospital

REFERRING VET

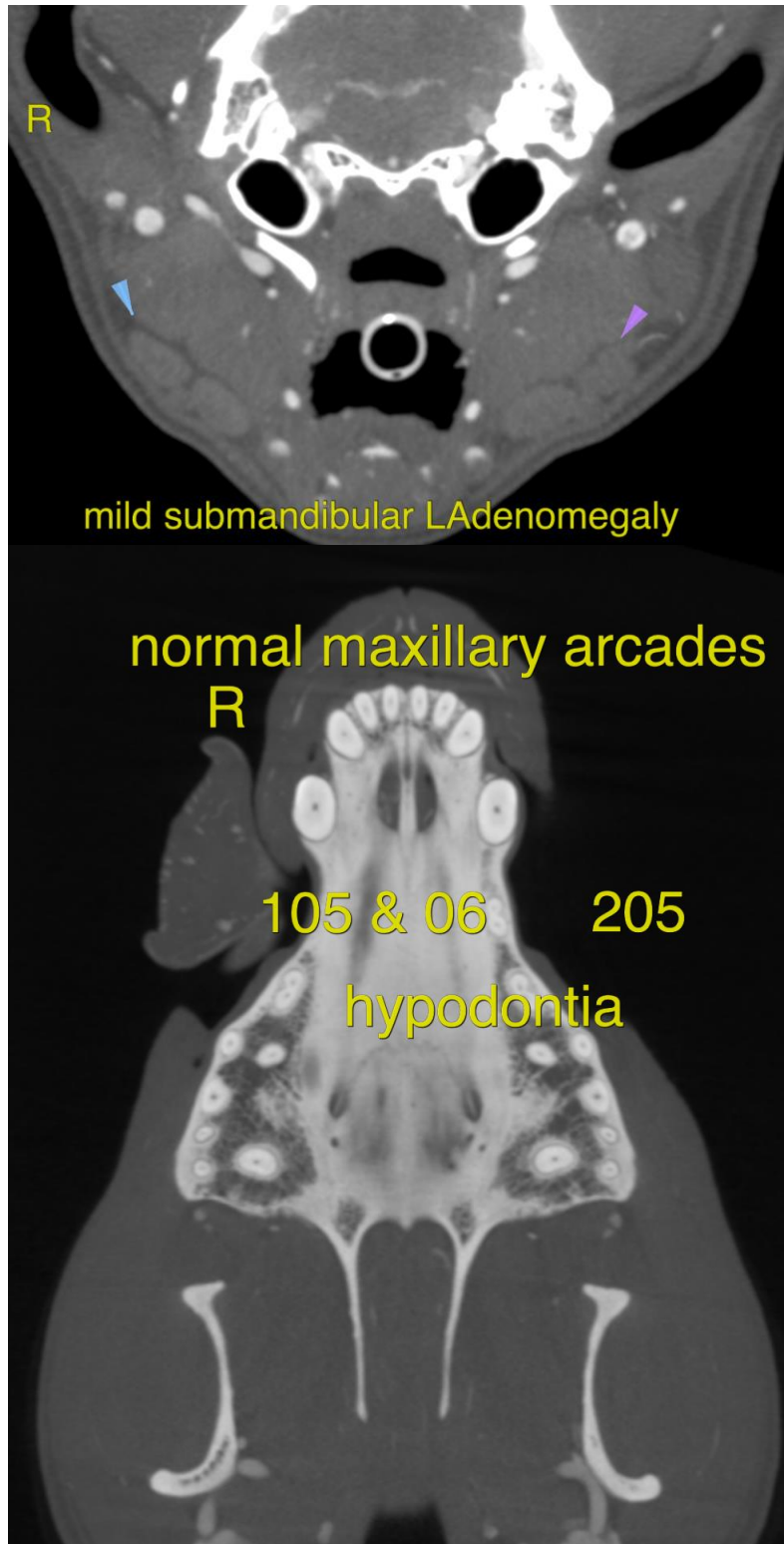
Dr. Maniar

INVOICE

58192

DATE

5-9-23





PATIENT

Duke Lobue

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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

Mix

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

SEX

MN

AGE

4 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Rockaway Animal
Hospital

REFERRING VET

Dr. Maniar

INVOICE

58192

DATE

5-9-23