



**PATIENT PRESENTING CLINICAL SIGNS**

Pete Nowak Malocclusion for over 6 months

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Rabbit Plain study available for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Himalayan The dentition is complete.

**SEX** Malocclusion with step formations of the maxillomandibular occlusional surfaces of the premolar and molar teeth is noted on the right and left side. There is a stepwise ventral incline of the occlusional surfaces on the right and left side accentuating the molar (M1, 2, and 3) occlusional surfaces. Only mild retrograde elongation of the maxillary and mandibular premolar and molar teeth is seen. Mild elongation of the tooth crowns of the maxillary and mandibular incisors is present involving the 1<sup>st</sup> as well as the 2<sup>nd</sup> incisors in the maxillae and accentuating the right side more so than the left side.

Male Neutered

**AGE** Mild periodontal space widening of the right maxillary M3 is seen. Minimal widening of the periodontium of the left maxillary P1 is present. There is no evidence of an abscess formation or osteomyelitis.

5 Years

**INTERPRETED BY** There is new bone production mainly caudal and rostral of the left temporomandibular joint with flaring and osteopenia of the condyle.

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The nasal cavities, frontal sinuses, orbita, and eyes all present within normal limits.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Osteoproliferative arthropathy of the left temporomandibular joint.
- Moderate malocclusion with mild elongation of the maxillomandibular incisors and moderate step formation of the right and left maxillomandibular premolar and molar occlusional surfaces.
- Mild periodontal disease P1 left maxilla and M3 right maxilla.

**HOSPITAL NAME**  
Aggie Animal Dental  
Center

**REFERRING VET INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Dr. Debra  
Scheenstra/Dr. Amy  
Fulton

The CT study reveals mild elongation of the incisor teeth accentuating the right side. Moderate bilateral premolar and molar occlusional surface malocclusion with step formation is seen without significant retrograde elongation of the dental apices. Irregular wear is the most likely underlying cause. There is no evidence of apical granuloma or abscess formation, osteomyelitis, dentonasal fistula, or rhinosinusitis.

**INVOICE** Osteoarthritis, arthritis, and less likely trauma are the primary differential diagnoses for the left temporomandibular arthropathy. There is no evidence of aggressive bone disease. The mild osteopenia is likely a consequence of disuse.

50546

**DATE**

2-23-22



**PATIENT**

Pete Nowak

**SPECIES**

Rabbit

**BREED**

Himalayan

**SEX**

Male Neutered

**AGE**

5 Years

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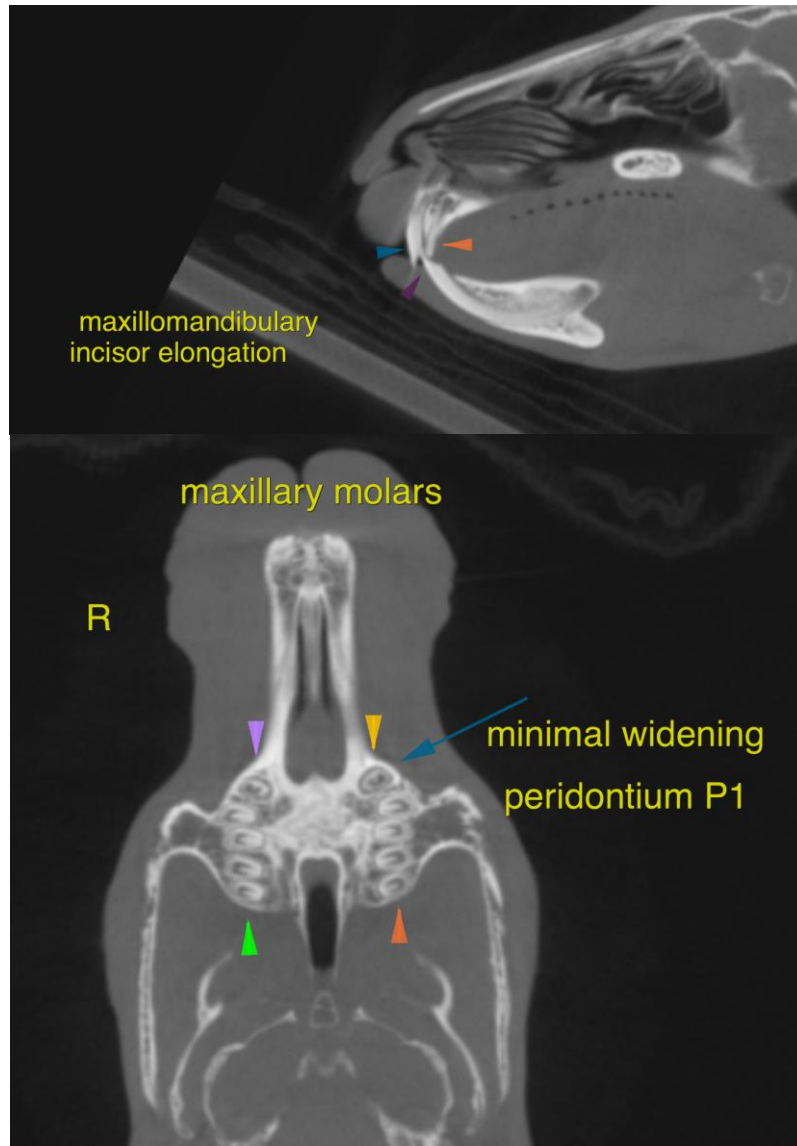
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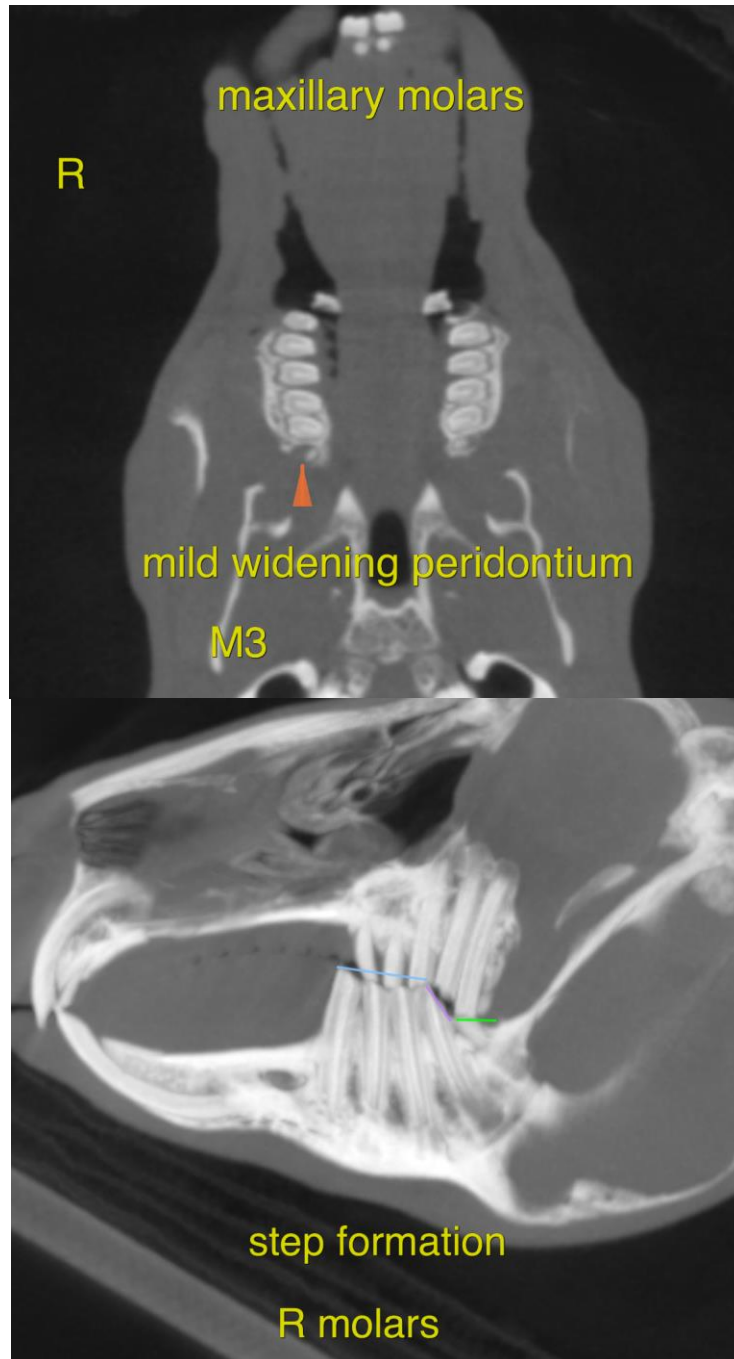
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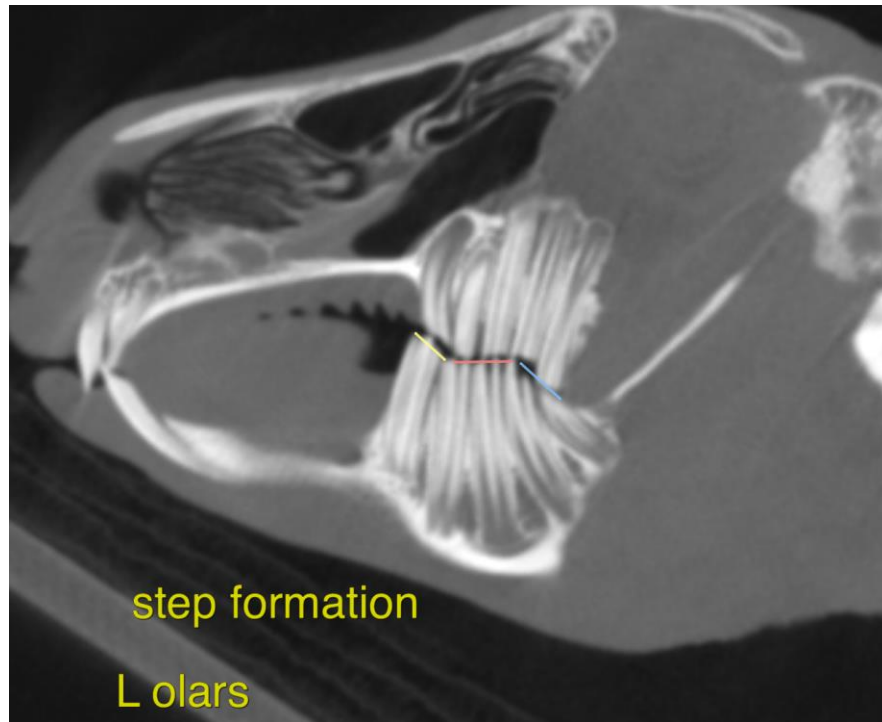
Himalayan

**SEX**

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**AGE**

5 Years



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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.

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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.

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