This presentation is kindly sponsored by Schottlander



Since 2014, Finlay has exclusively used Schottlander Enigmalife teeth for all denture cases owing to their beauty and durability

My 13 years experience

of the

Scandinavian approach

for

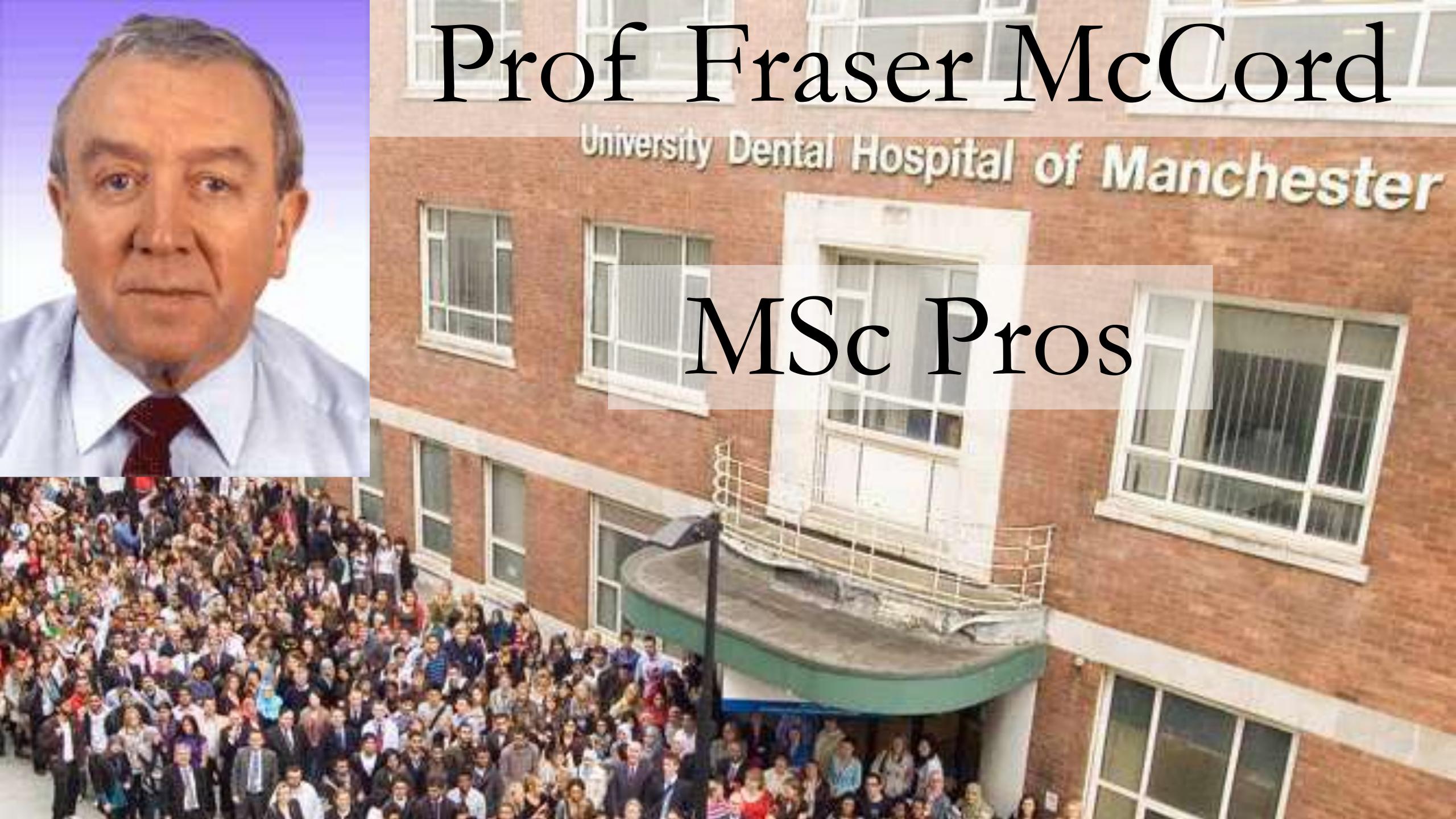
Partial dentures

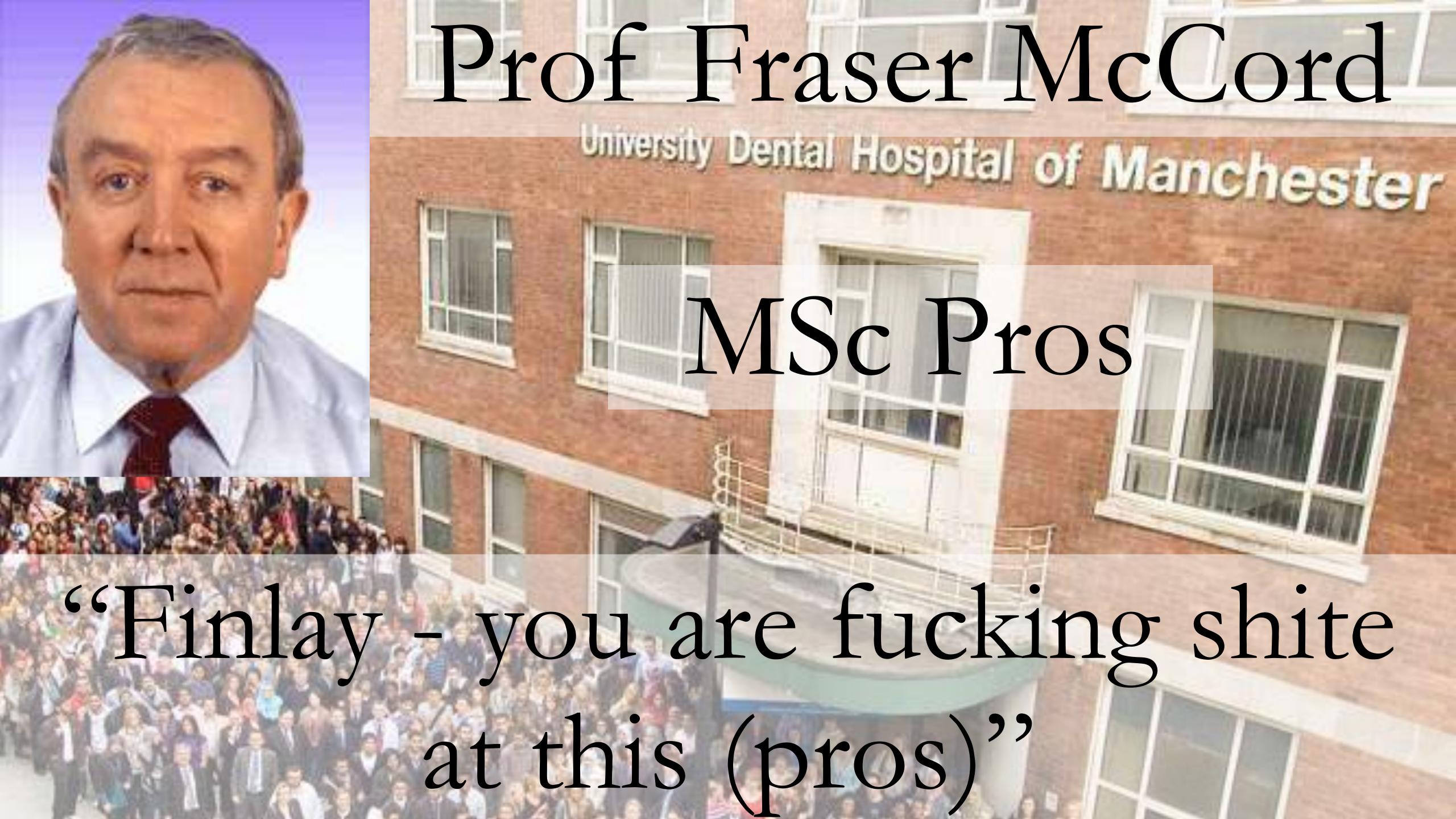


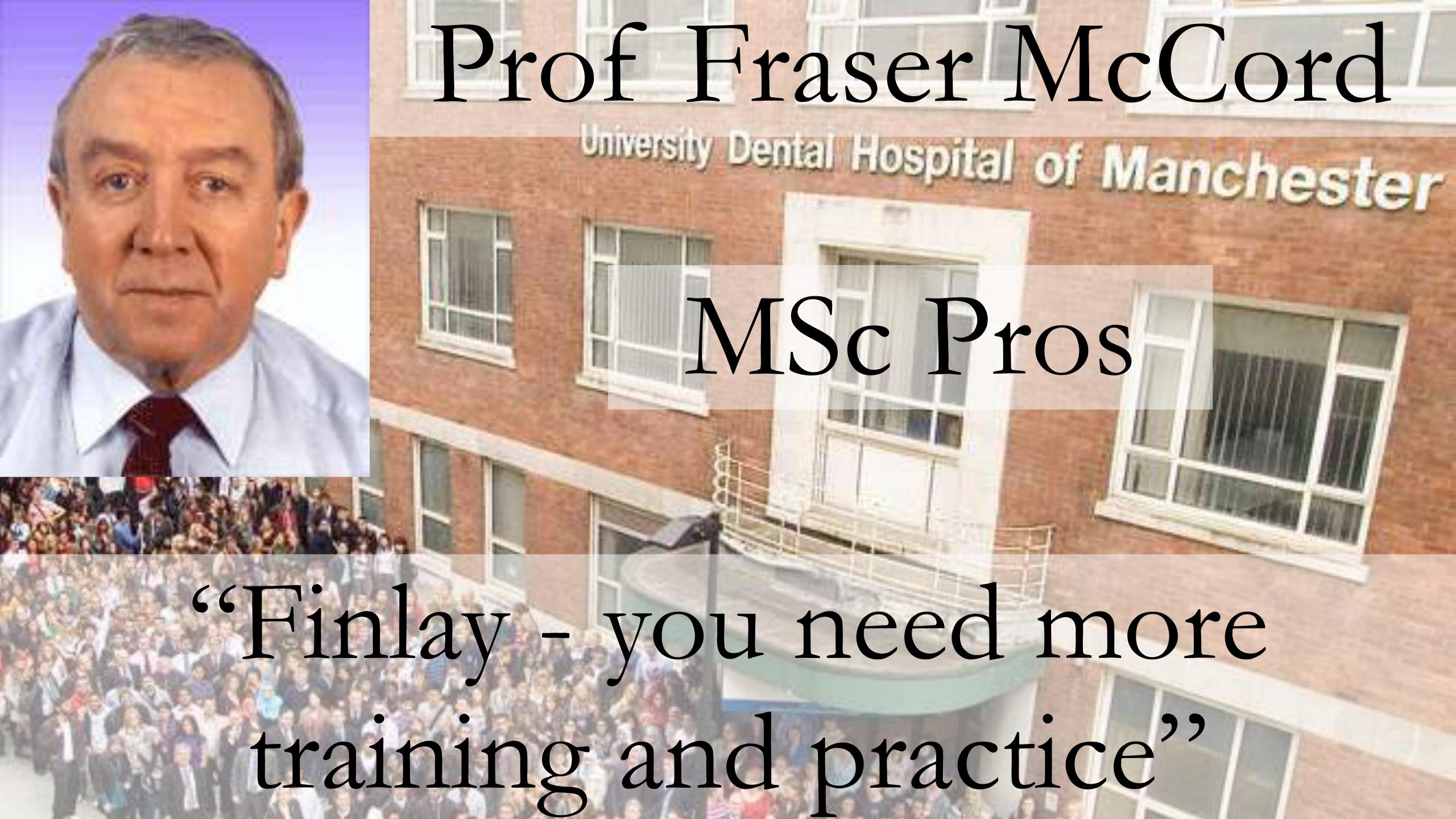


I used to hate

dentures











Gemovable Partial Prosthodontics

LEMLE EDILION



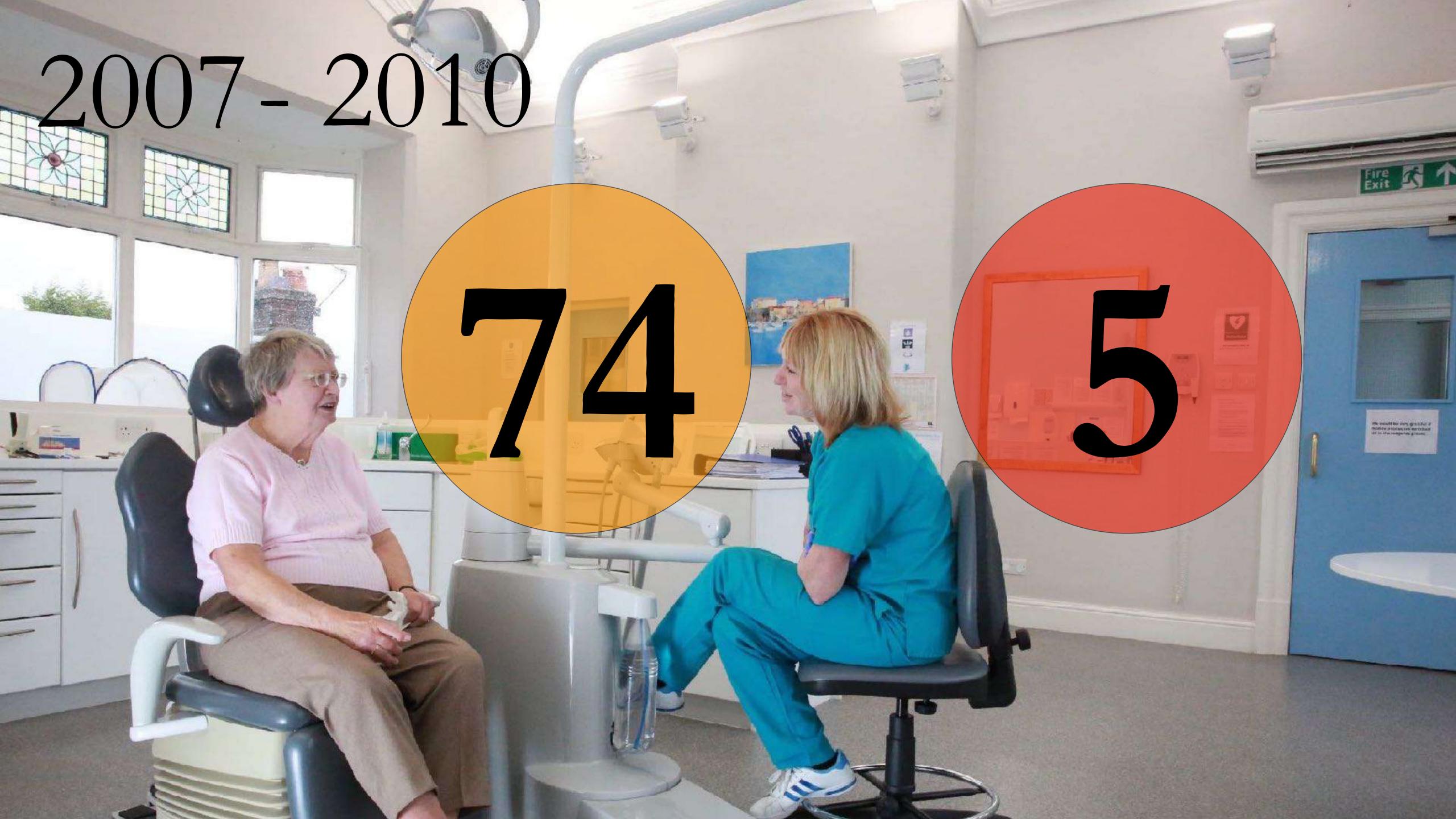






























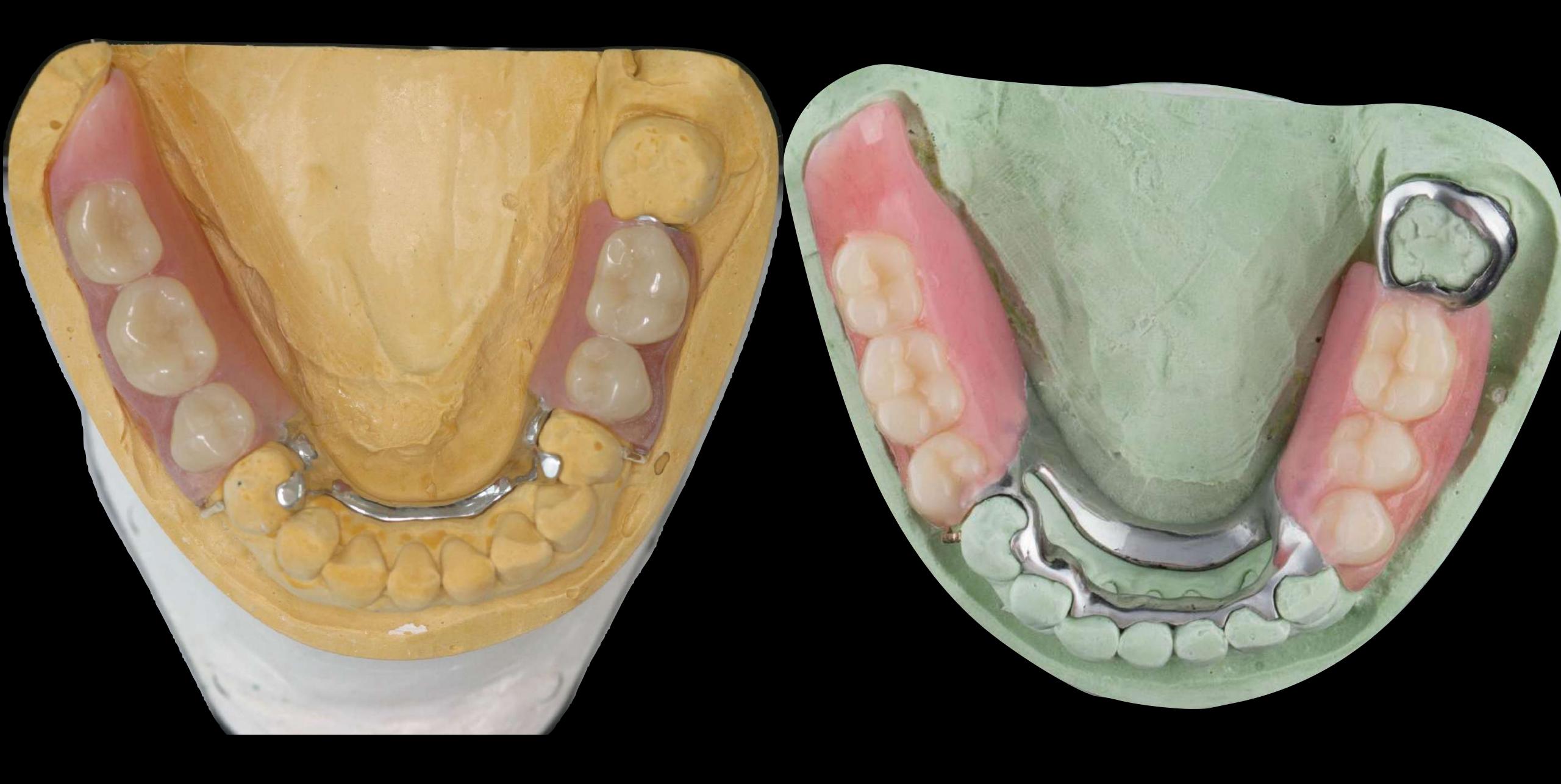
Charlotte

2011



Scandinavian hygienic design







10 years











2011 - 2024



2011 - 2024



2011 - 2024

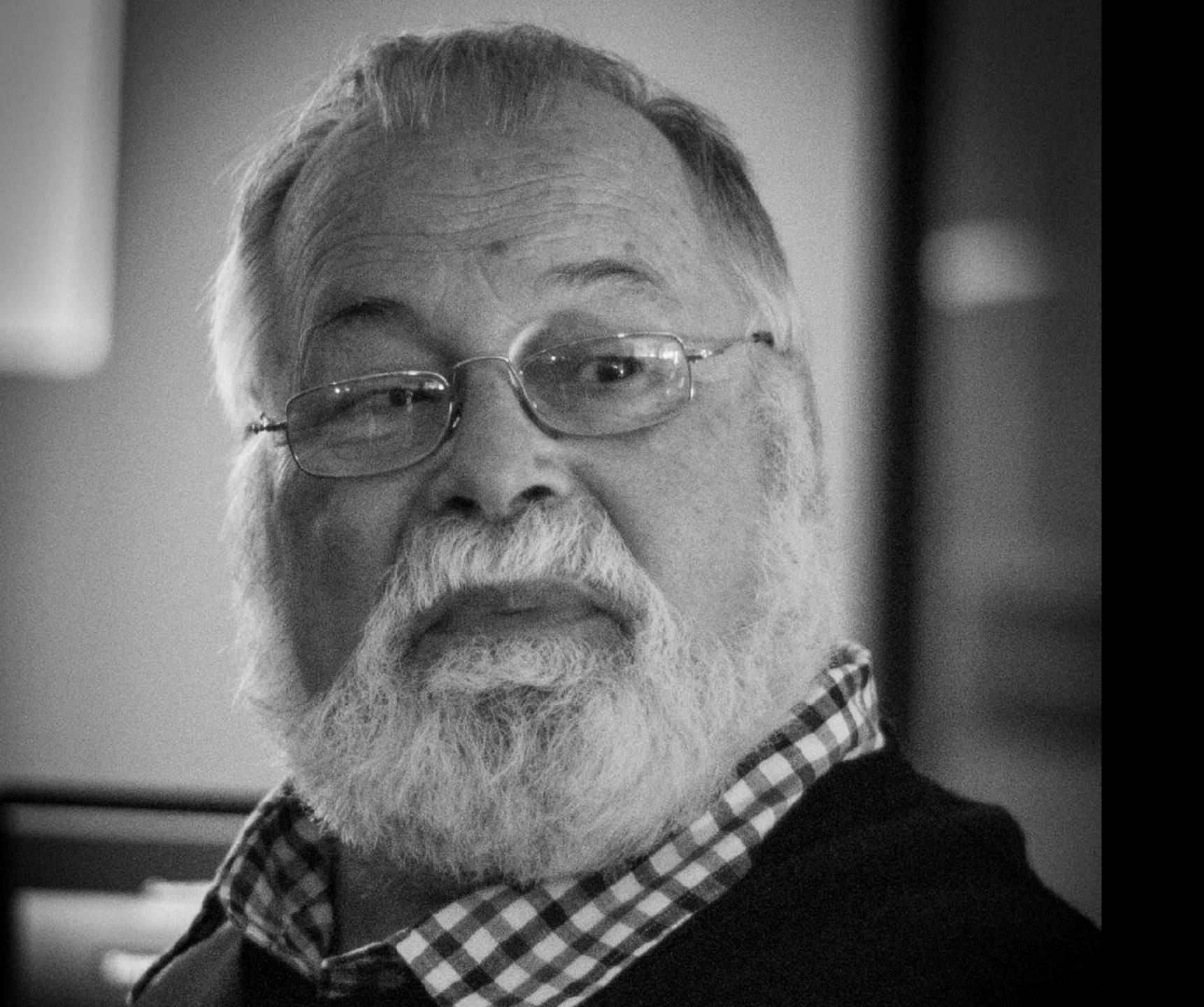


2011 - 2024





Dental Hospital



A John Besford disaster

Lingual plate



Lingual plate

















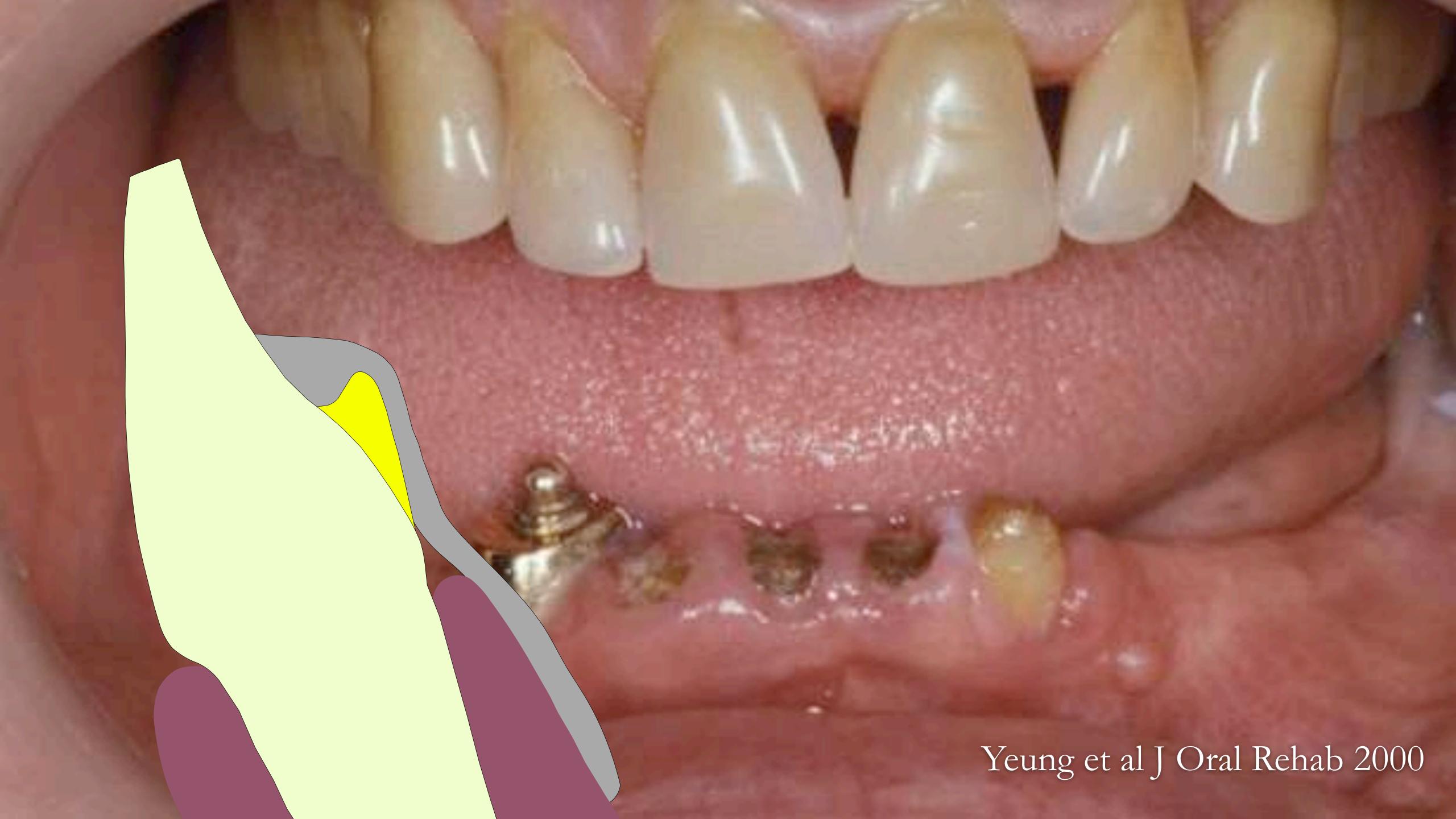


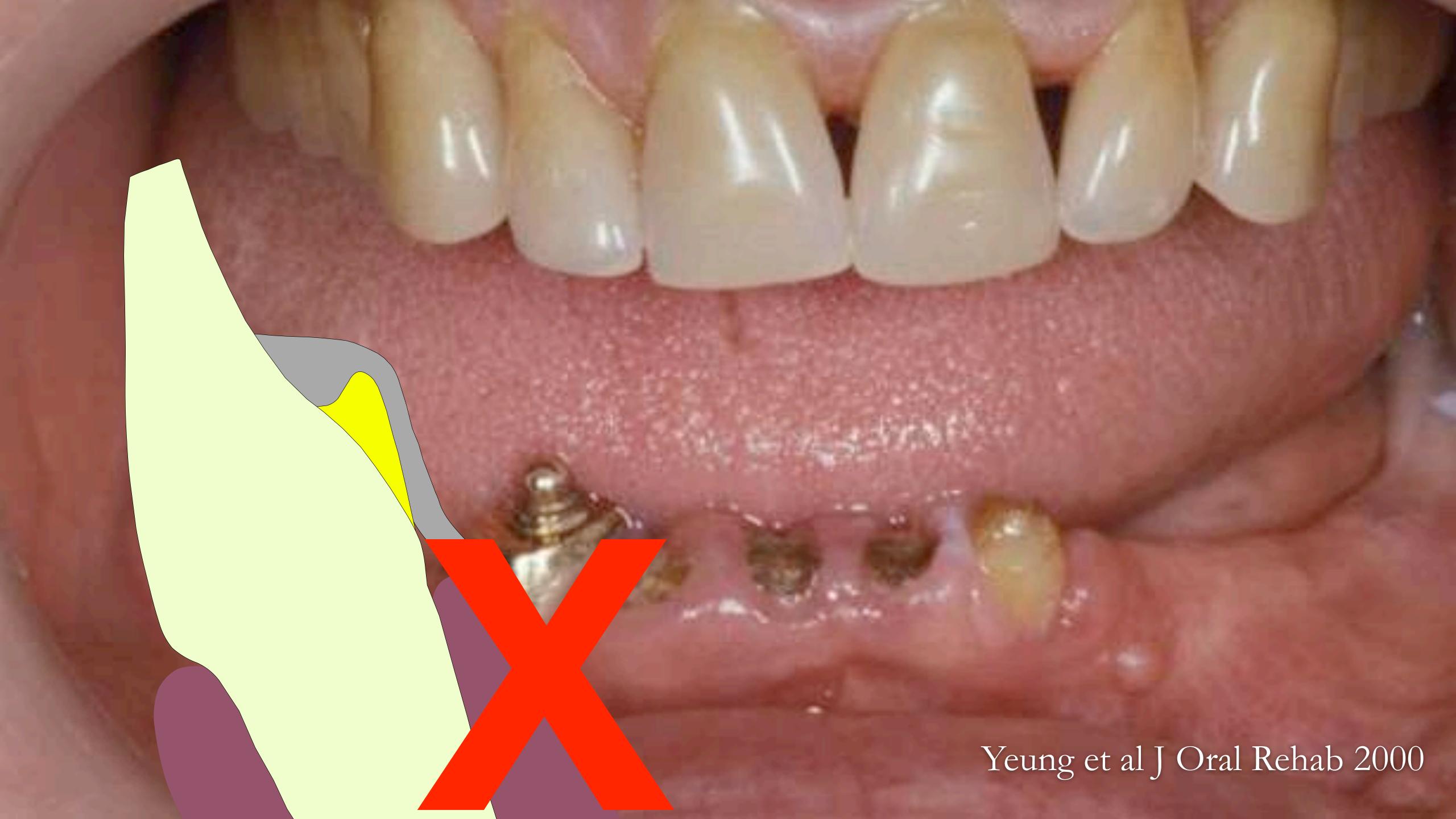














Margaret Thatcher

1979









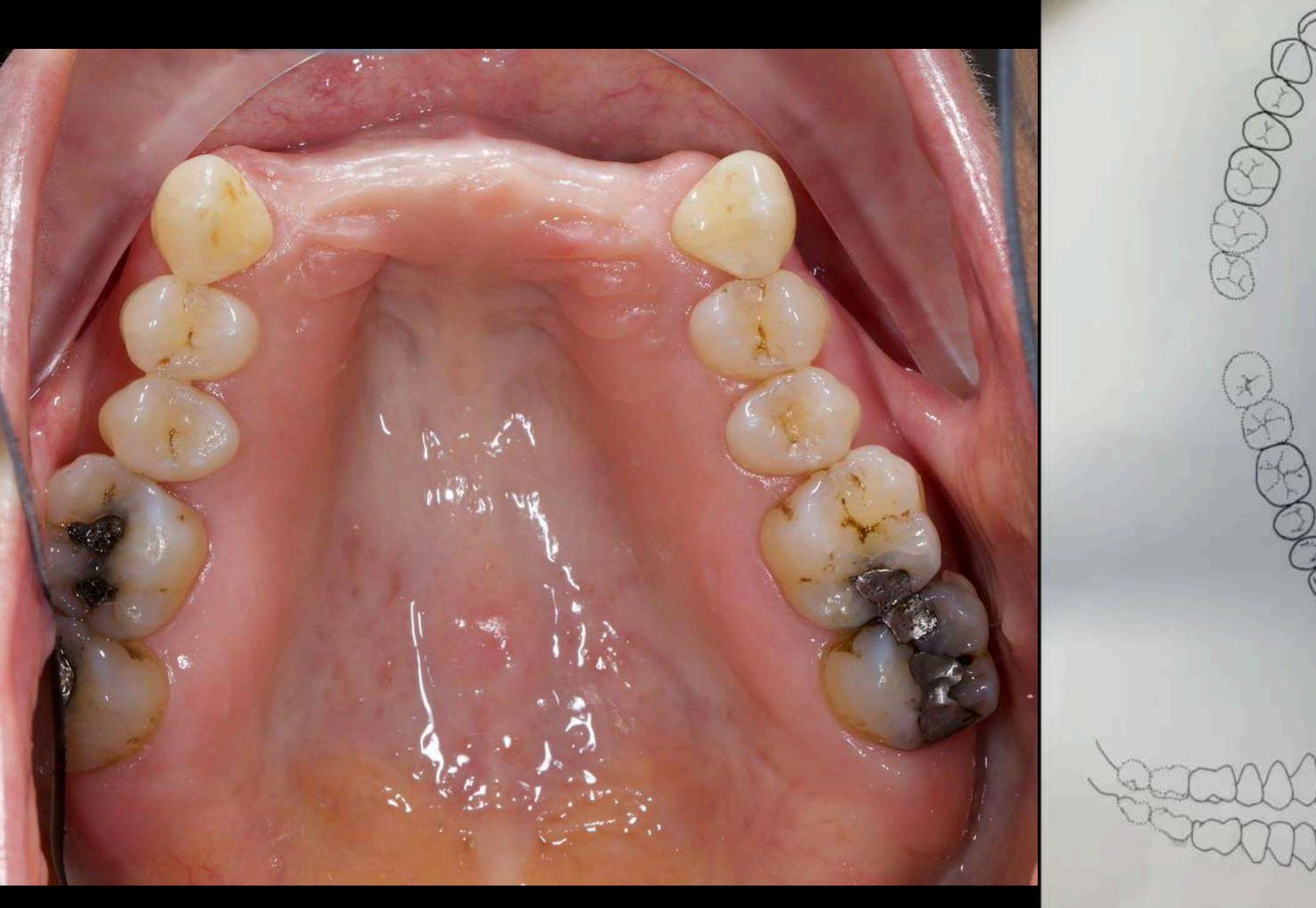
Helen Harris





Helen Harris

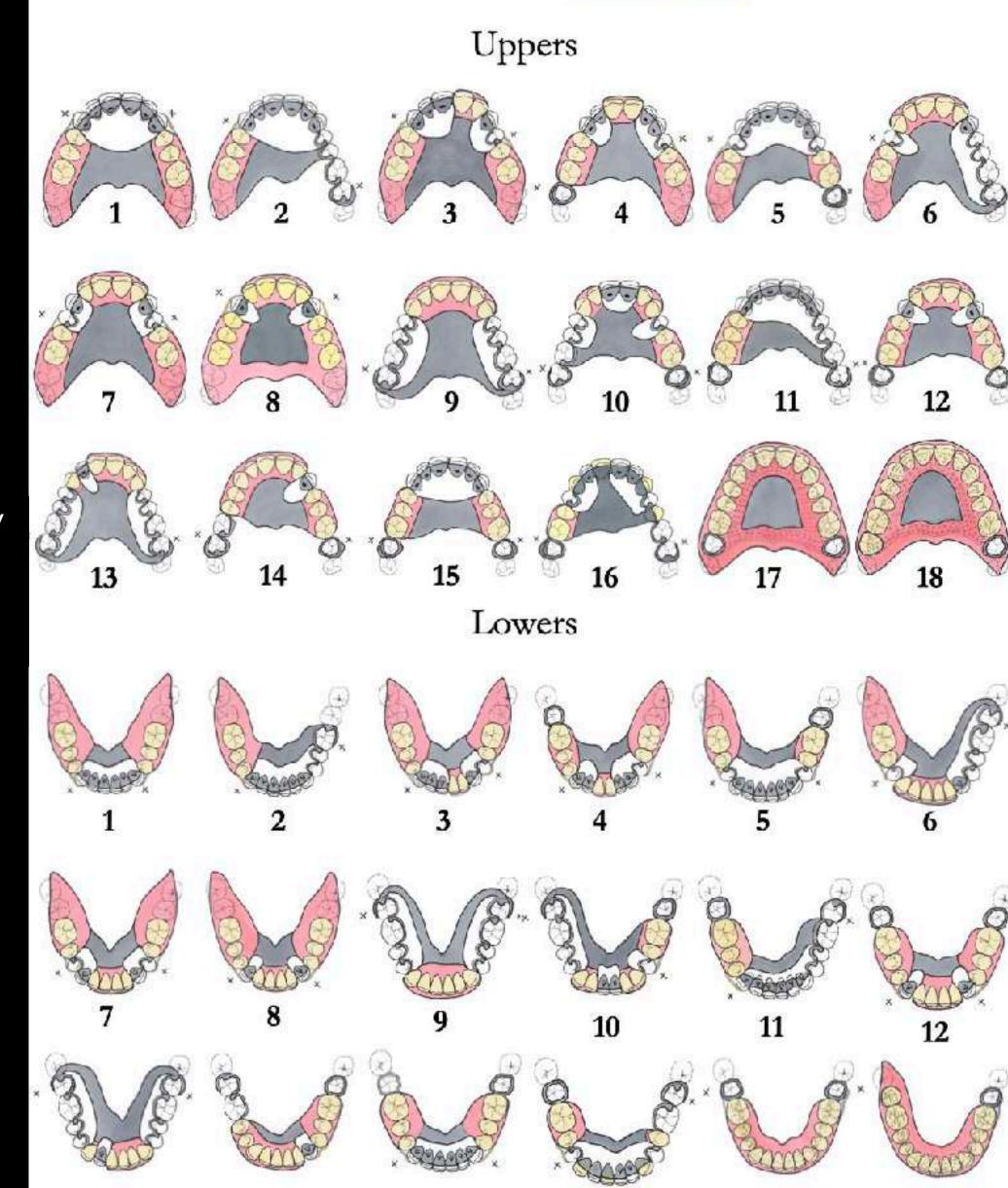






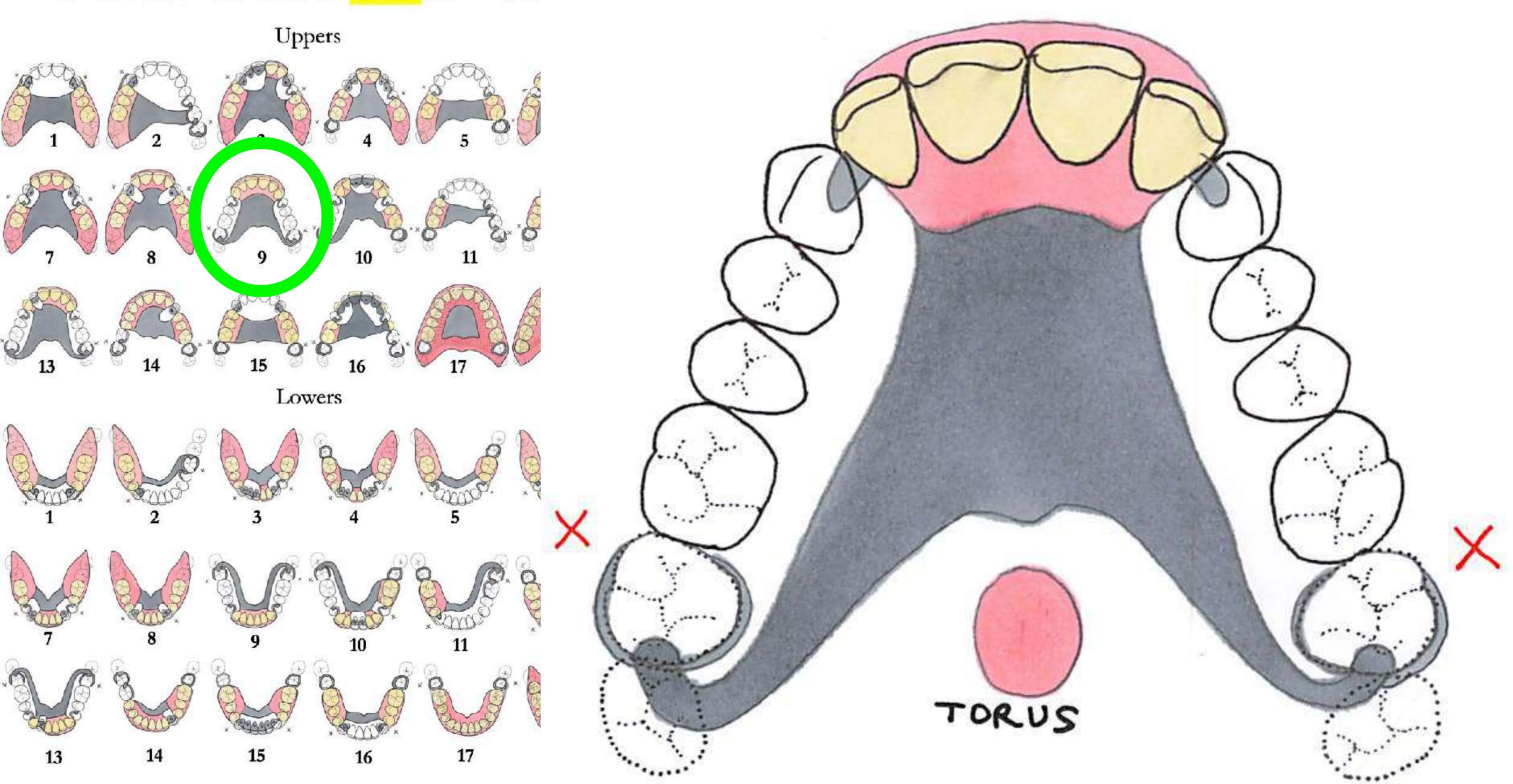
Scandinavian universal designs for many patterns of tooth loss REMAINING TEETH HAVE GOOD PROGNOSIS Uppers Uppers finlaysutton.co.uk/ Lowers resources 14 14 15

Scandinavian universal designs for many patterns of tooth loss REMAINING TEETH HAVE **DUBIOUS** PROGNOSIS

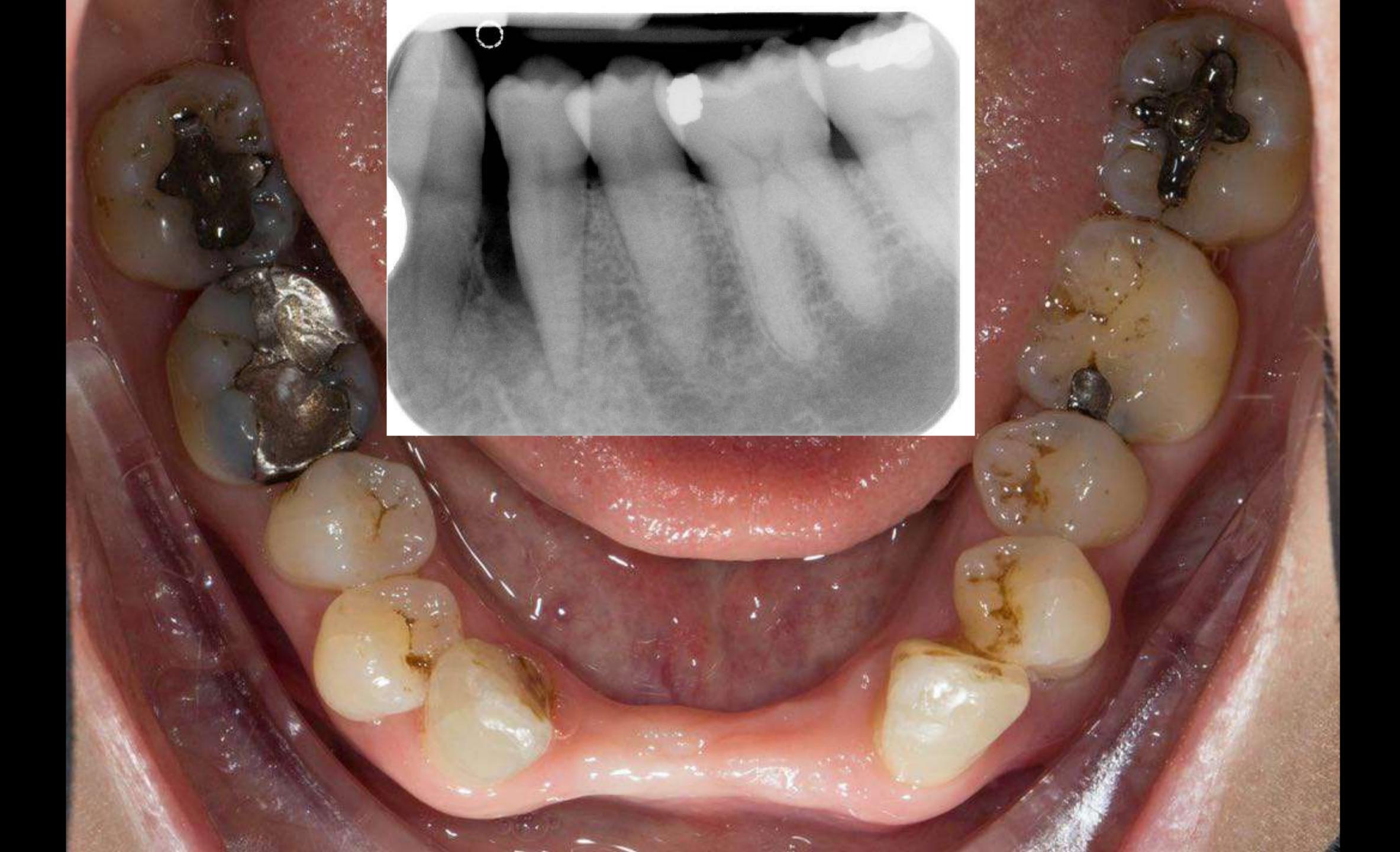


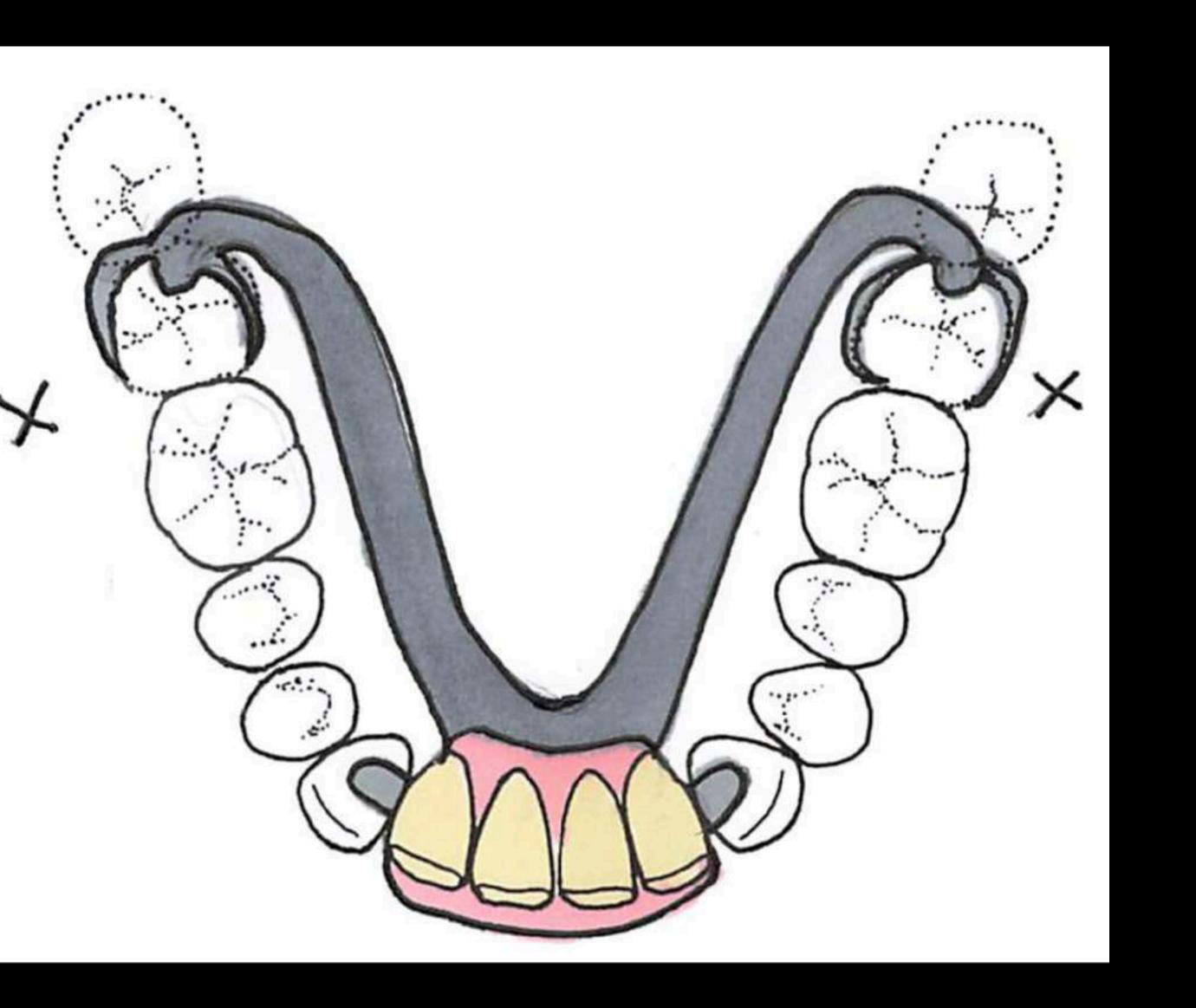
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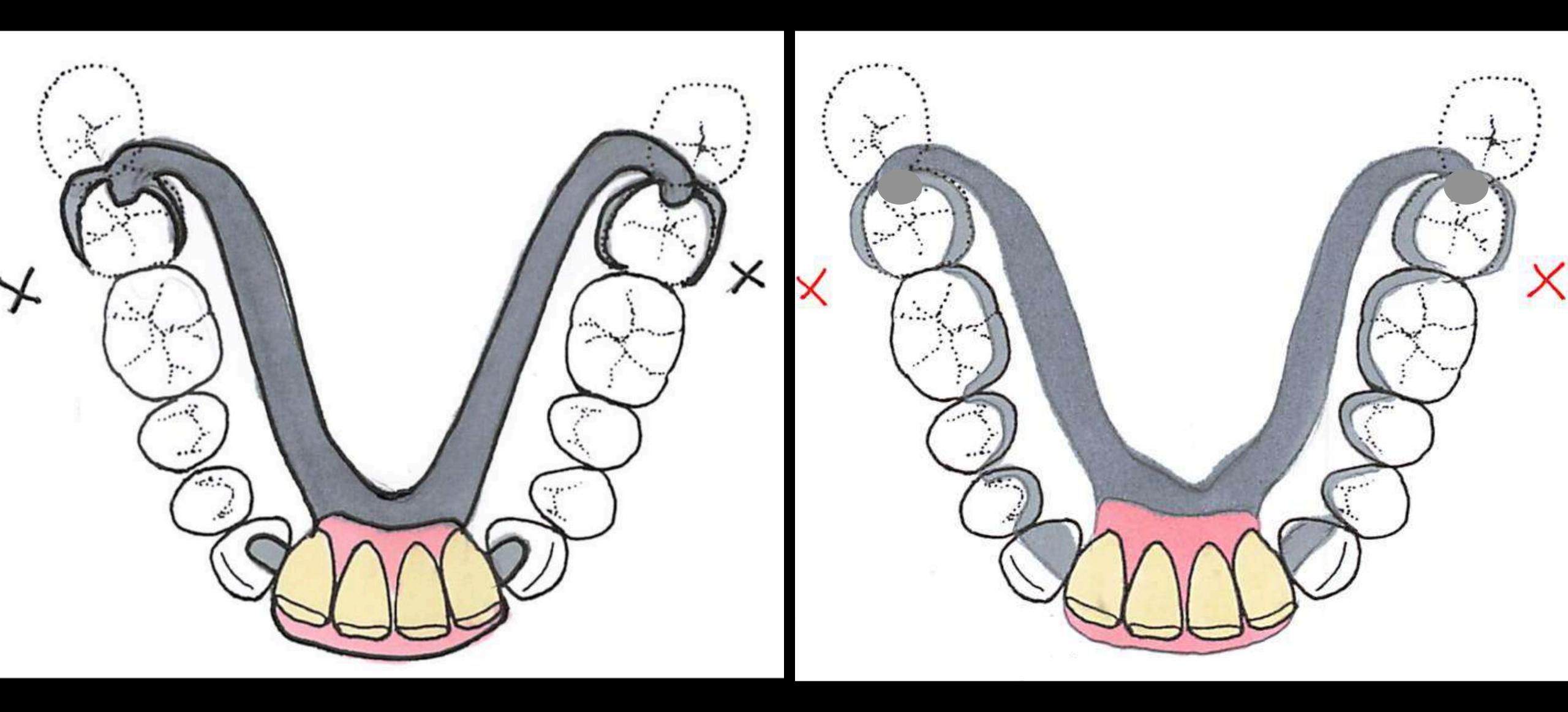
Scandinavian universal designs for many patterns of tootle REMAINING TEETH HAVE GOOD PROGNOST













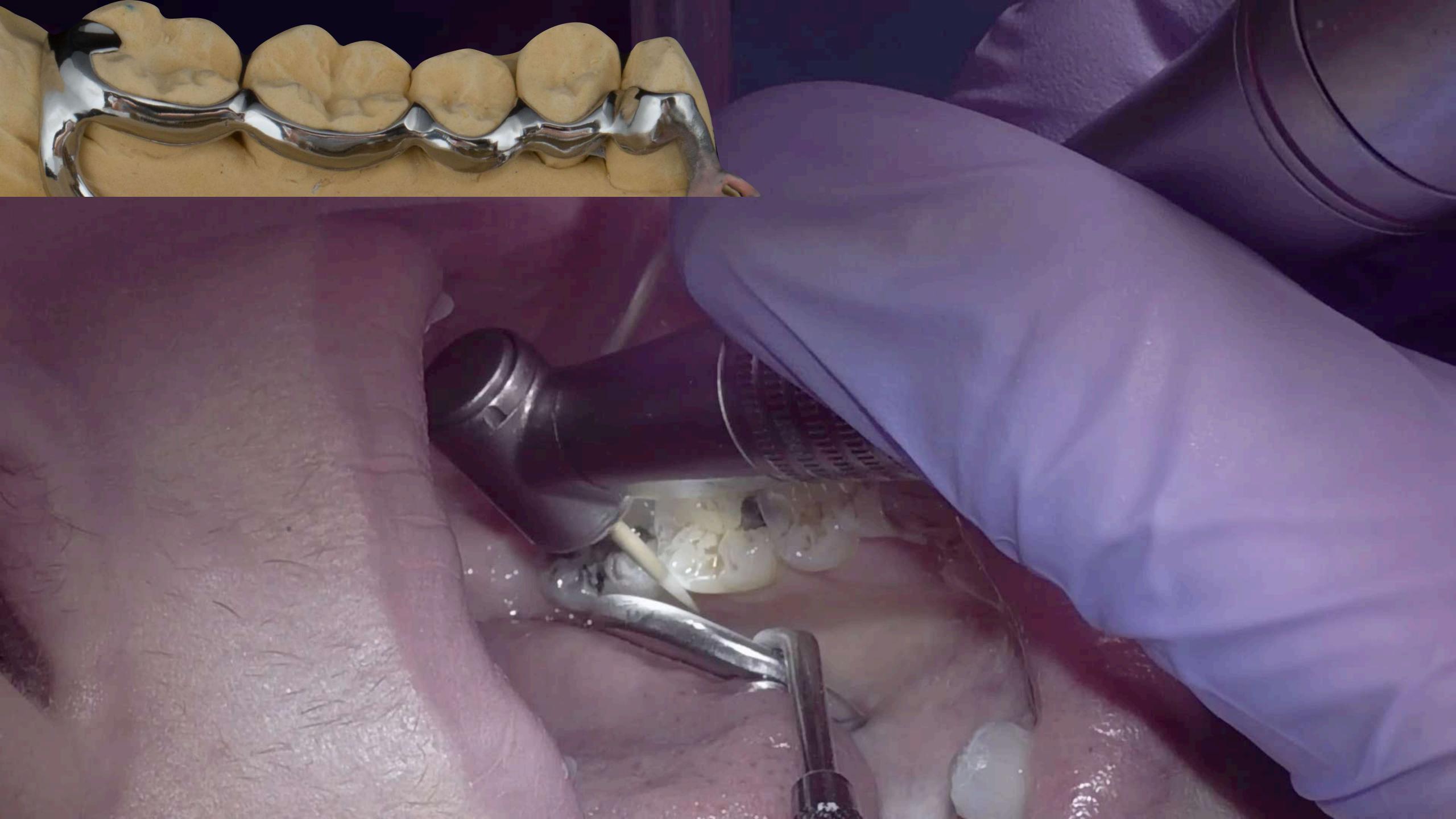








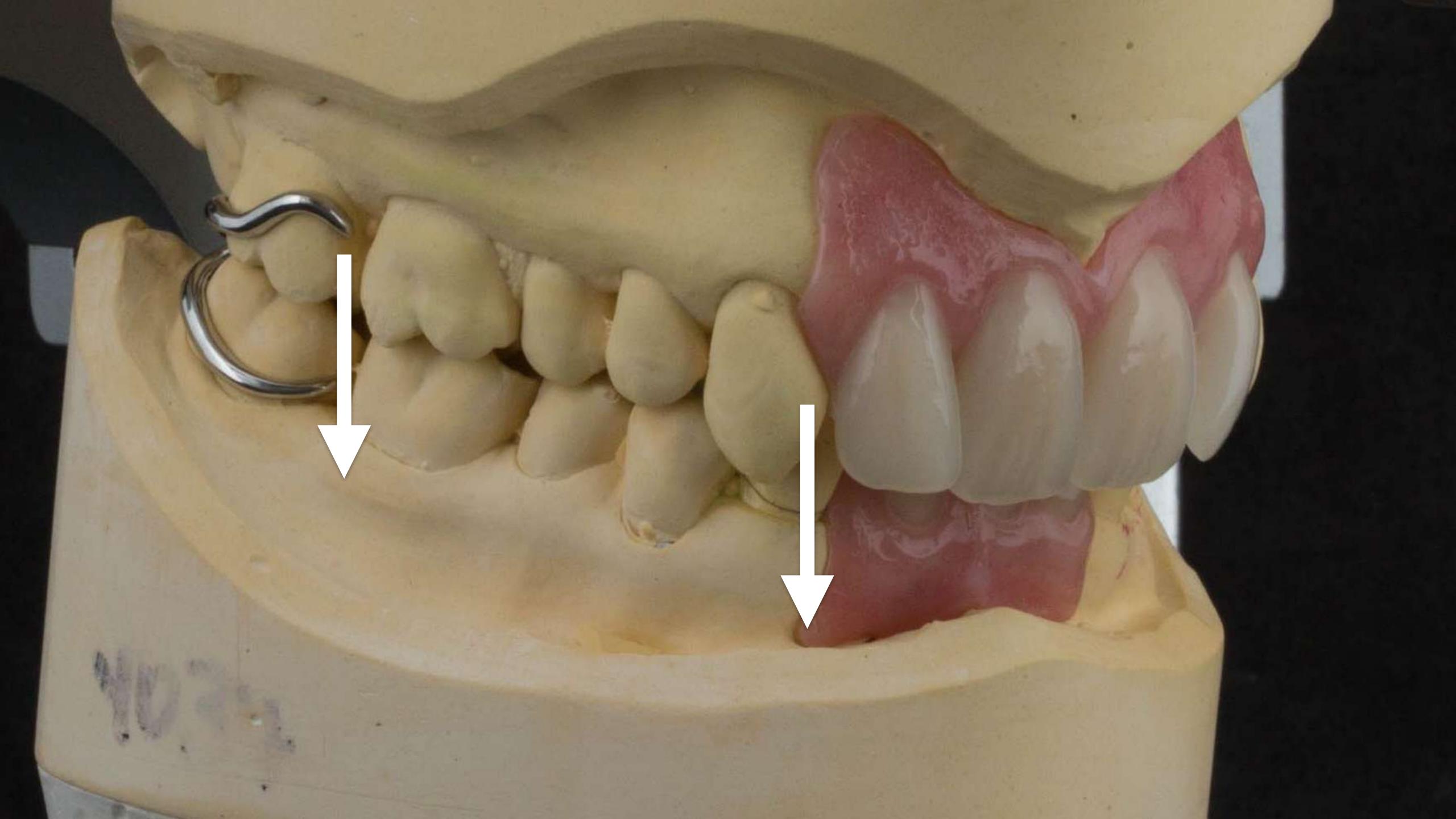








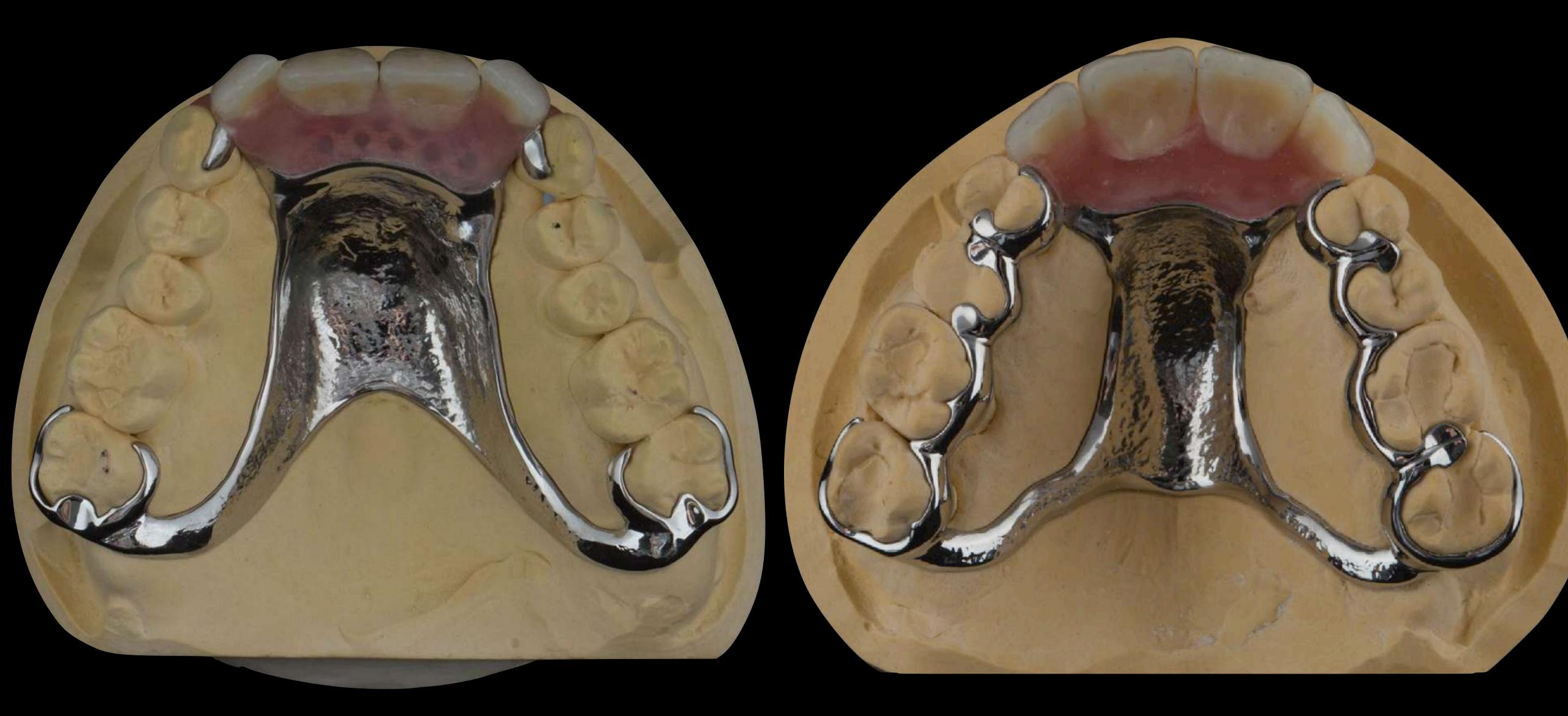




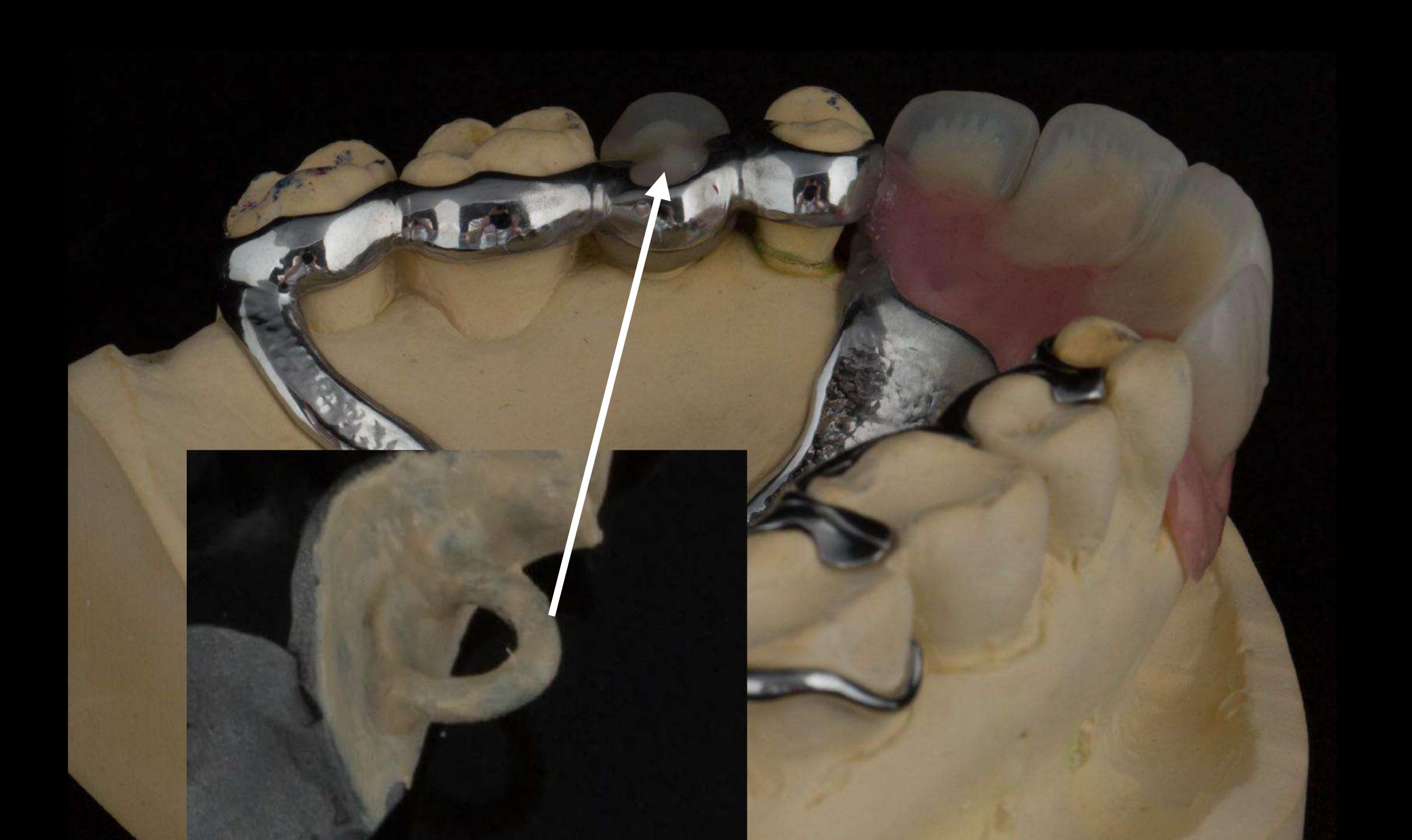






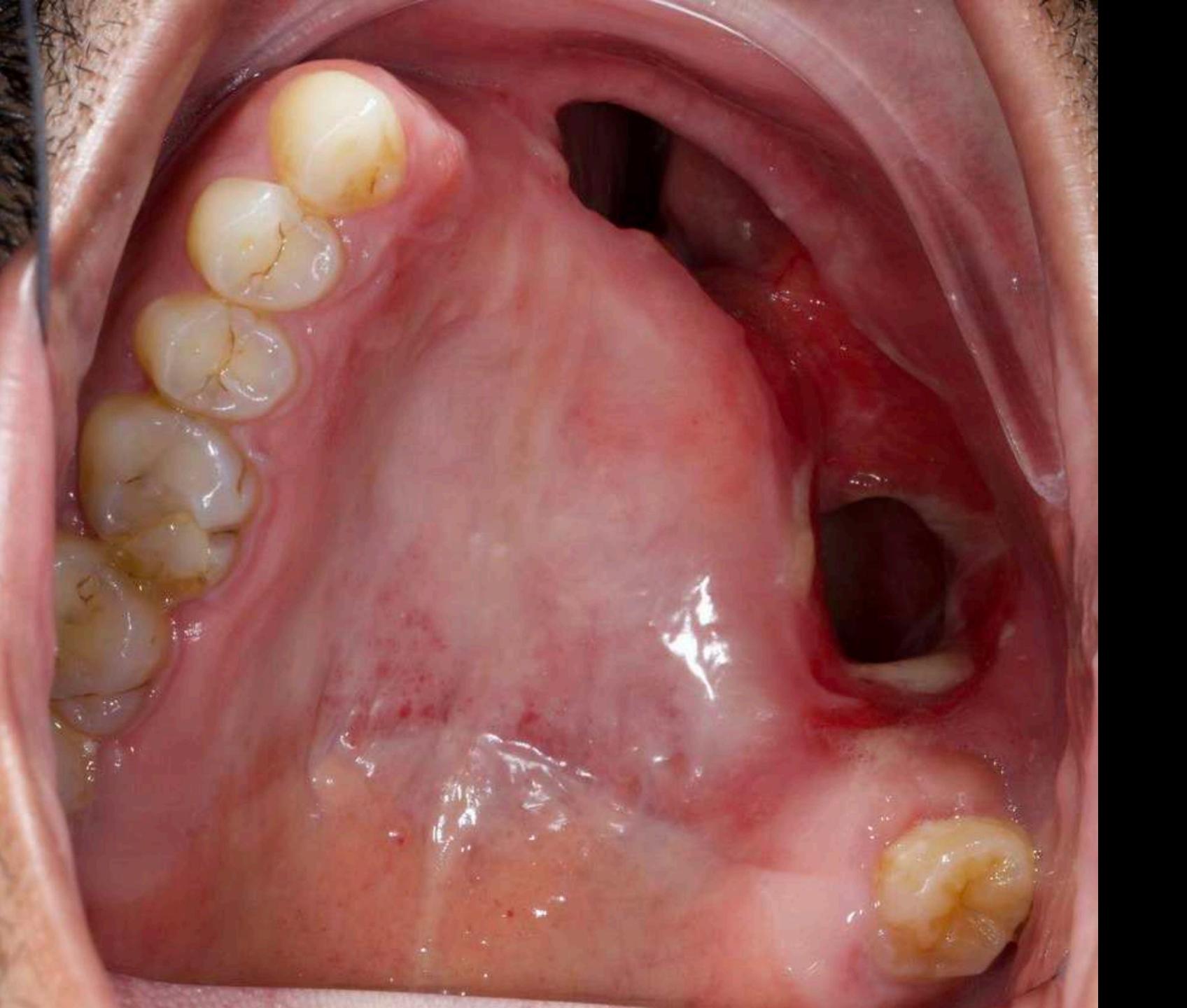








James



James

Odontogenic myxoma















Stephen 2003 Liverpool DH



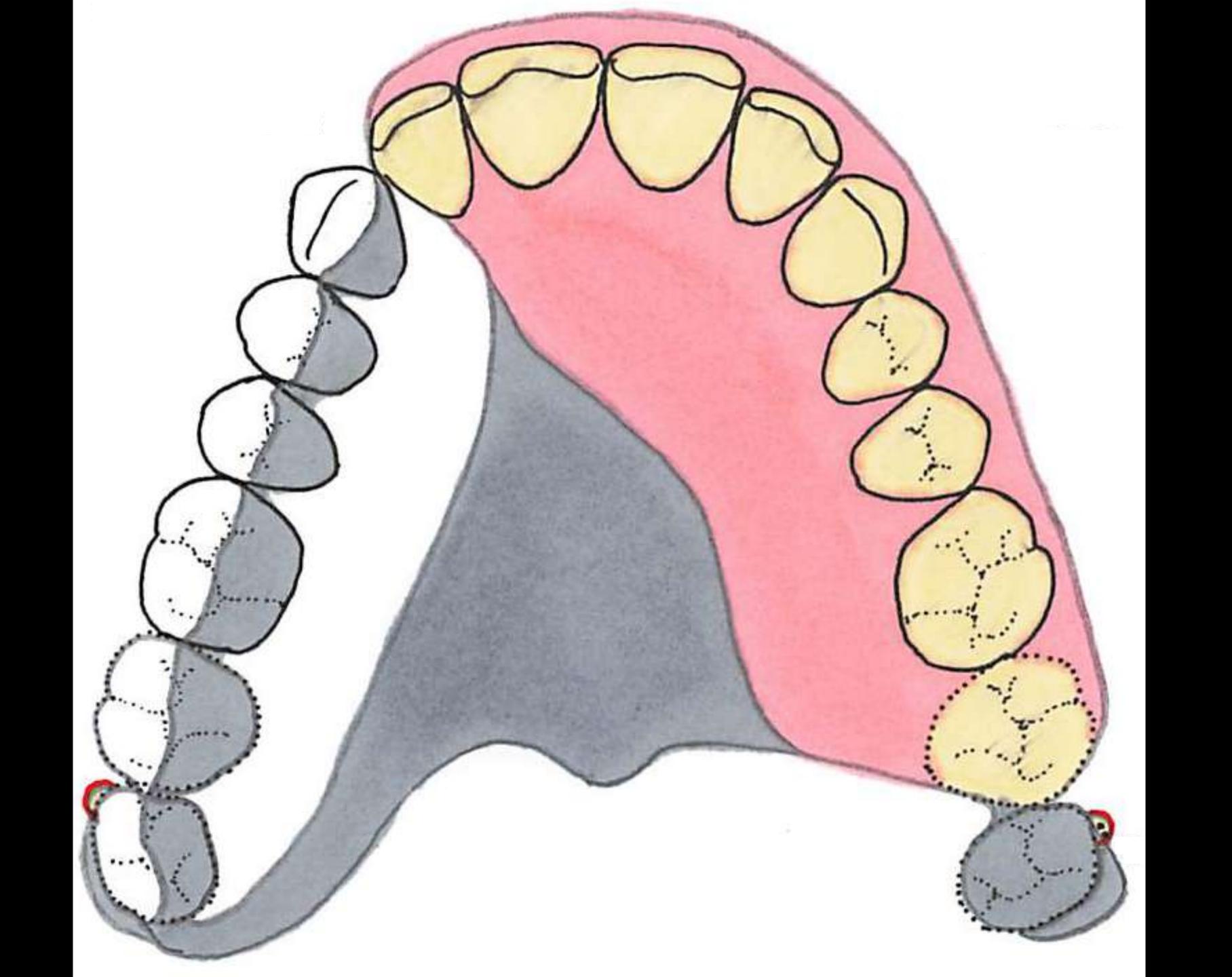




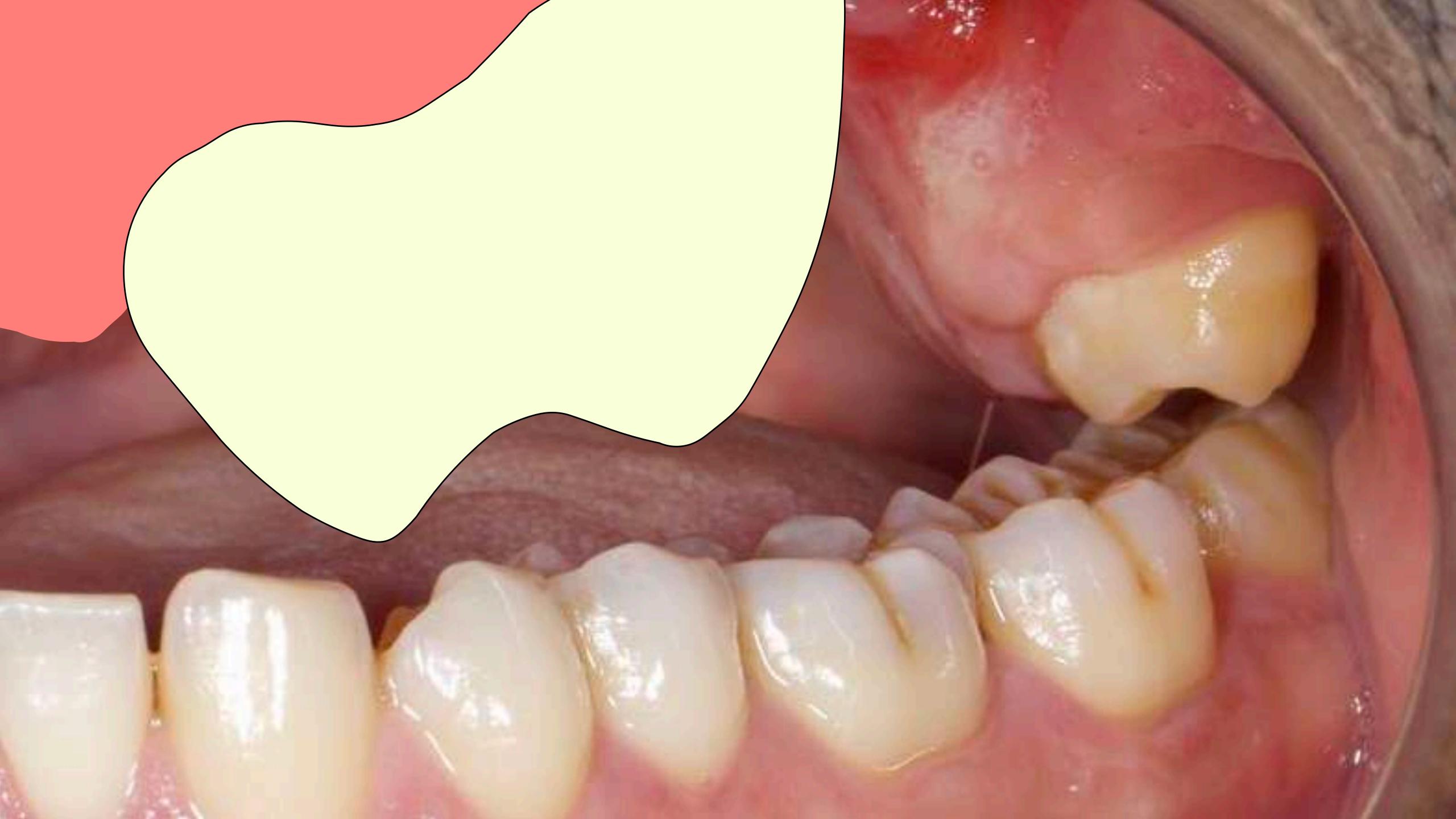


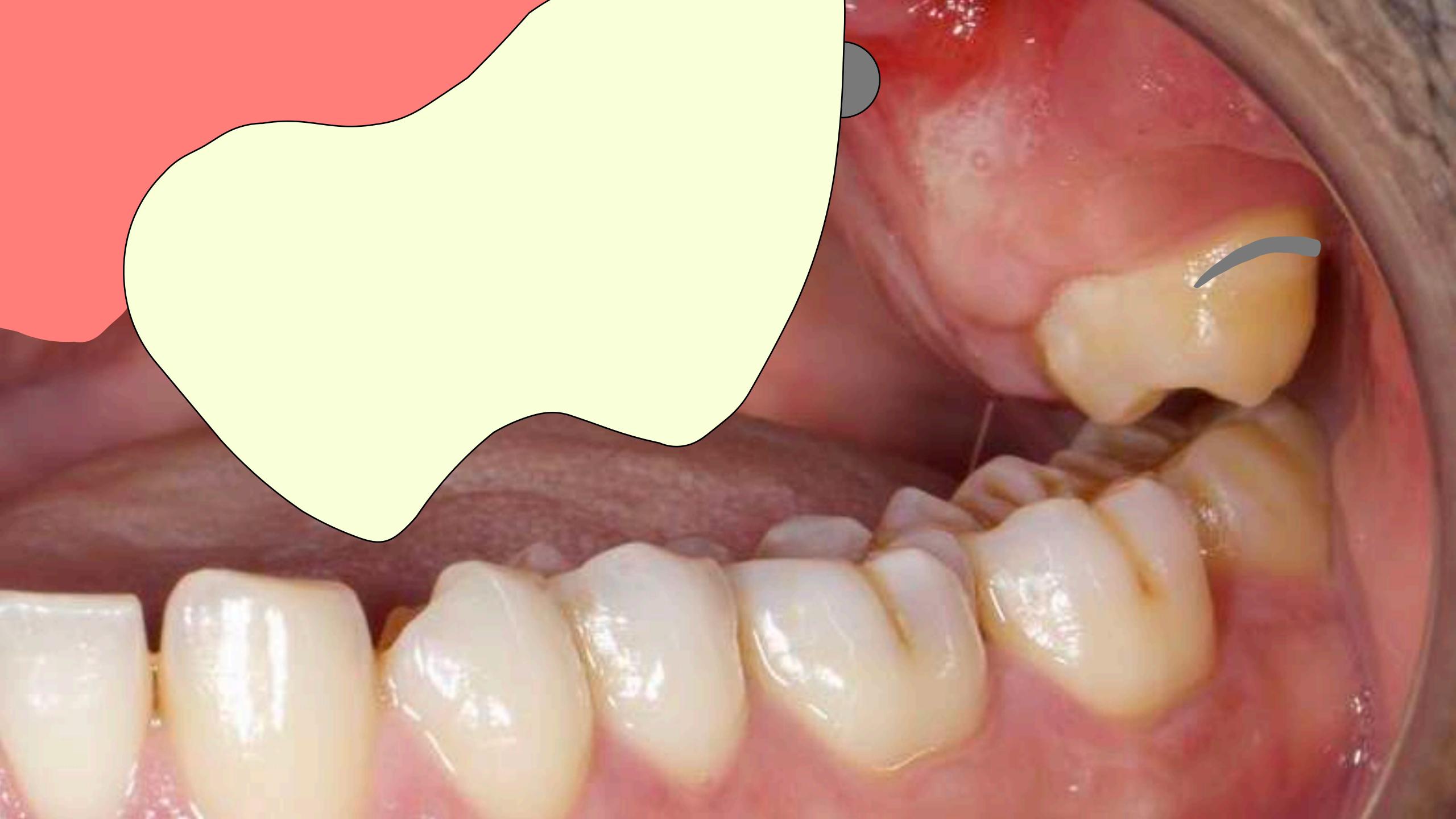


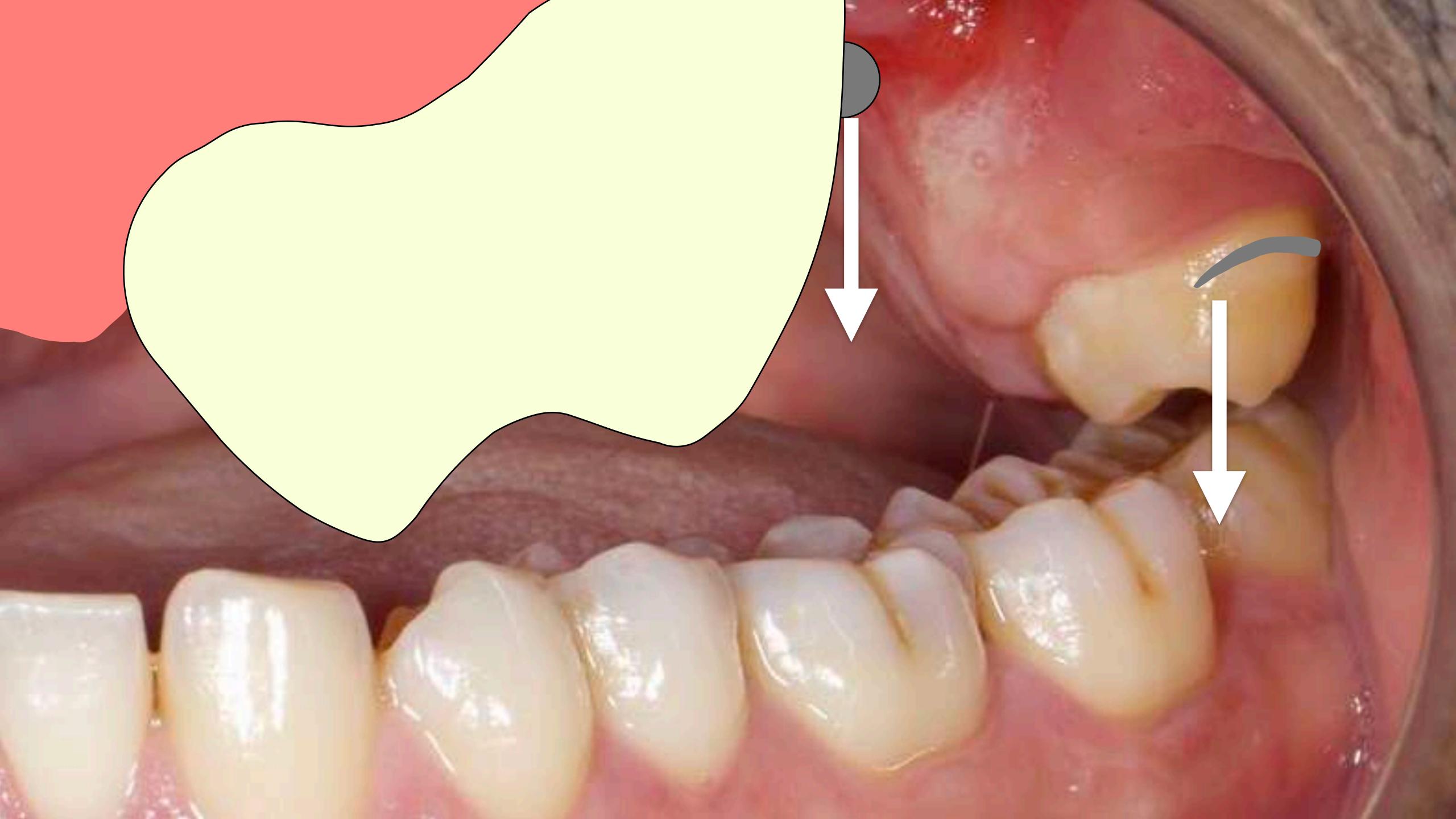


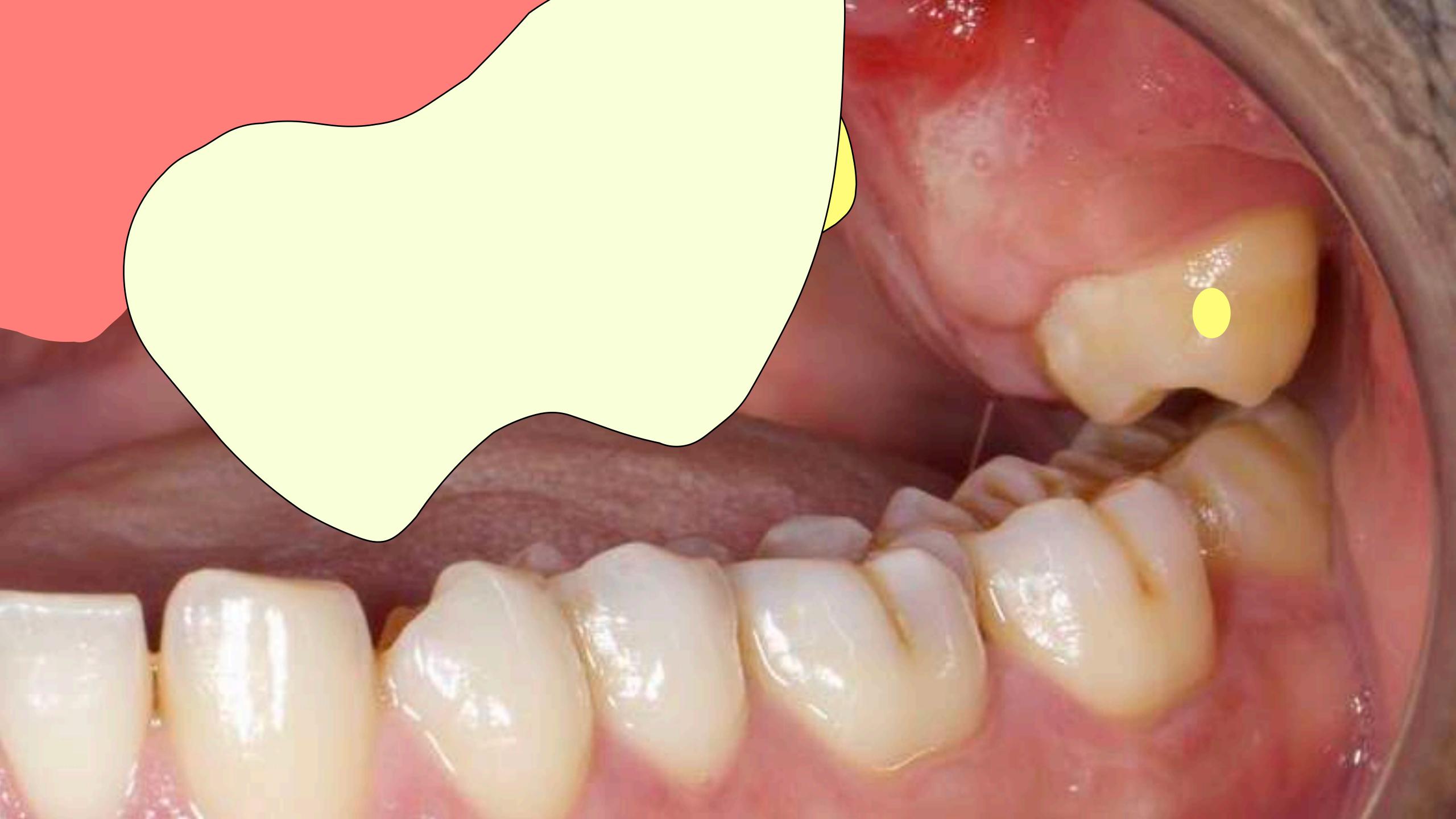


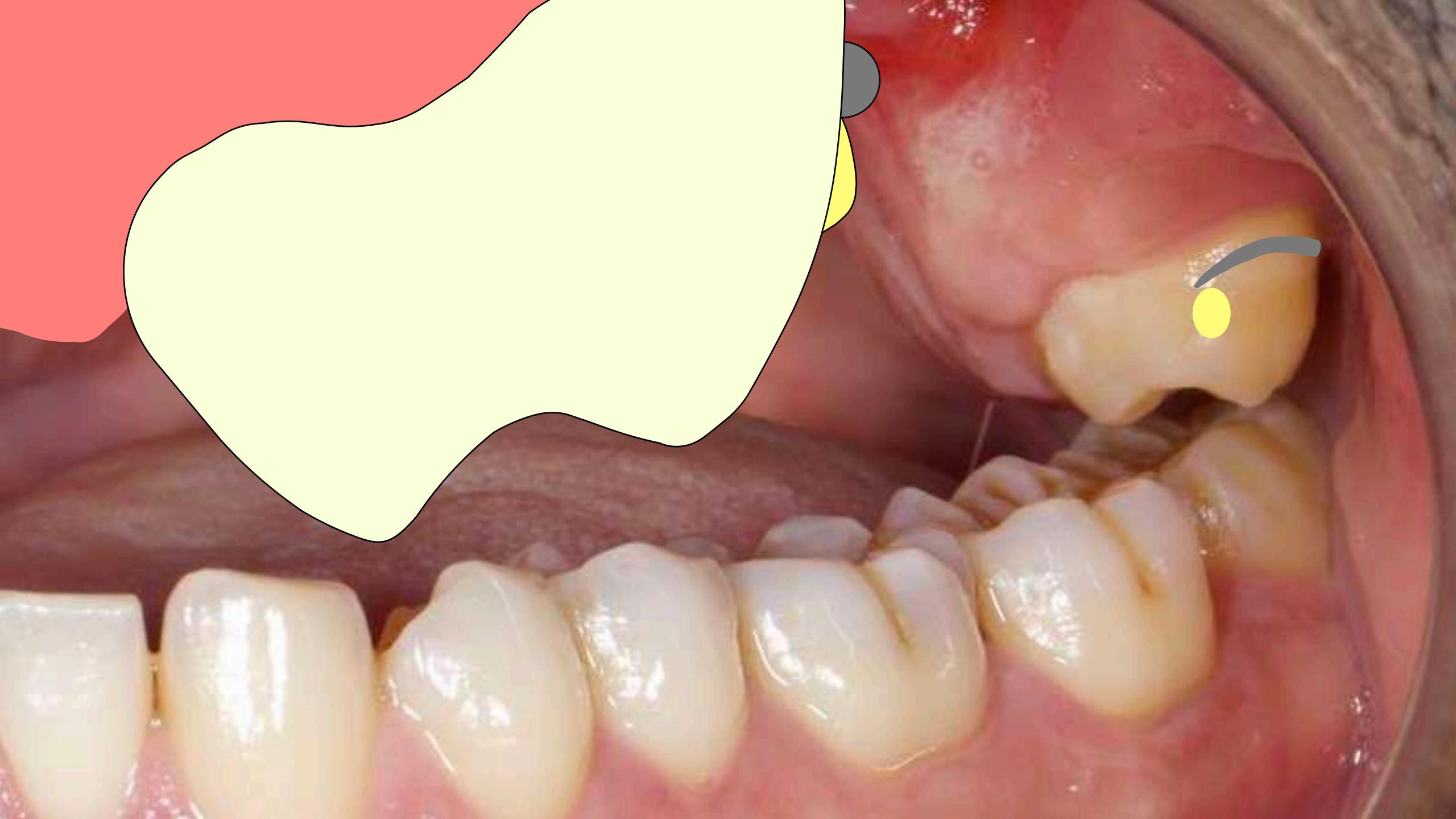


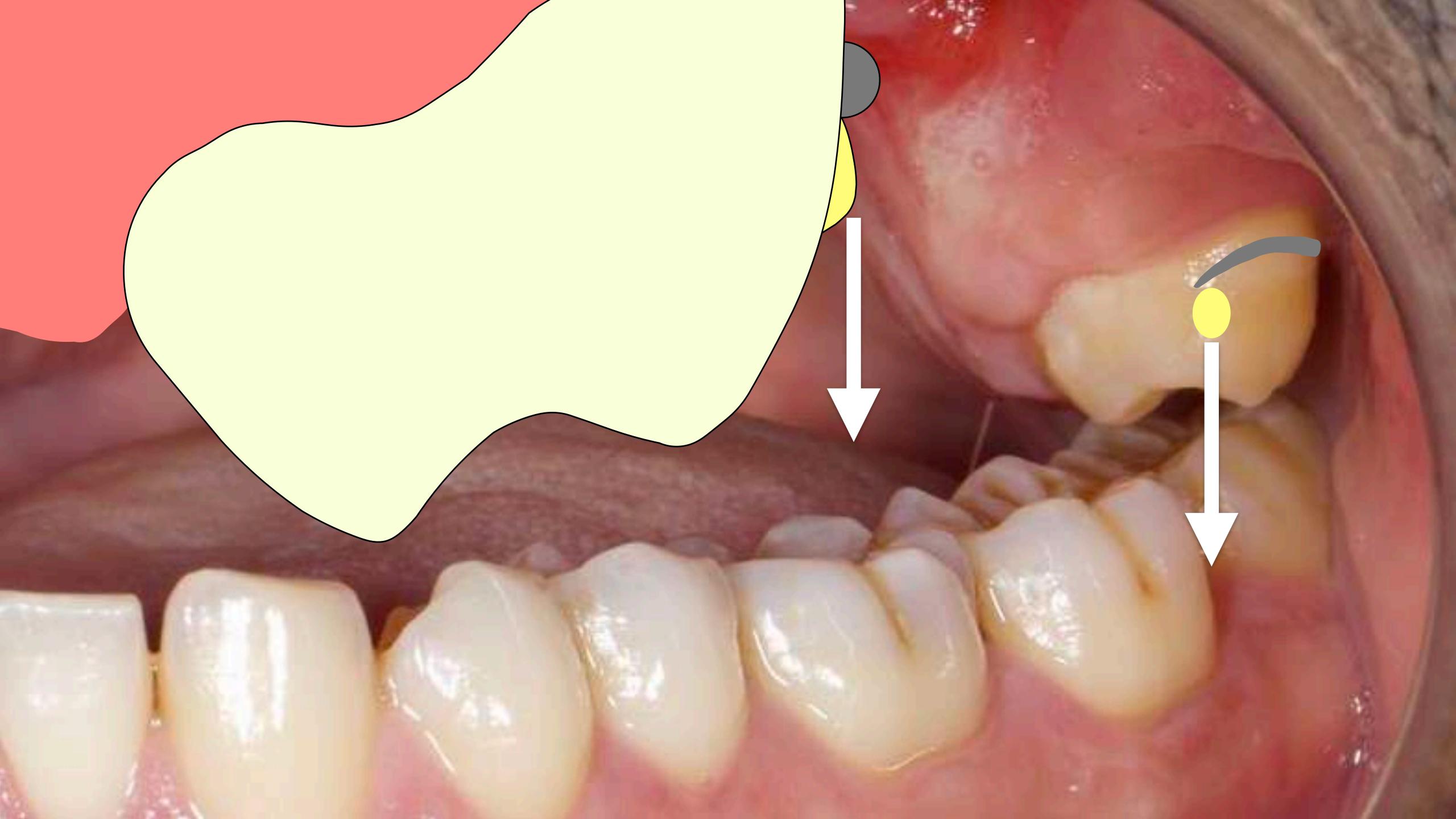






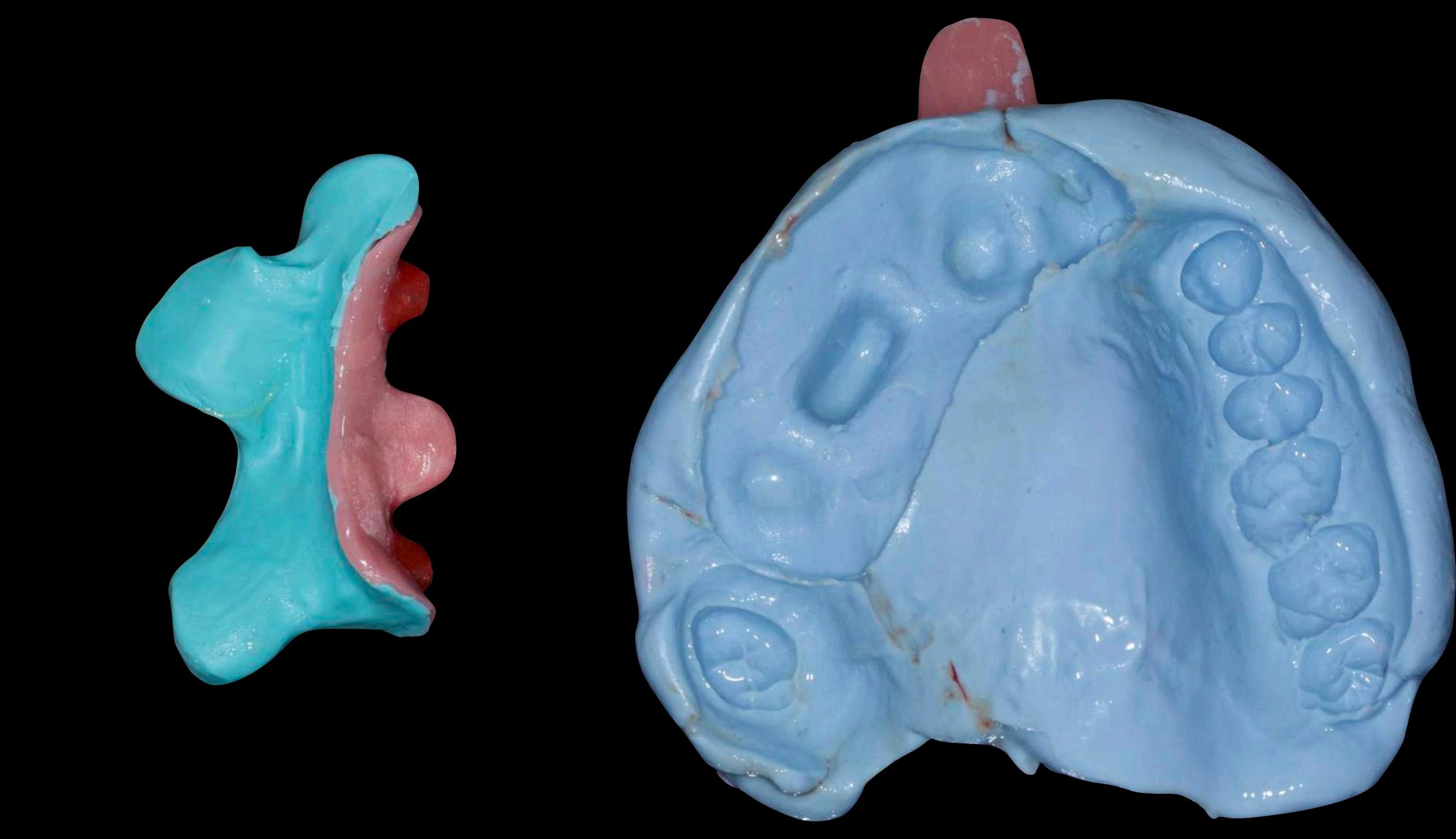


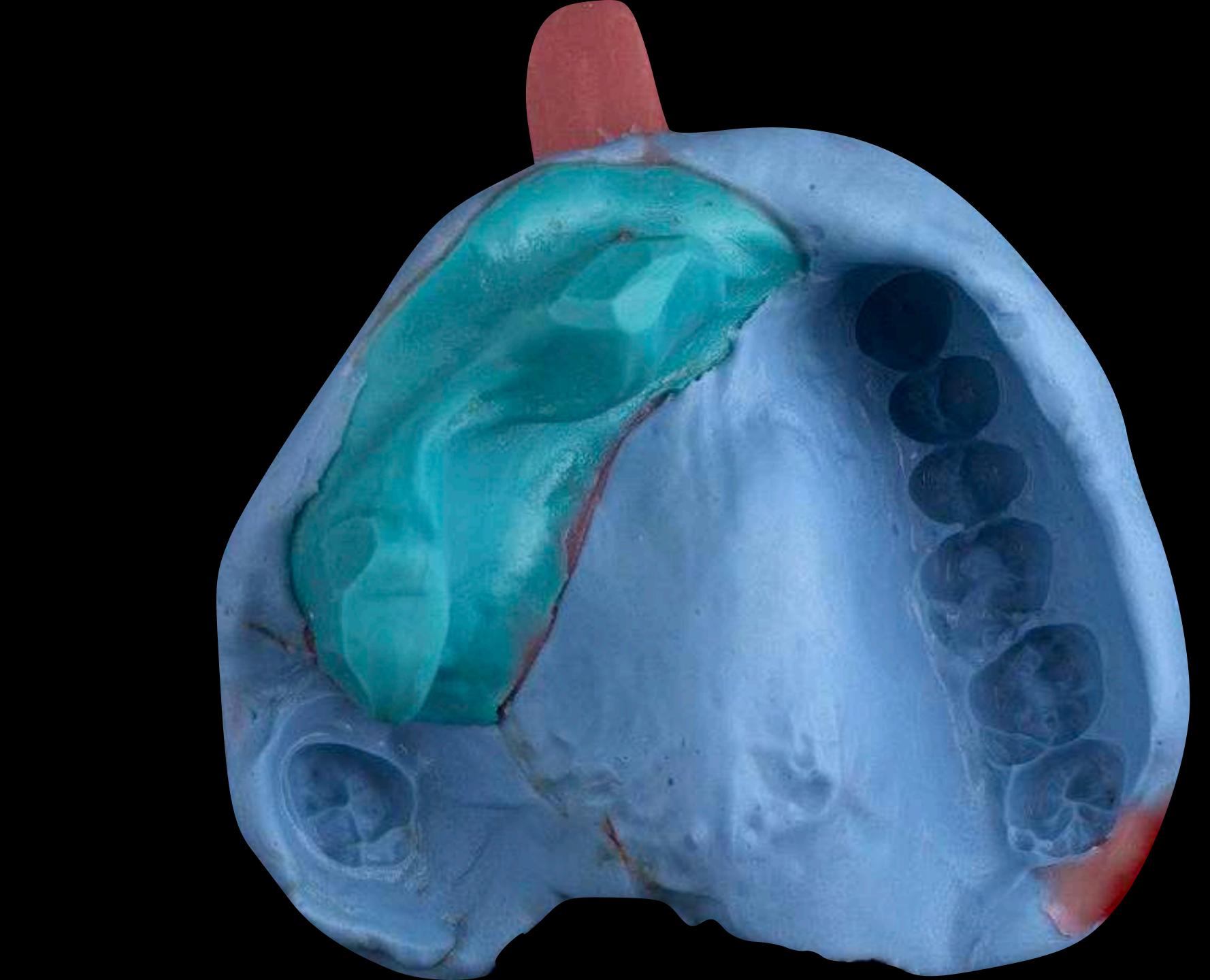








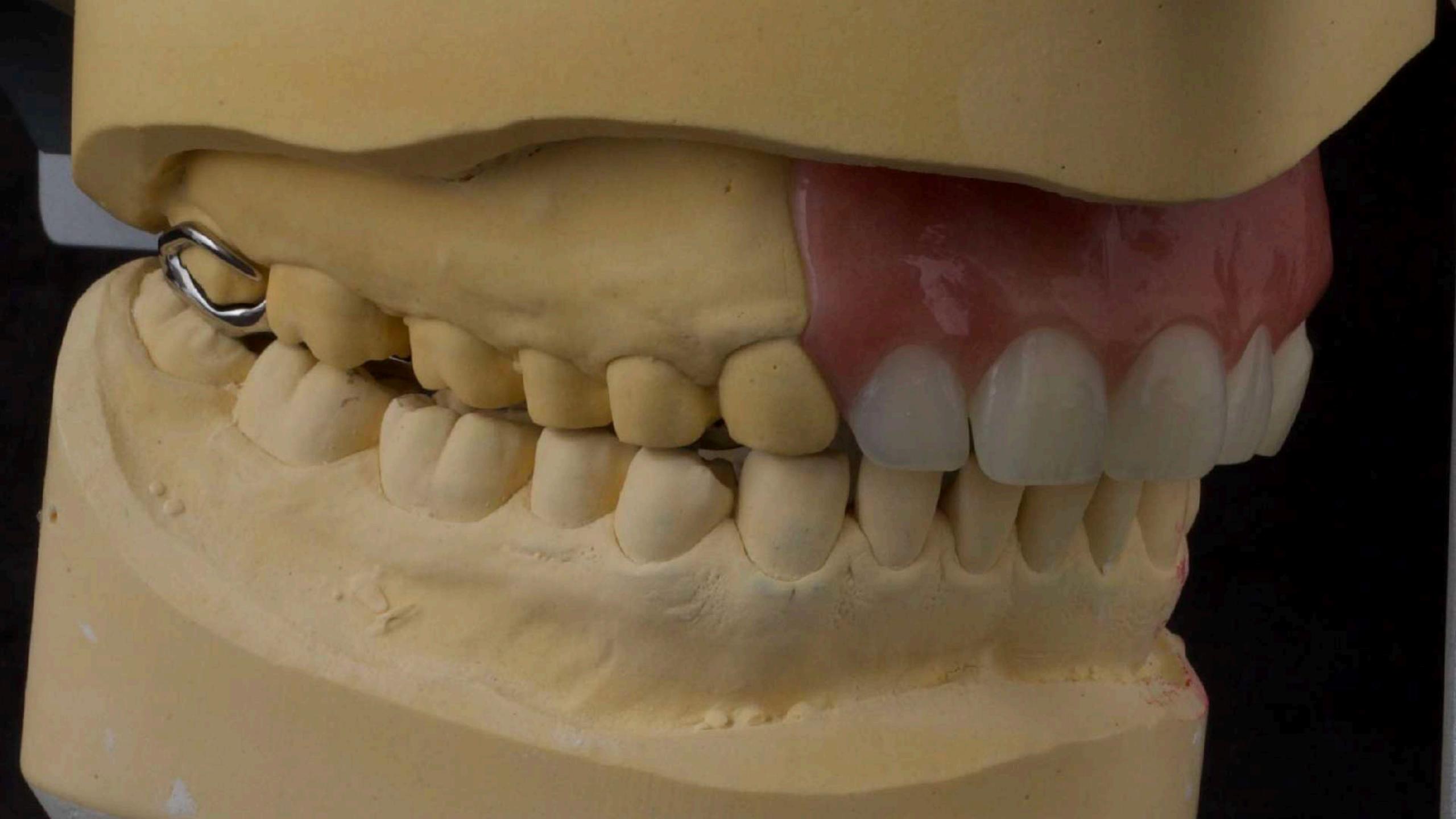


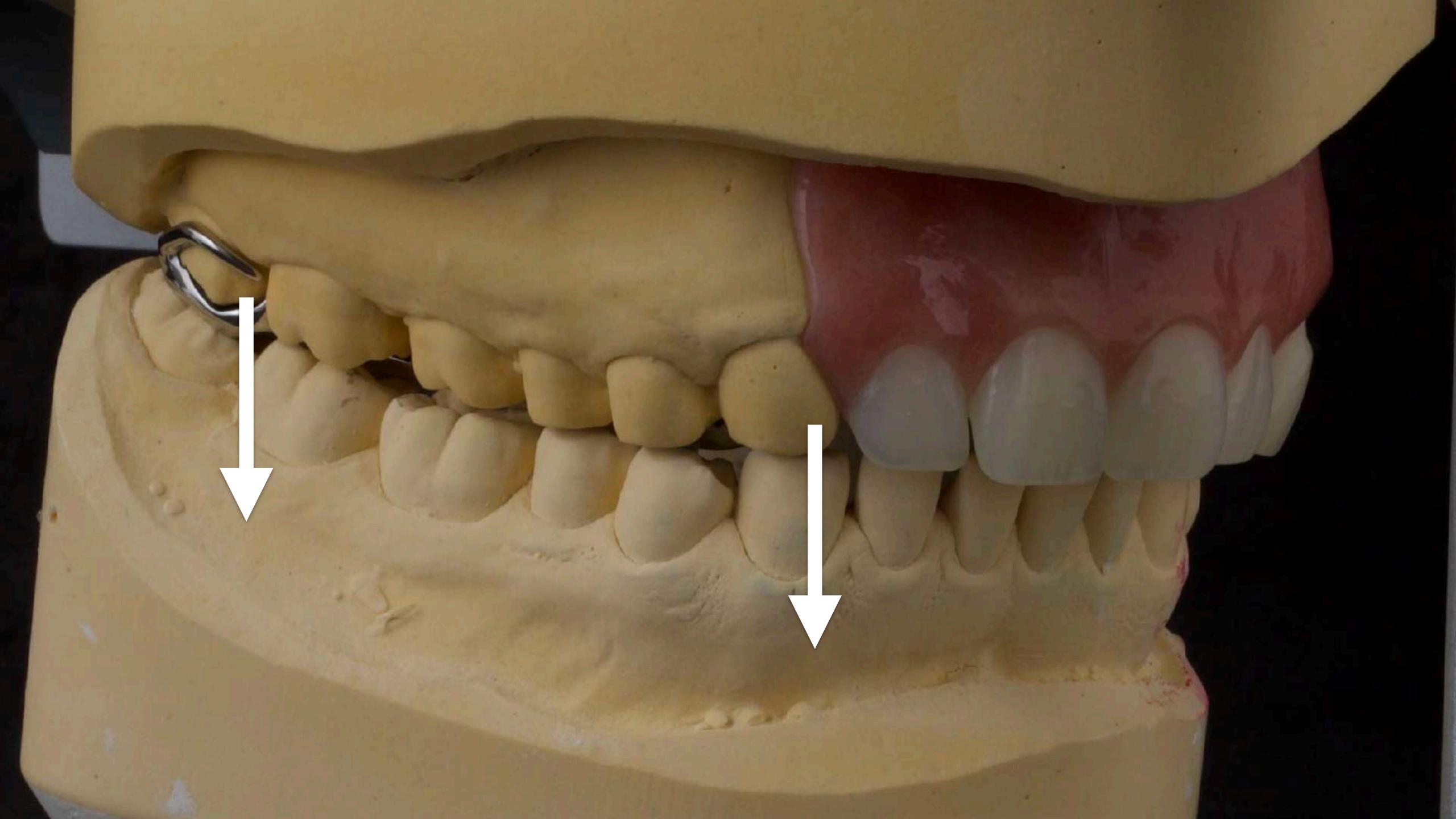






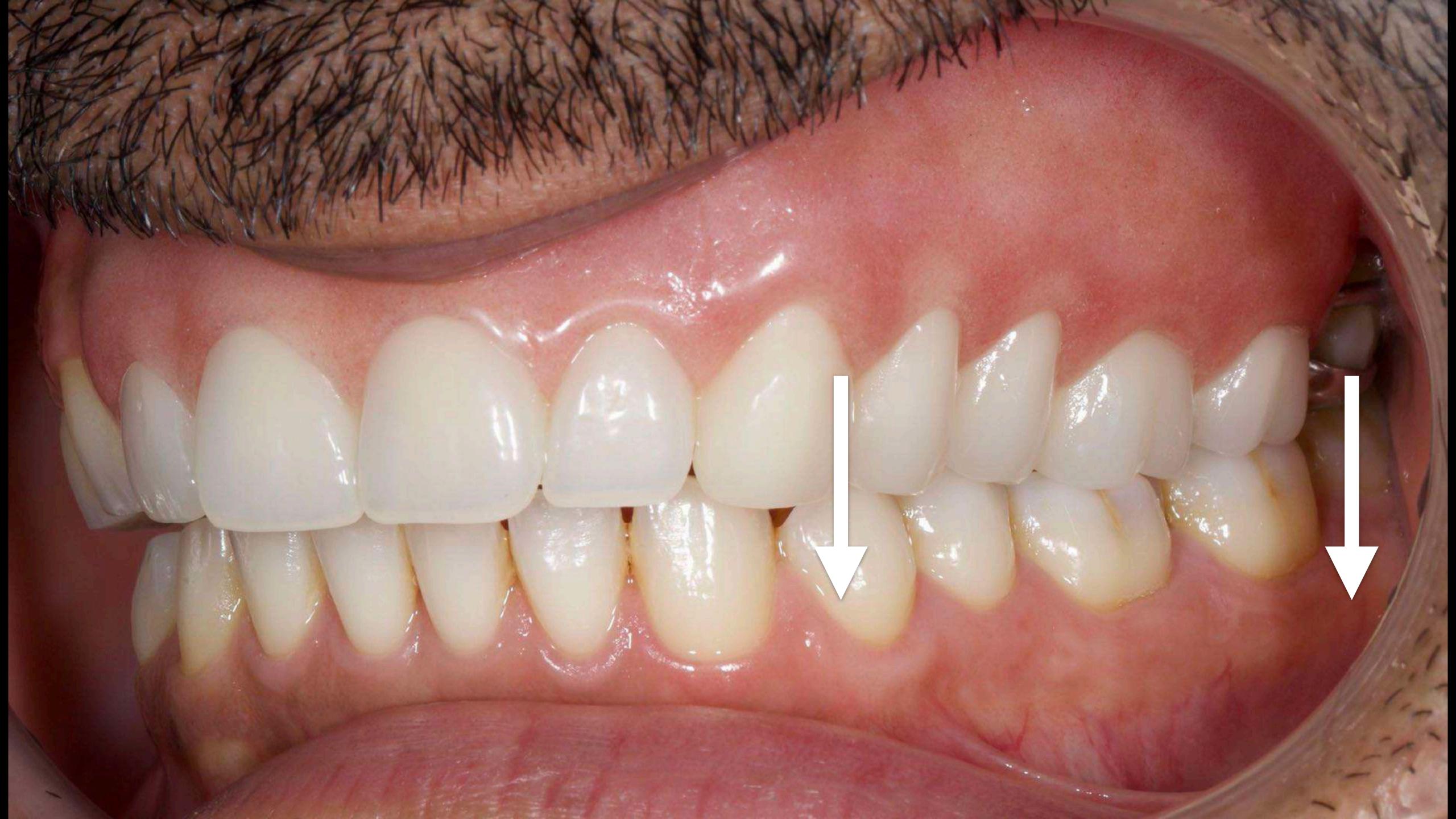


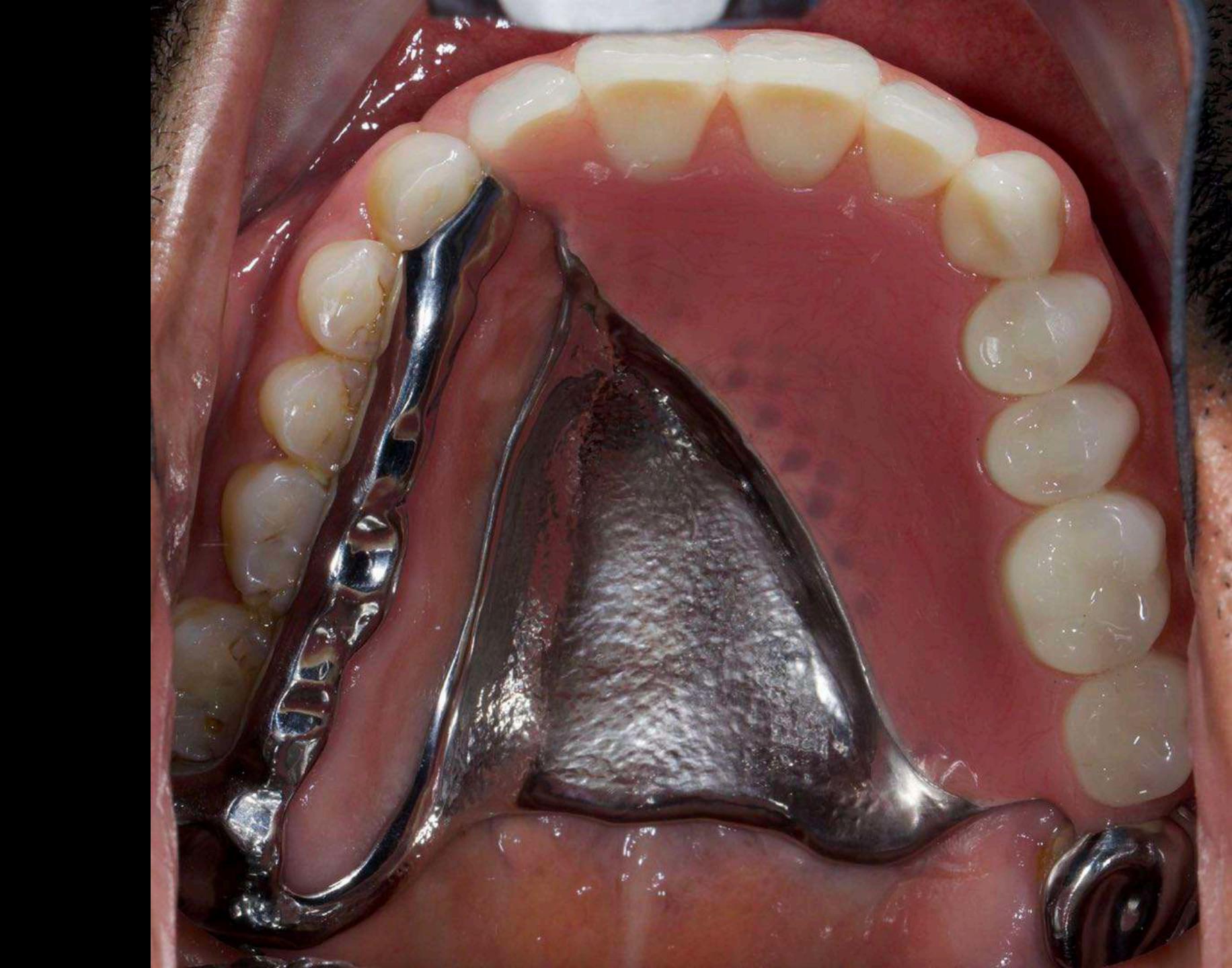






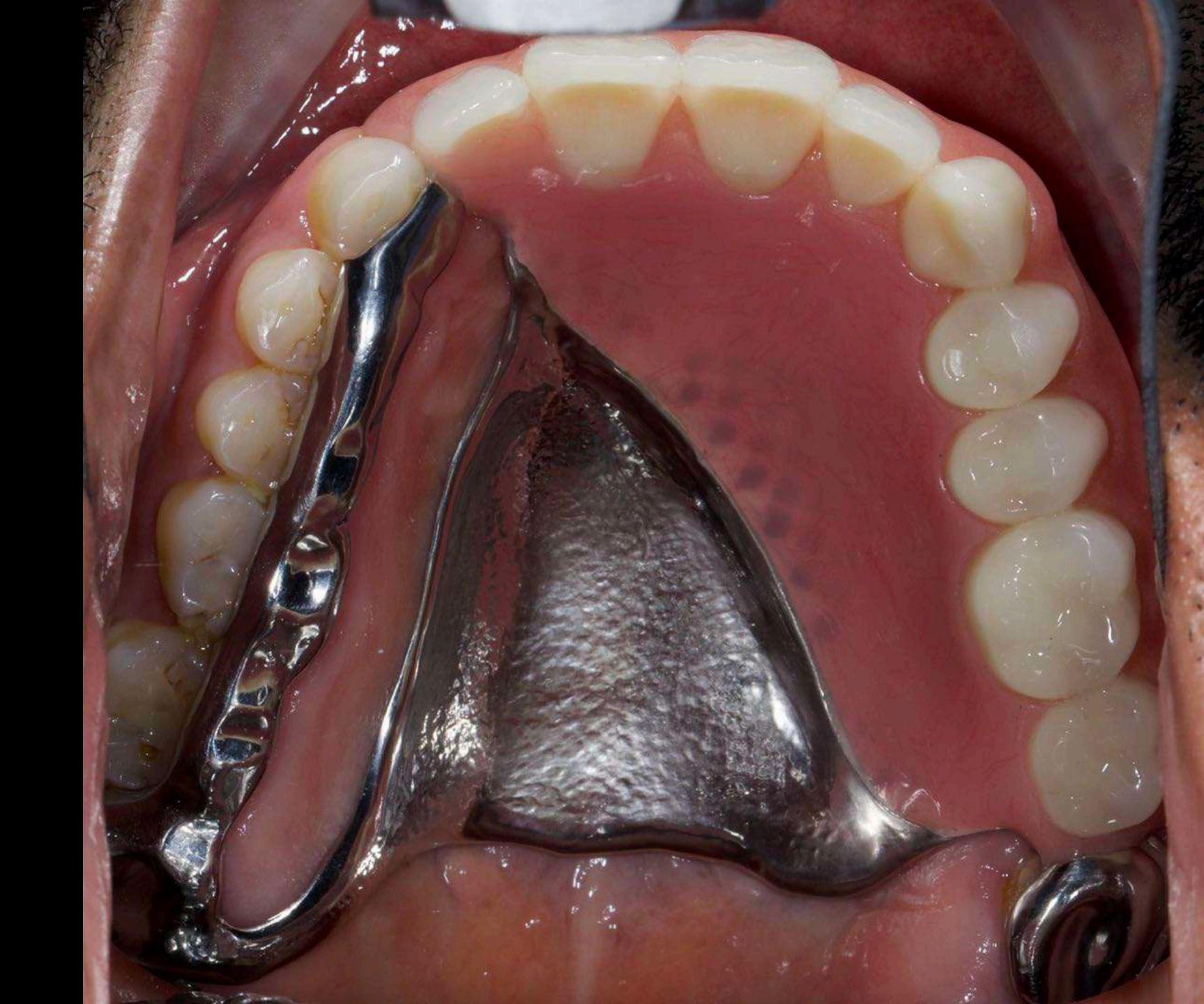






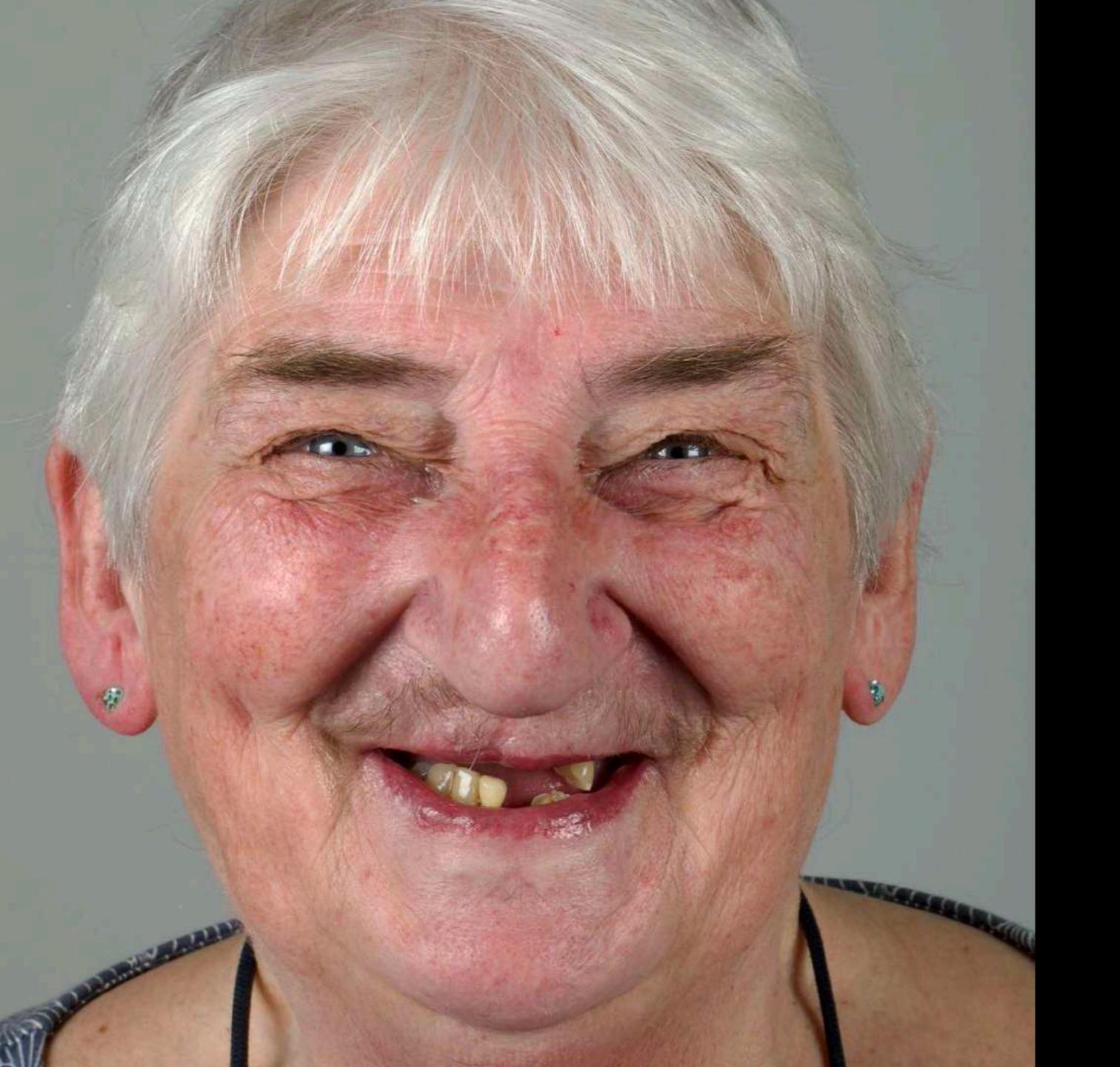
Tooth wear opposing CoCr

Alarcon et al
J Prosthodont 2009

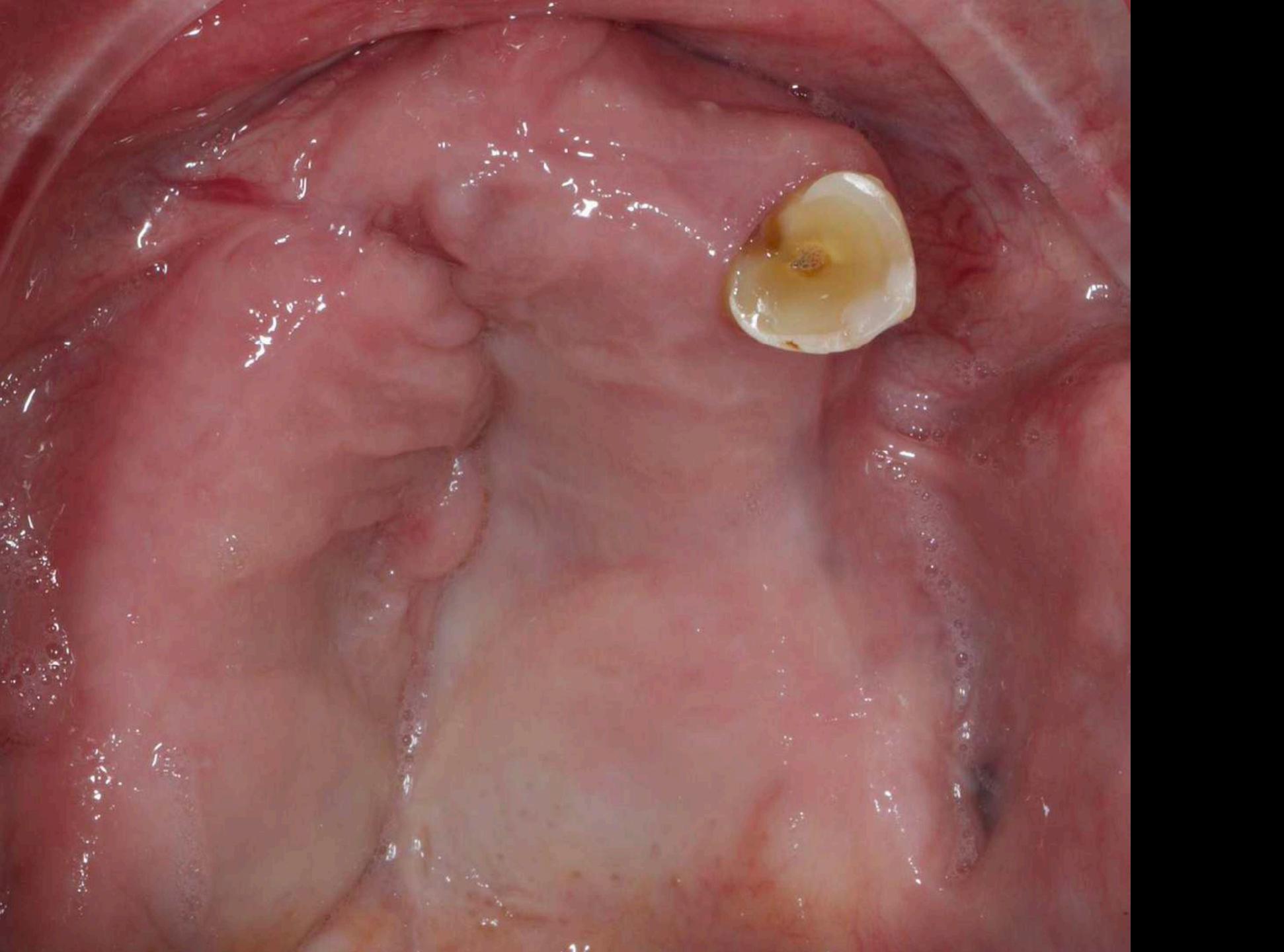








Zephyrine

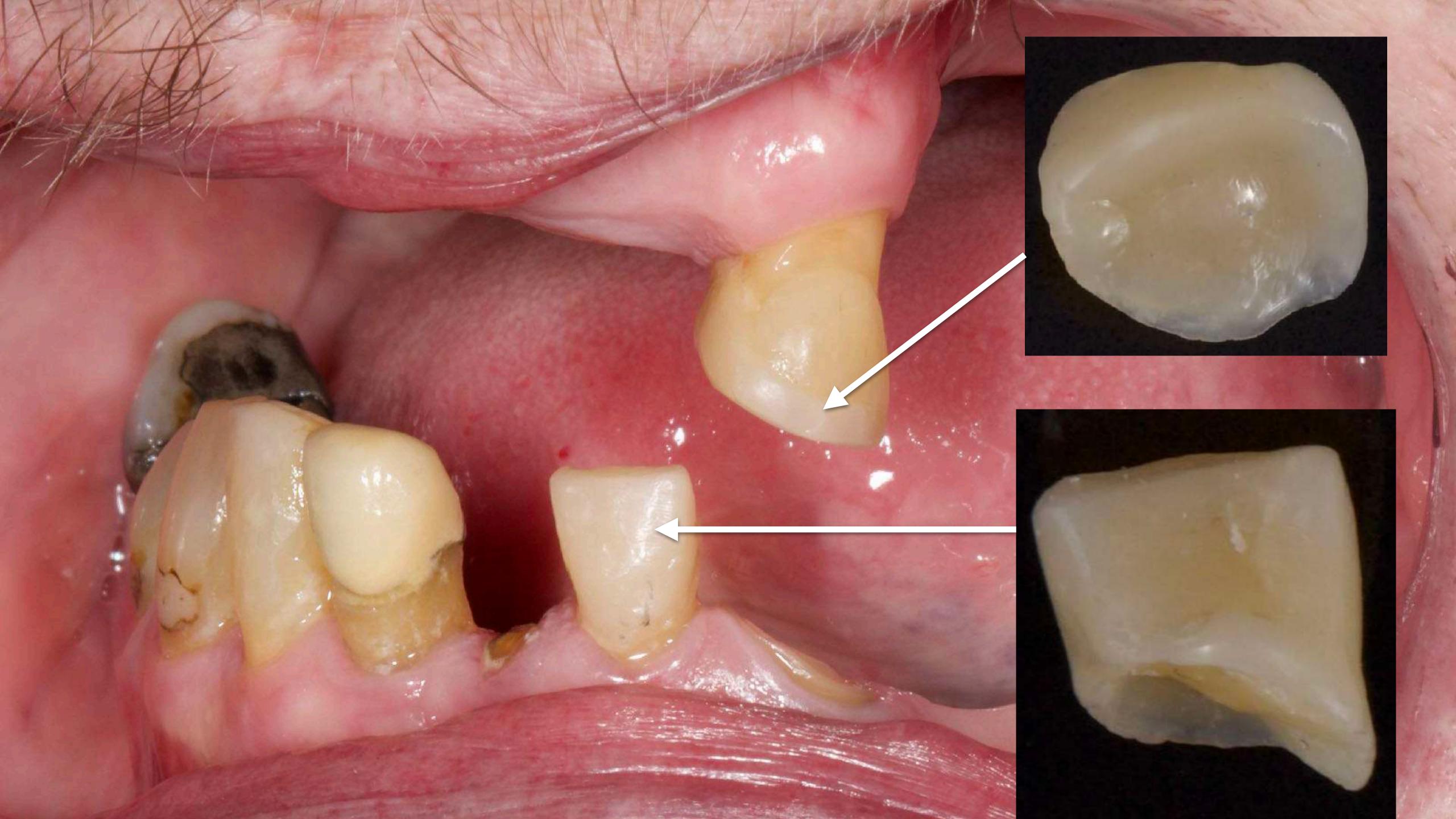




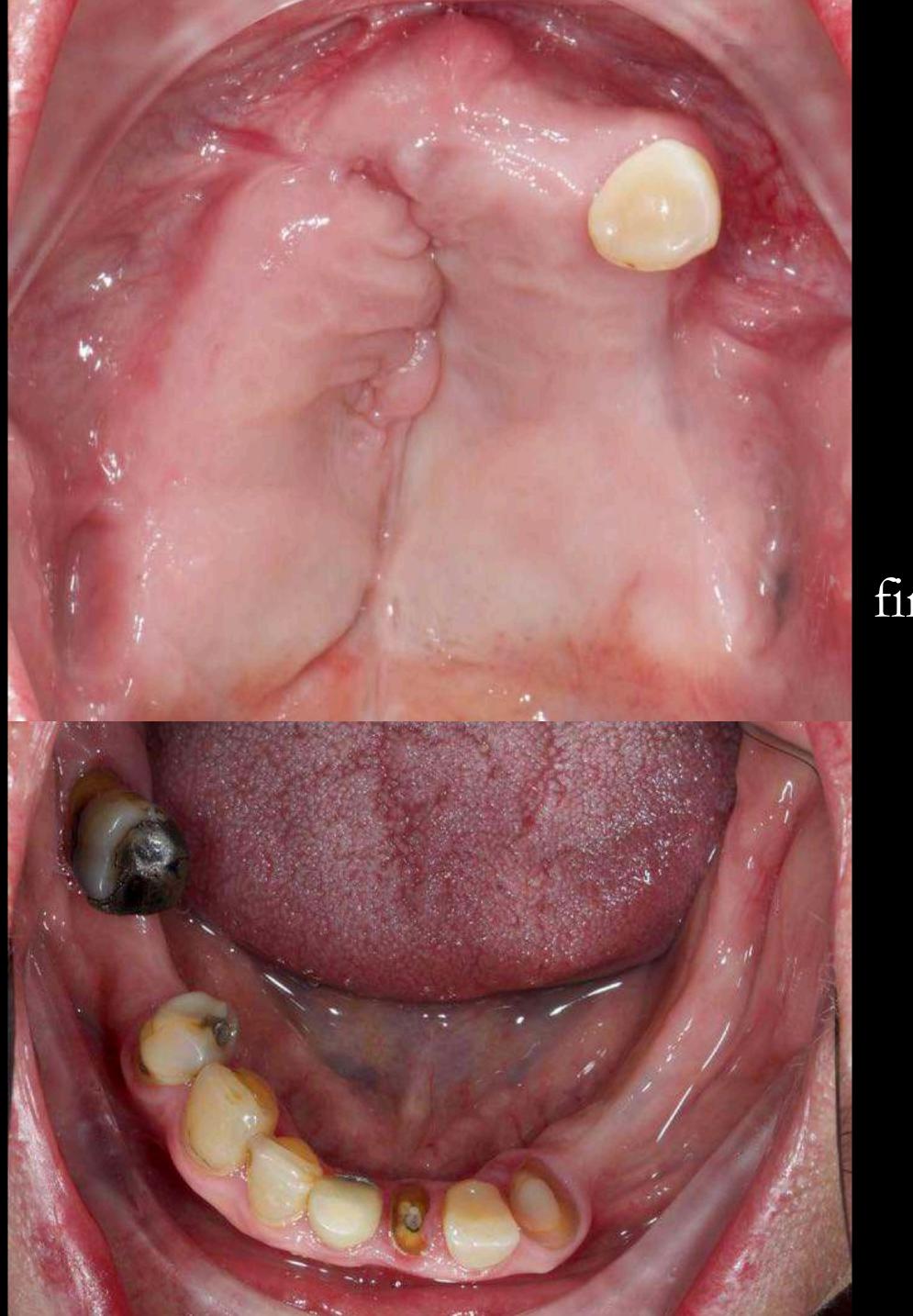




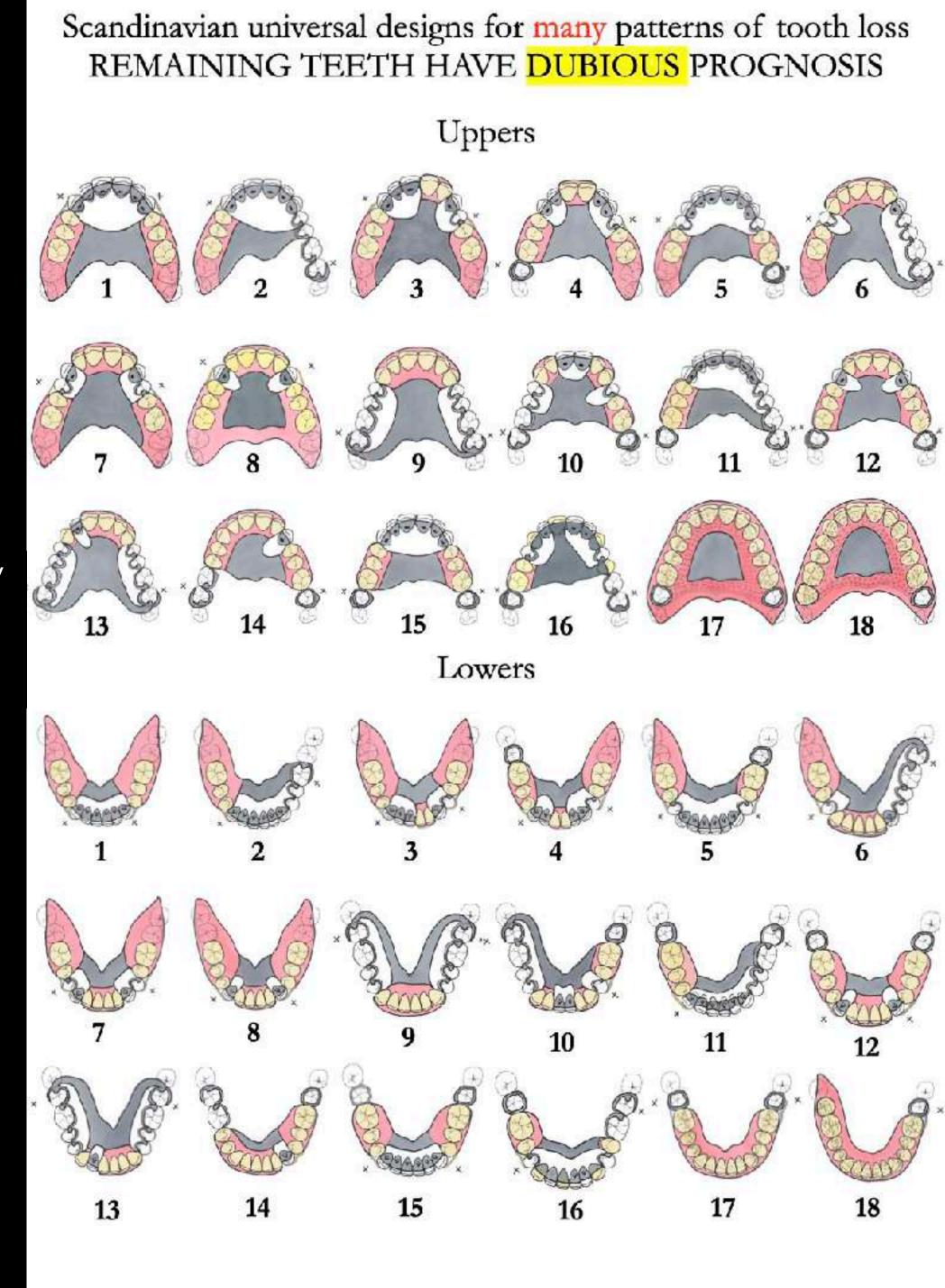


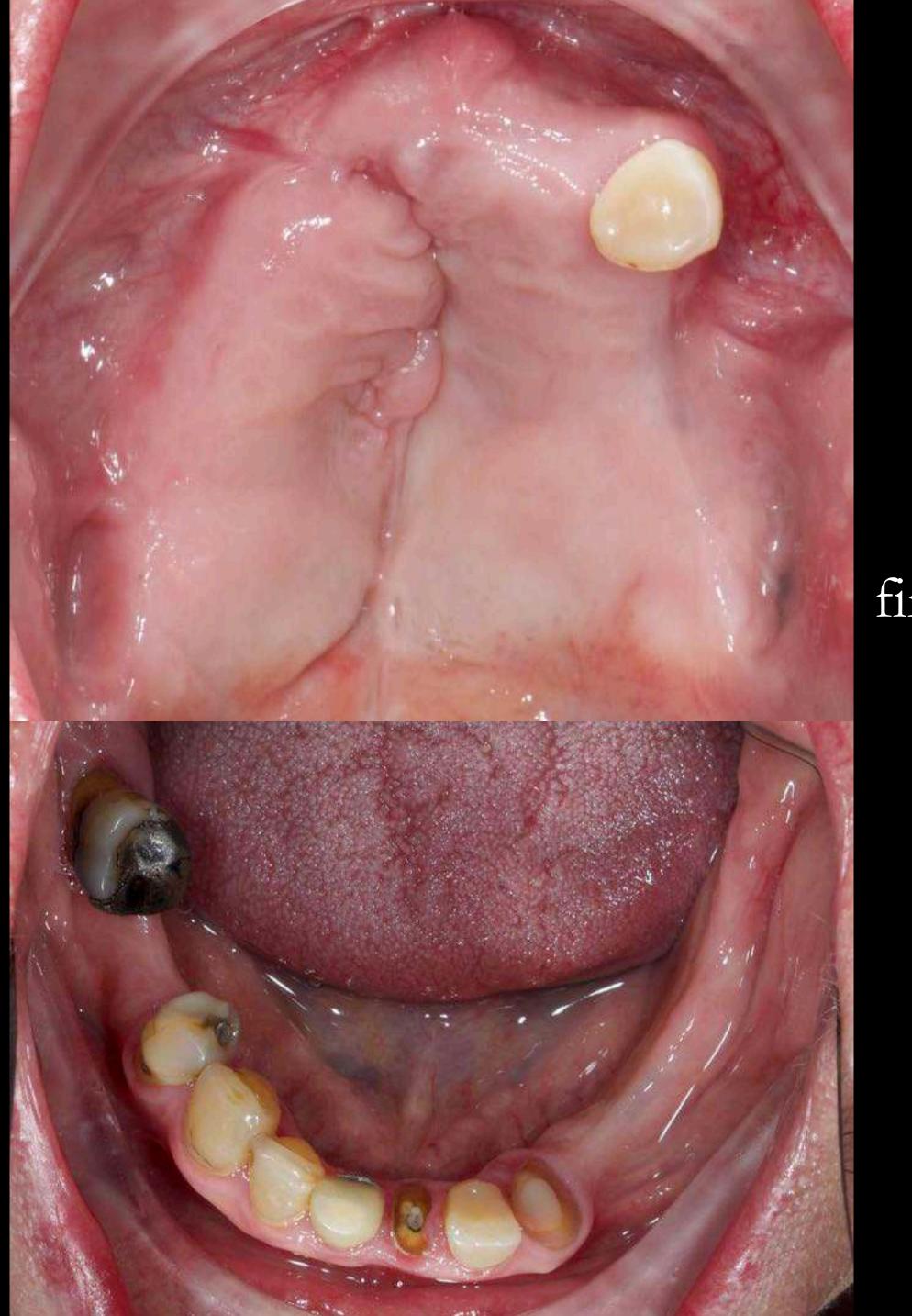




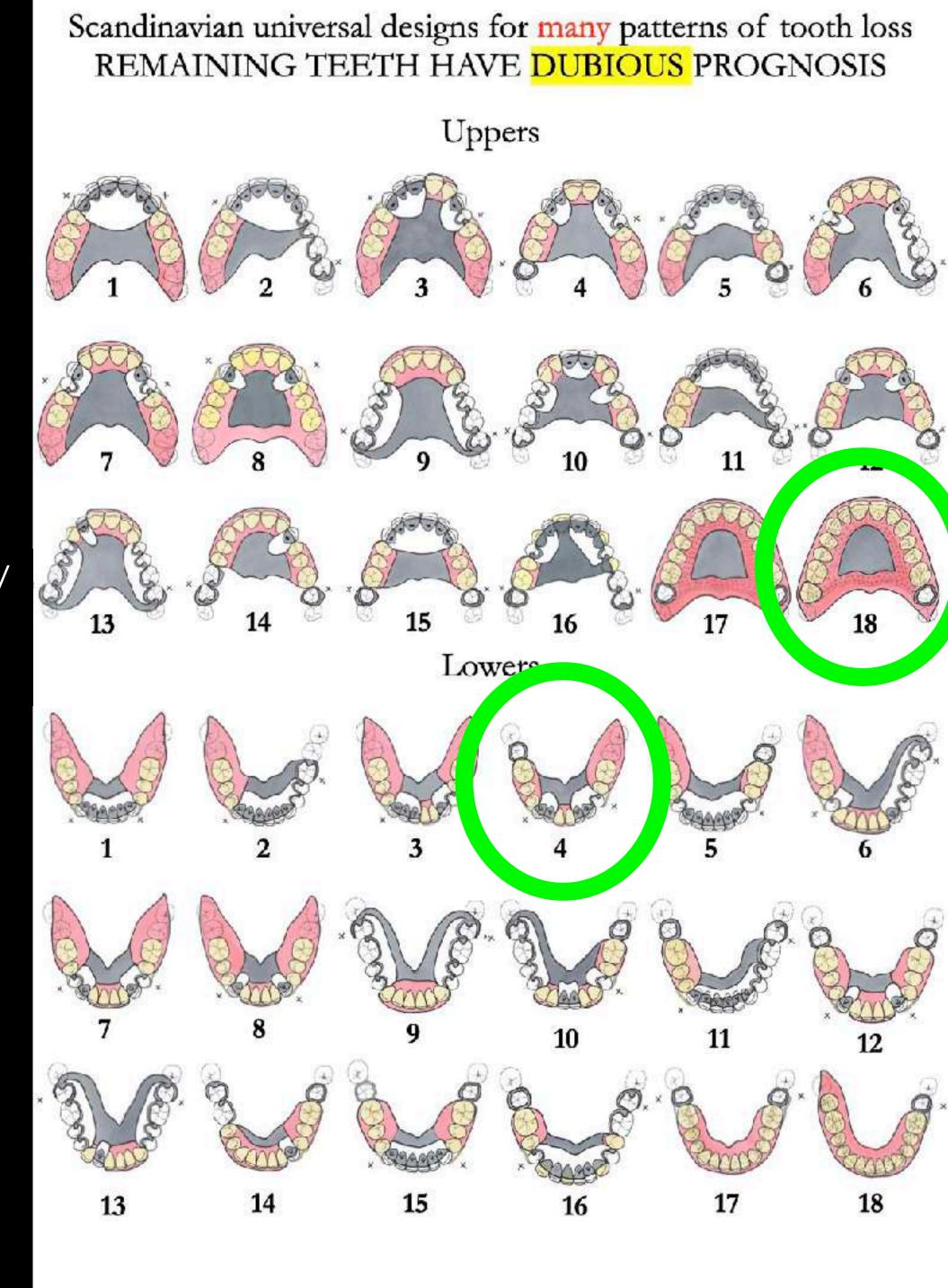


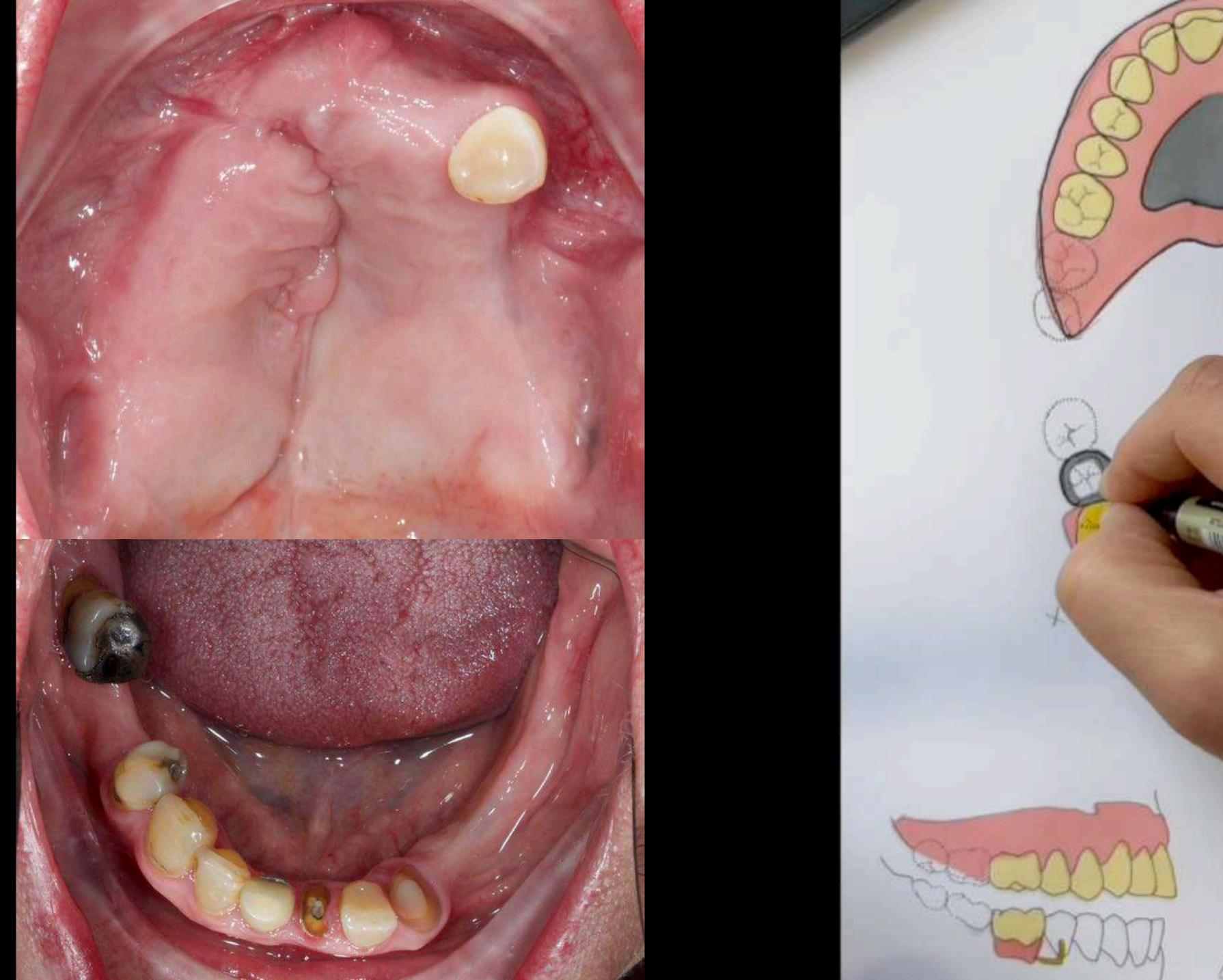
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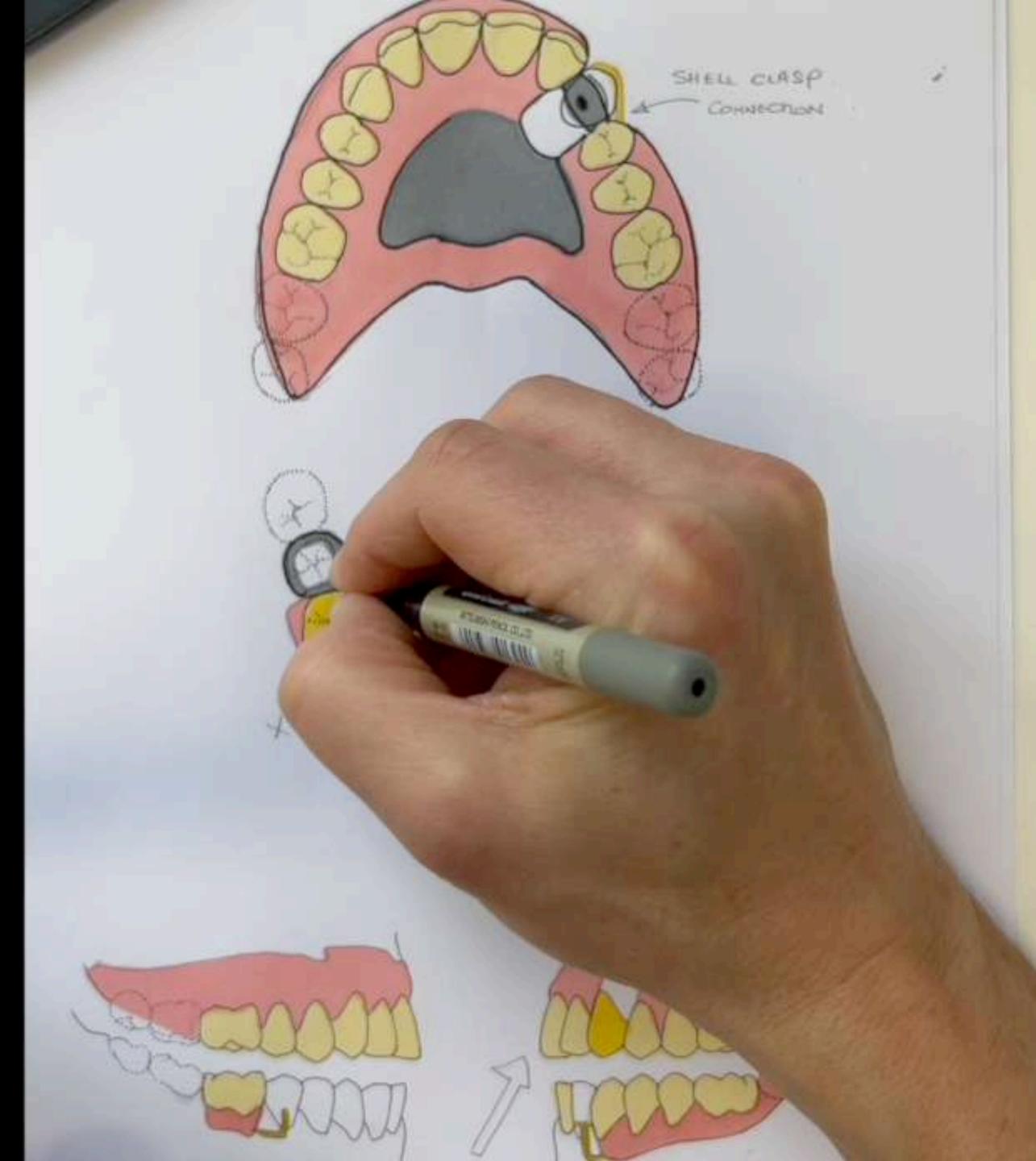




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Shell clasp - John Besford







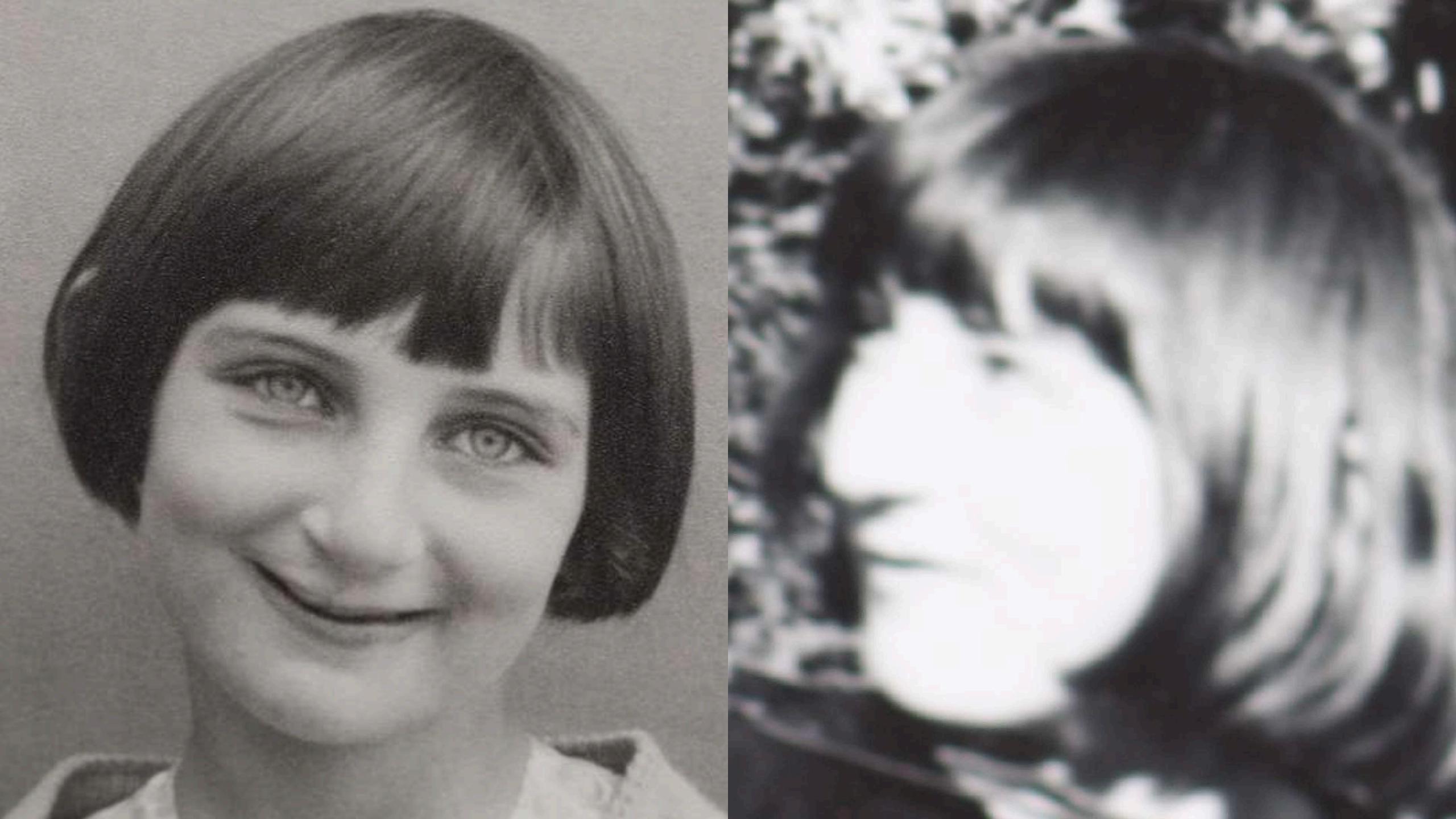
















TAKE (HOME) A SILVER LINING STONE



Life changing





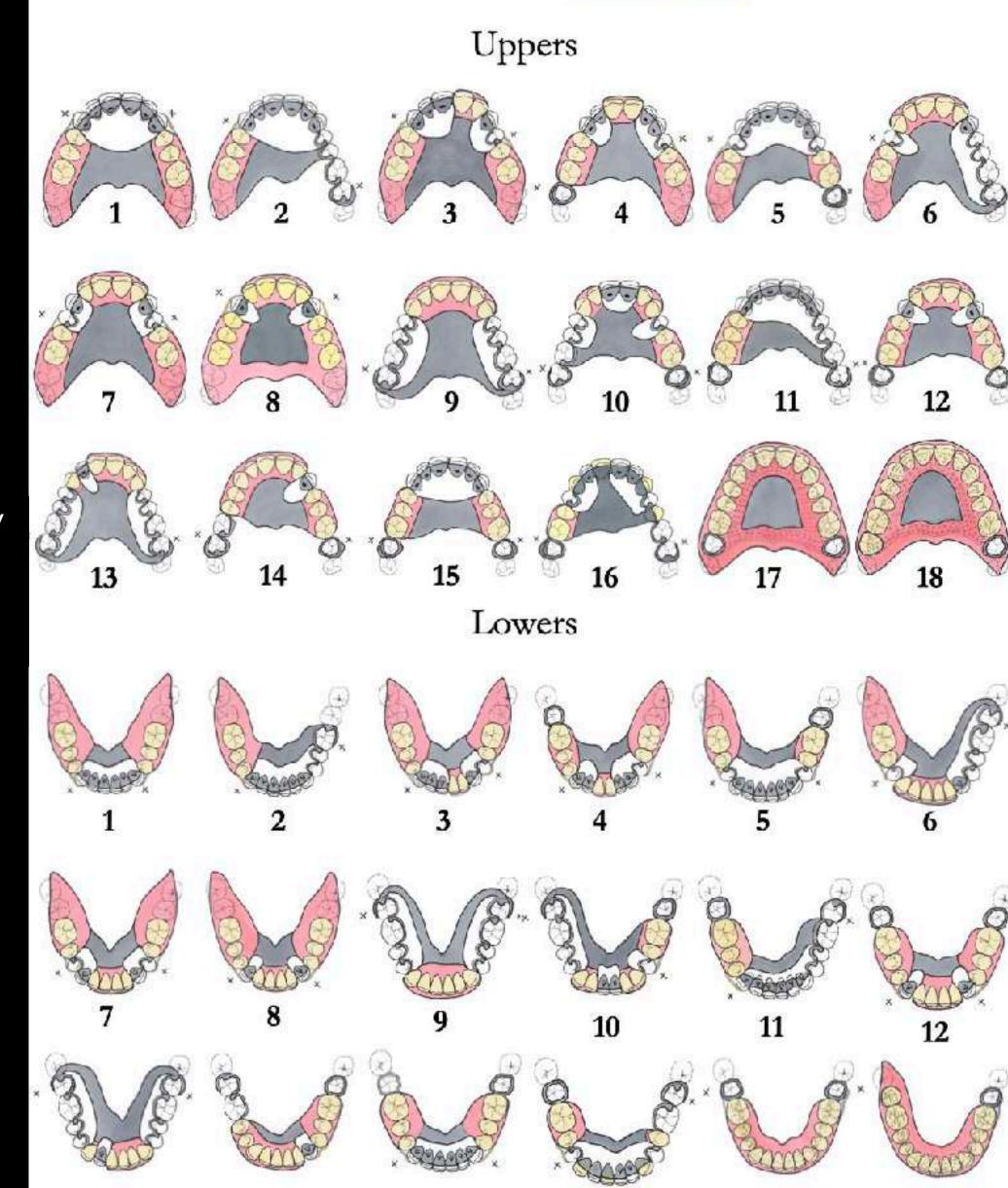


1. Do it



Scandinavian universal designs for many patterns of tooth loss REMAINING TEETH HAVE GOOD PROGNOSIS Uppers Uppers finlaysutton.co.uk/ Lowers resources 14 14 15

Scandinavian universal designs for many patterns of tooth loss REMAINING TEETH HAVE **DUBIOUS** PROGNOSIS



1. Do it

2. Randomised Cross over Trials



RESEARCH REPORTS

Clinical

A.F. Sutton^{1*}, H.V. Worthington¹, and J.F. McCord²

¹The School of Dentistry, The University of Manchester, Higher Cambridge Street, Manchester, M15 6FH, UK; and ²Glasgow Dental Hospital and School, 378 Sauchiehall Street, Glasgow, G2 3JZ, UK; *corresponding author, finlaysutton@another.com

J Dent Res 86(7):651-655, 2007

ABSTRACT

Complete dentures can be produced with different types of occlusal forms. There is some evidence to suggest that it may be advantageous to provide complete dentures with cusped posterior teeth. The aim of this research was to compare the levels of subject satisfaction with 3 types of posterior occlusal forms for complete dentures, in a randomized cross-over trial design. Forty-five participants were randomly assigned 3 sets of complete dentures with different posterior occlusal forms (zero-degree, anatomic, and lingualized occlusions). Subjective data were collected according to visual analogue scales after 8 weeks of denture-wearing. Statistical analysis consisted of repeated-measures analysis of variance, followed by paired t tests. Lingualized and anatomic occlusal forms were perceived to be significantly superior in terms of chewing ability, when compared with zero-degree posterior occlusal surfaces.

KEY WORDS: randomized controlled trial, complete dentures, occlusal forms, patient satisfaction.

RCT Comparing Posterior Occlusal Forms for Complete Dentures

INTRODUCTION

The stability and retention of complete dentures can be compromised by displacing forces, which are created during mastication, swallowing, and parafunctional habits. Throughout these functions, the maxillary and mandibular teeth come into contact, and unfavorable displacing forces can overwhelm the retention and stability of the dentures, creating discomfort from trauma to the underlying mucosa.

If the fitting and polished surfaces are ideal, it is assumed that the form of the occlusal surfaces and the nature of their contacts become critical for successful denture function. The search for the most appropriate occlusal form and tooth arrangement for complete denture occlusion has been ongoing for almost two centuries (Lang, 2004).

Before this research was conducted, a Cochrane review was performed to determine if there had been previous randomized controlled trials comparing the efficacy of different occlusal schemes for complete dentures (Sutton et al., 2005). The objective of the systematic review was to identify a superior occlusal scheme for complete dentures in terms of the patient satisfaction. Of the 1076 papers reviewed, one paper satisfied the inclusion criteria for the review (Clough et al., 1983). The trial suggested that participants preferred prosthetic teeth with cusps as opposed to cuspless ones (zero degree), because of their improved chewing performance. However, this study was judged to be at high risk of bias, owing to the provision of insufficient information regarding the method of randomization and allocation concealment. In addition, the method for assessing participant satisfaction was unclear. This paper was published in 1983, when validated indices were in their infancy. With the advent of implant-stabilized prostheses and an emphasis on demonstrating value for money in medical and dental health care, there are now numerous indices available (Feine et al., 2002).

The purpose of this research was to conduct a randomized cross-over trial to test the null hypothesis that there is no variation in the level of people's satisfaction for 3 different types of posterior occlusal forms for complete dentures.

MATERIALS & METHODS

A medical statistician (HVW) was consulted regarding protocol design prior to the study. A randomized cross-over design was chosen, since this method of assessment has been used successfully in evaluating individual preferences for different types of prostheses in previous high-quality trials (de Grandmont et al., 1994; Feine et al., 1994; Tang et al., 1997; Awad and Feine, 1998; de Albuquerque Junior et al., 2000; Awad et al., 2003).

This study used 50 edentulous individuals taken from the waiting list of the University Dental Hospital of Manchester, UK, and requiring the provision of replacement complete dentures. The protocol of the study was approved by the City of Manchester local research ethics committee (study number 01/454).

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UK RPD designs v Scandinavian RPD designs

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1. Do it

2. Randomised Cross over Trials

3. Teach it



Thank you

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education@finlaysutton.co.uk

