



## PATIENT

Gemma Minter

## SPECIES

Canine

## BREED

Chihuahua X

## SEX

FS

## AGE

12

## WEIGHT

3.3

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Donald Otten

## HOSPITAL NAME

Oregon Veterinary  
Dental Specialists

## REFERRING VET

Dr. Donald Otten

## INVOICE

73855

## DATE

2-19-26

## PRESENTING CLINICAL SIGNS

- History of current problem: Patient presents for C-P, referred over from Vista Pet Hospital for CBCT imaging due to difficulties opening jaw during recent OHAT. Jaw issues noted by O ~2-3 weeks ago.
- Previous oral or dental treatments:
- 2/16/2026 OHAT w/ pDVM - 410 extracted. Facial muscle atrophy noted. "Unable to full open her mouth on intubation and throughout the procedure, maybe opens 40-50% of what is normal. Pet owner didn't notice anything abnormal at home other than she wasn't eating hard food very well a couple weeks ago. Only 1 extraction done today."
- At least 5 other OHATs w/ pDVM

## COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

Plain study available for review.

## COMPUTED TOMOGRAPHIC FINDINGS

The temporomandibular joints present mild to moderate degenerative changes with subchondral bone irregularity, sclerosis, and mild narrowing of the joint spaces. No conformational abnormalities, fractures, mass lesions, or ankylosis is noted. There is no evidence of physical soft tissue or bone obstruction preventing mandibular motion. No evidence of dysplasia is seen.

Moderate atrophy of the masseter and temporal muscles is present bilaterally.

No significant regional lymph node changes are noted.

Malocclusion appears to be present with impingement of the crowns of 309 and 409 on the palate.

A bone cyst is present at the site of the missing triadan 203 with bone expansion and thinning of the cortical bone.

No signs of mandibular or maxillary fracture are seen.

Multiple dental extractions have been performed previously.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild to moderate bilaterally symmetric degenerative changes of the temporomandibular joints.
- Moderate bilaterally symmetric masticatory muscle atrophy.
- Suspect malocclusion with palatal impingement of mandibular premolars 309 & 409.
- Dentigerous cyst at the site of missing 203.
- History of multiple dental extractions.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The degenerative changes of the temporomandibular joints are unlikely to be the primary cause of acute inability to open the mouth as no mechanical obstruction or ankylosis is present. The limited mouth opening can be multifactorial potentially related to chronic masticatory muscle myositis, masticatory muscle atrophy, malocclusion, pain, or subclinical myositis and soft tissue fibrosis.



## PATIENT

Gemma Minter

## SPECIES

Canine

## BREED

Chihuahua X

## SEX

FS

## AGE

12

## WEIGHT

3.3

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Donald Otten

## HOSPITAL NAME

Oregon Veterinary  
Dental Specialists

## REFERRING VET

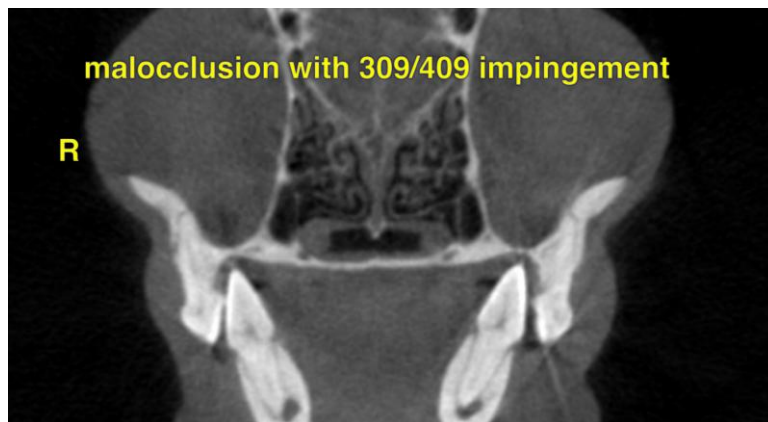
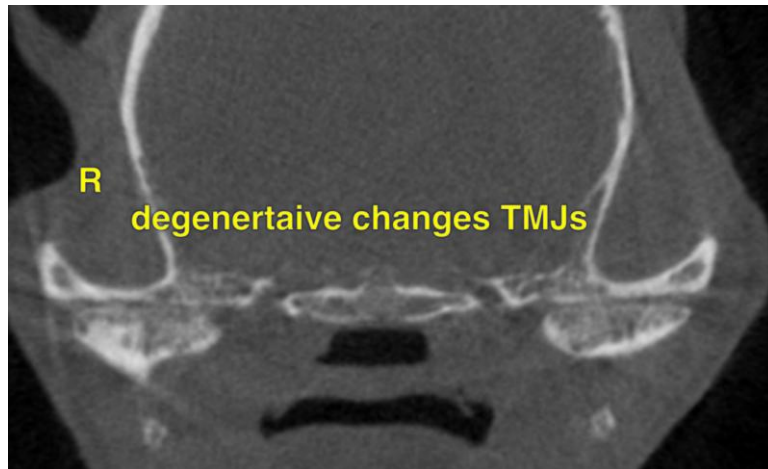
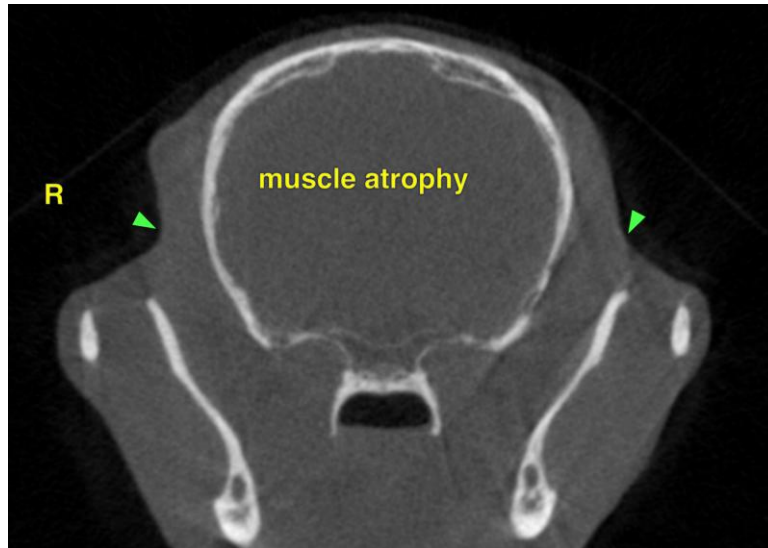
Dr. Donald Otten

## INVOICE

73855

## DATE

2-19-26





## PATIENT

Gemma Minter

## SPECIES

Canine

## BREED

Chihuahua X

## SEX

FS

## AGE

12

## WEIGHT

3.3

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Donald Otten

## HOSPITAL NAME

Oregon Veterinary  
Dental Specialists

## REFERRING VET

Dr. Donald Otten

## INVOICE

73855

## DATE

2-19-26

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

European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,

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

[info@sonopath.com](mailto:info@sonopath.com)