















The window may
accelerate the demise of
the tooth

If support tooth fails - addition to convert to complete denture



1

2

3

4

5

6

7

Patient communication

Free end saddles

Future loss of teeth

Impressions

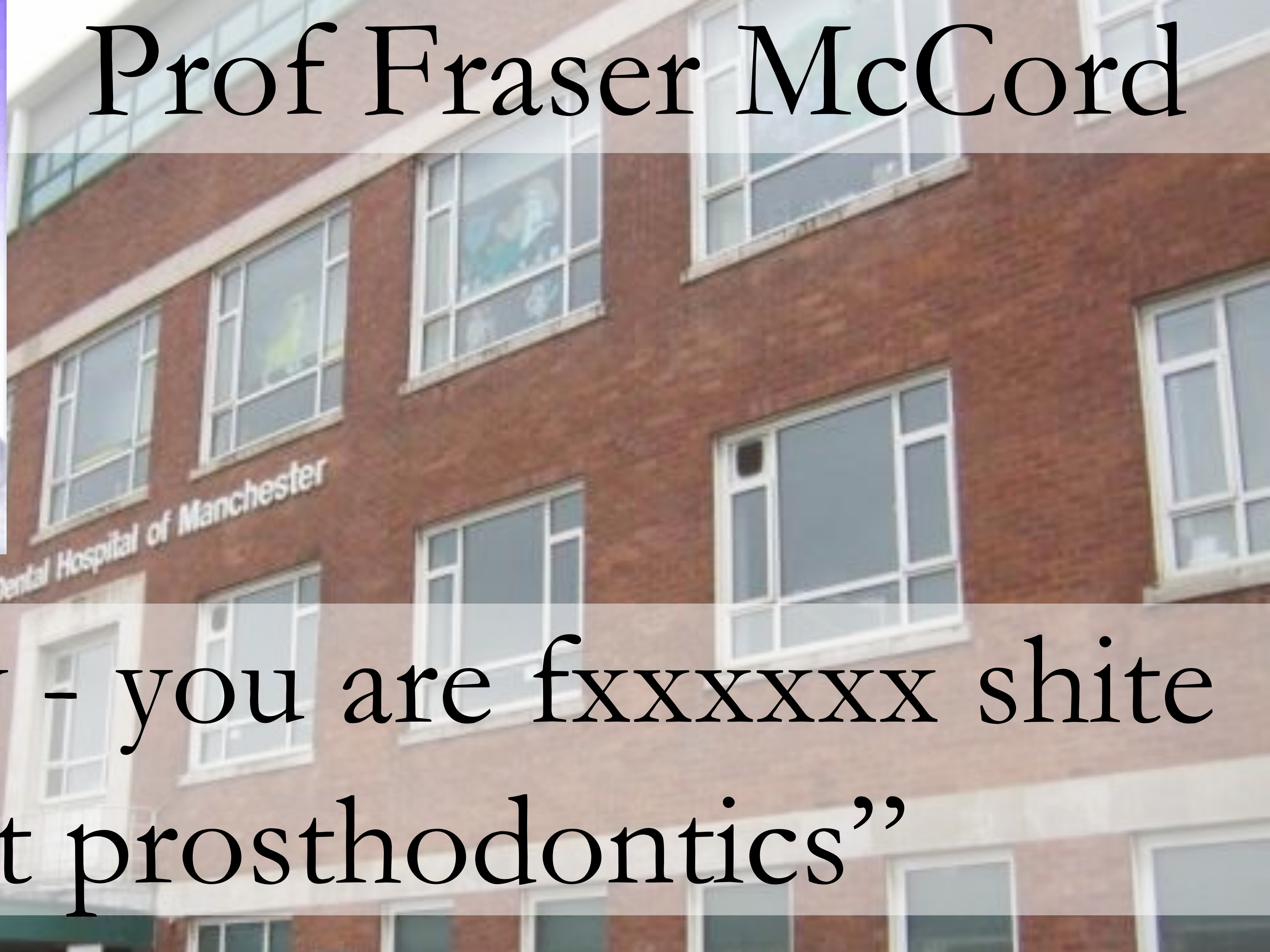
Technician

Rest seats

Design



Prof Fraser McCord



“Finlay - you are fxxxxxx shite
at prosthodontics”

Dave









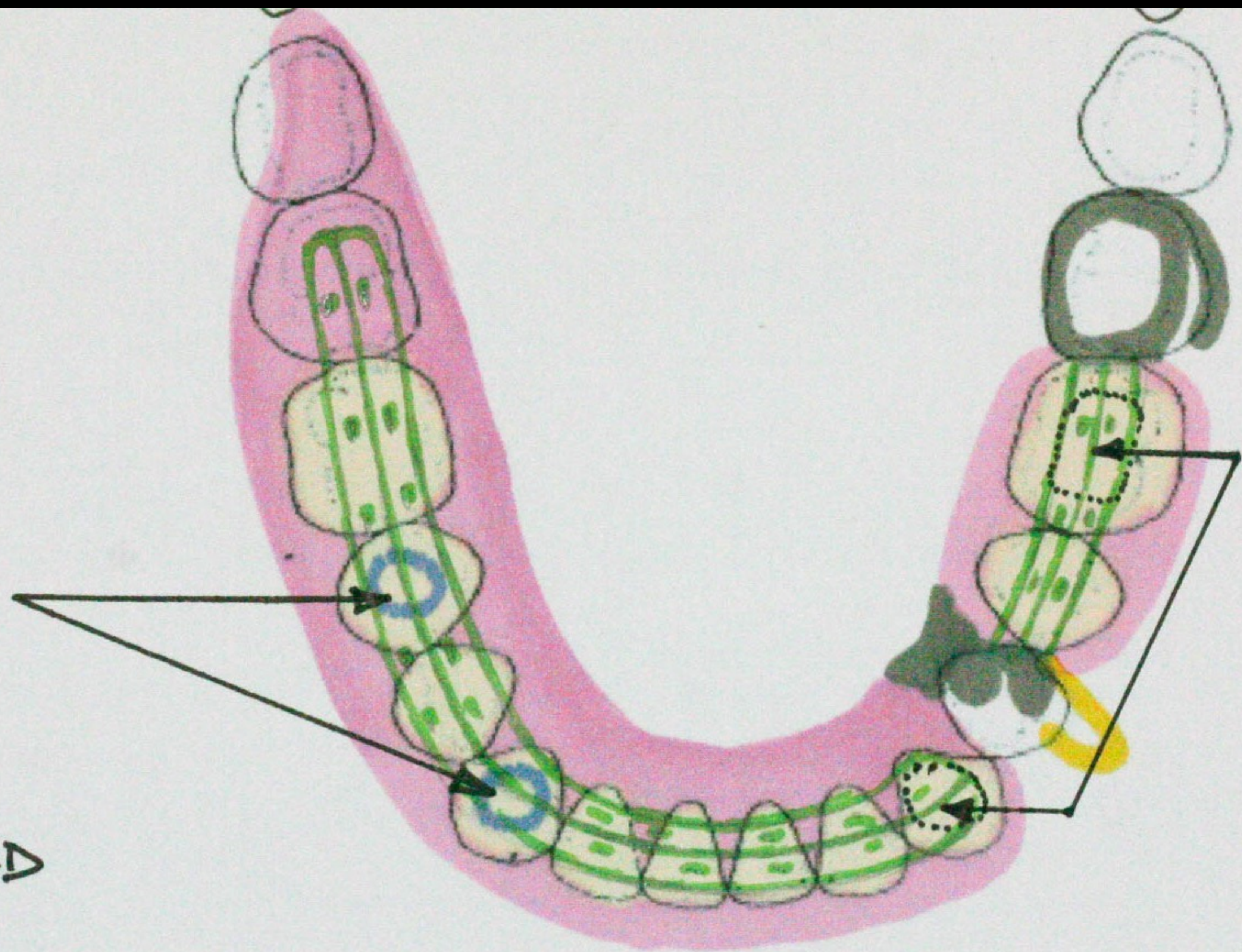




Design



IMPLANT
PROVISION
FOR THE
FUTURE
IF NEEDED

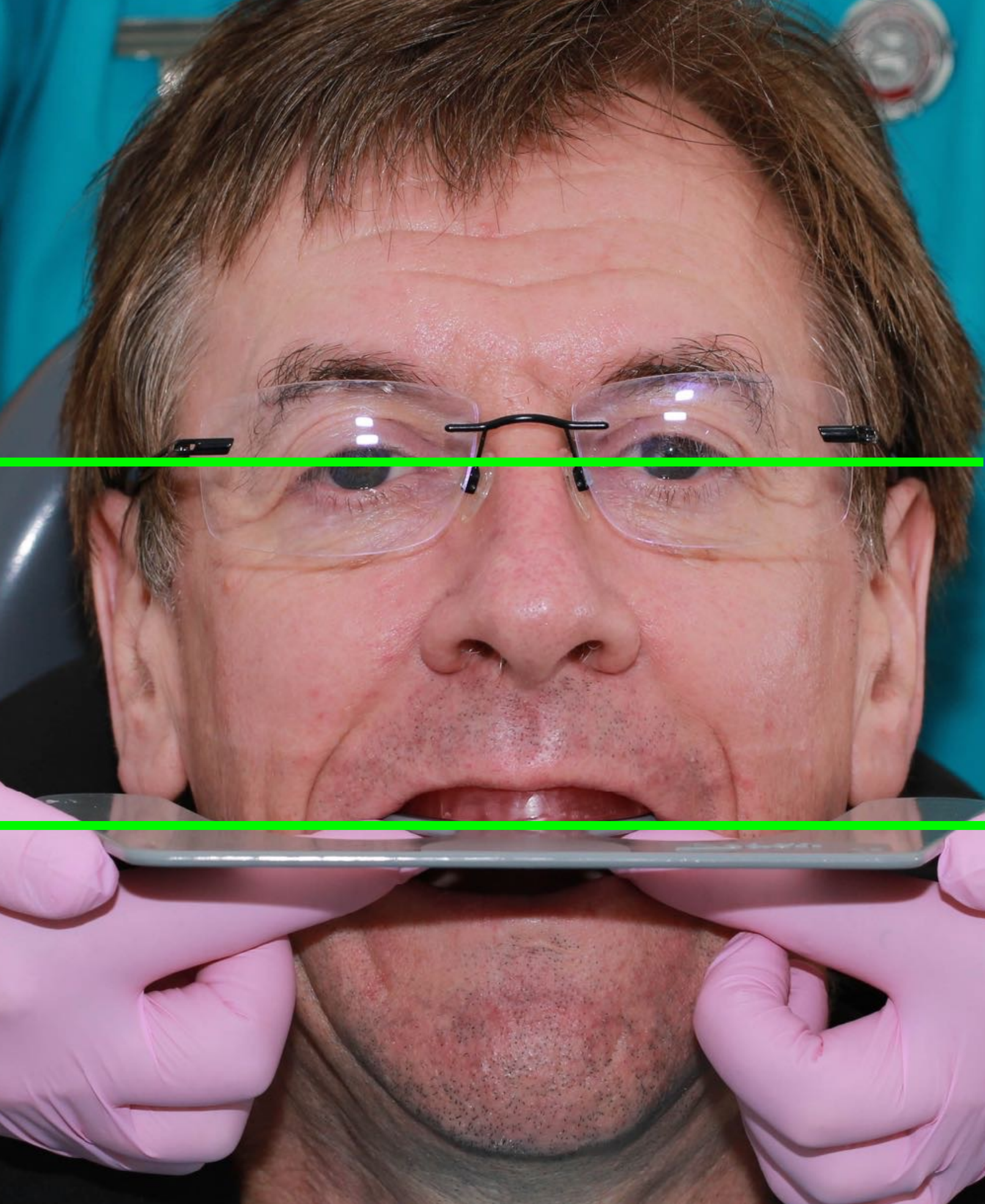


OVERDENTURE
ABUTMENTS































*“...I am no longer
aware of them....”*





2

Technicians



Rowan Garstang



Chris Hesketh

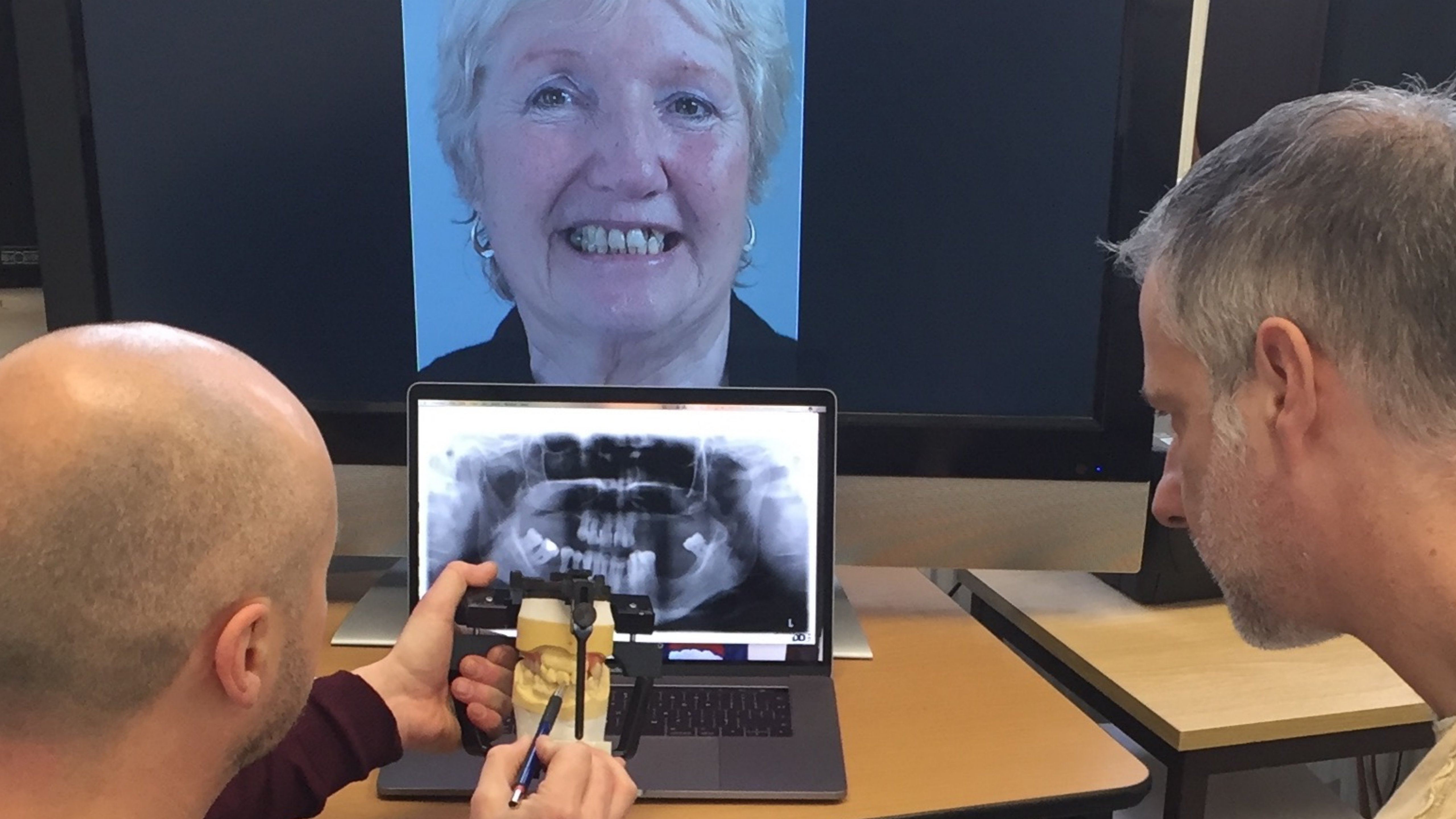






3

Design



Removable cobalt chromium based Partial Denture design sequence by Finlay Sutton with Rowan Garstang
(Analogous to "removable" resin bonded bridges)

1. Intra oral/extra oral photographs and mounted study casts are used to assess:

- a. Occlusal space for artificial teeth and denture components
- b. Need to increase occluding vertical dimension
- c. Visibility and hiding of metal components
- d. Anterior saddles and path of insertion
- e. Need for restorations indirect restorations onlays, crowns etc..



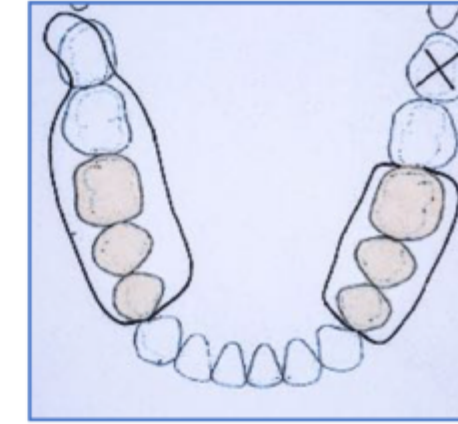
2. Teeth to be replaced

- a. Opposing occluding contacts
- b. Interocclusal space posteriorly - is there space for a prosthetic tooth or a need for metal occluding surfaces?



3. Flange outline - drawn

- a. Avoid gingival margins
- b. Optimum extension of free-end saddles to maximise support



4. Maximise rest tooth support
Examine occlusal space

- a. Additive - in composite
- b. Subtractive - cut into teeth
- c. Need for splinting to mobile teeth

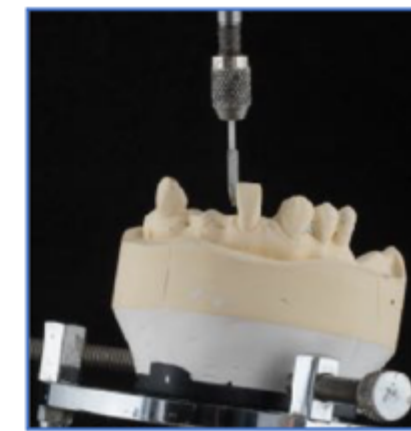


5. Planning for future extractions/
additions/modification

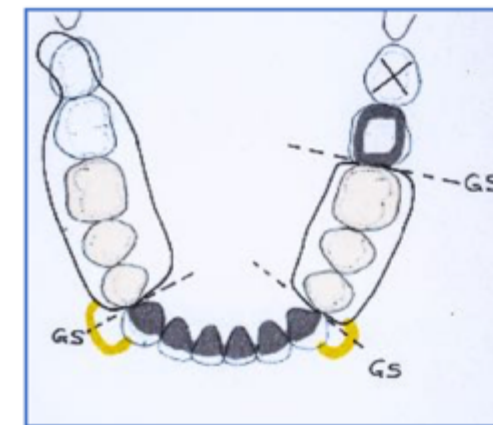


6. Guide surfaces (GS) - using surveyor

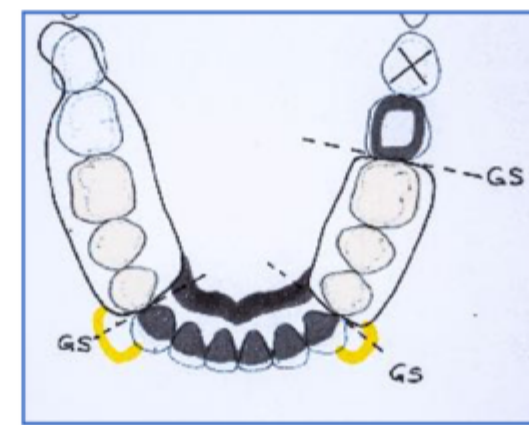
- a. Close gaps - reducing black triangles anteriorly
- b. Path of insertion/withdrawal different to path of displacement with sticky food
Assist with retention



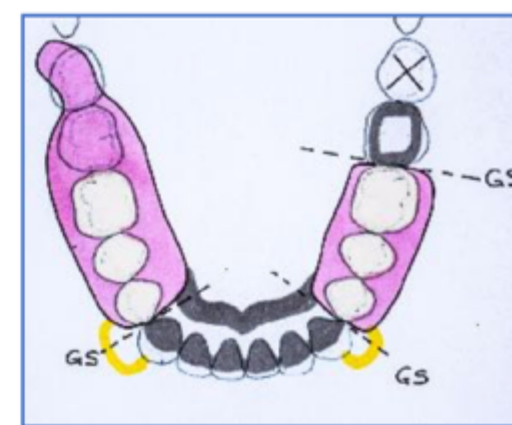
7. Retention, reciprocation and indirect -
No more than 2 clasps per denture



8. Major connector -rigid - chassis as possible avoid palatal coverage of anterior rugae if possible



9. Finalise design, discuss with patient.
Confirm the patient is aware of visible clasping and metal components



LETRASET® PROMARKER



6

- Permanent twin-tip • Pointe double permanente
- Doble punta permanente

6 pc/pz

Mid Tones
Tons Moyens
Tonos Medios

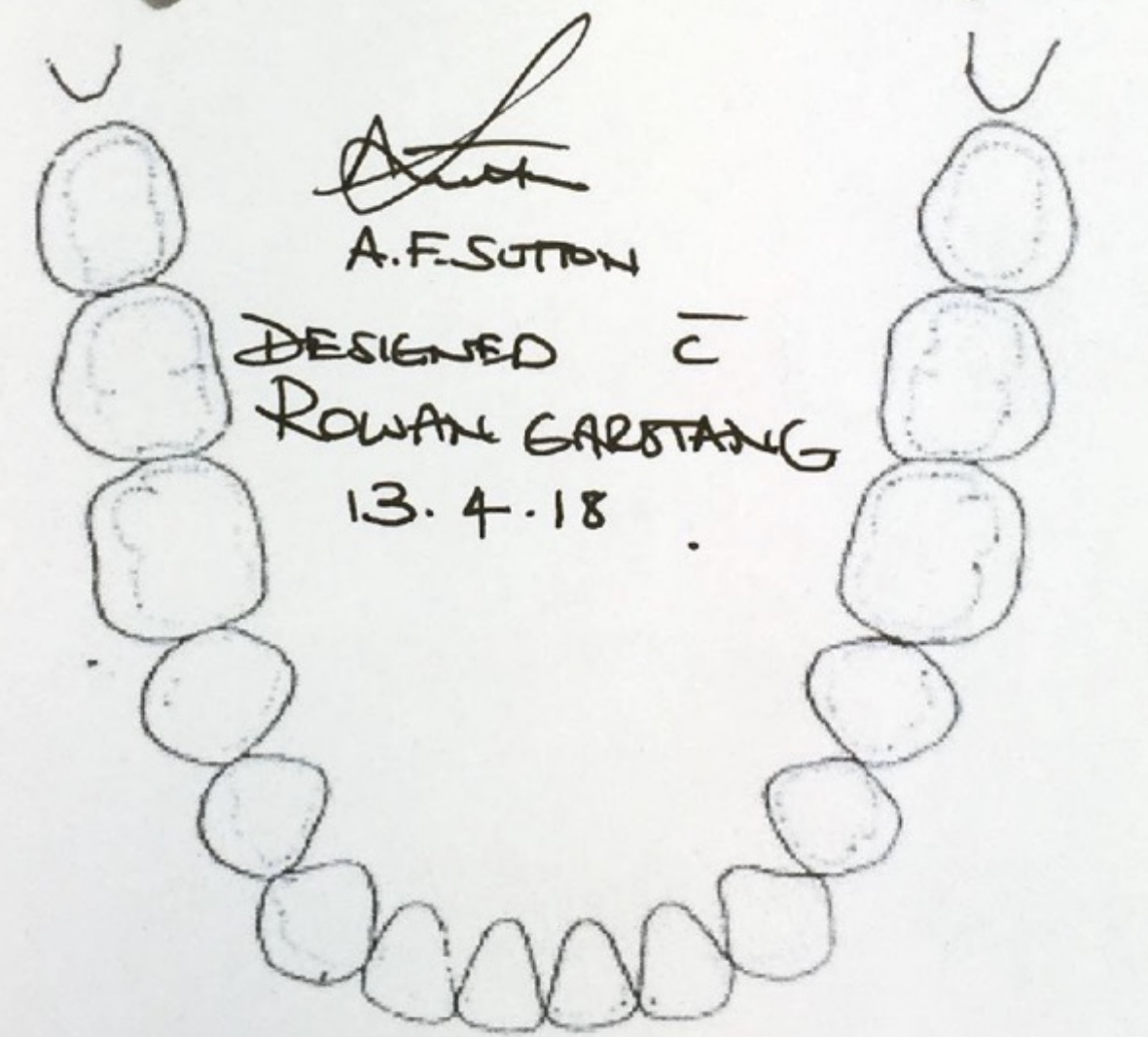
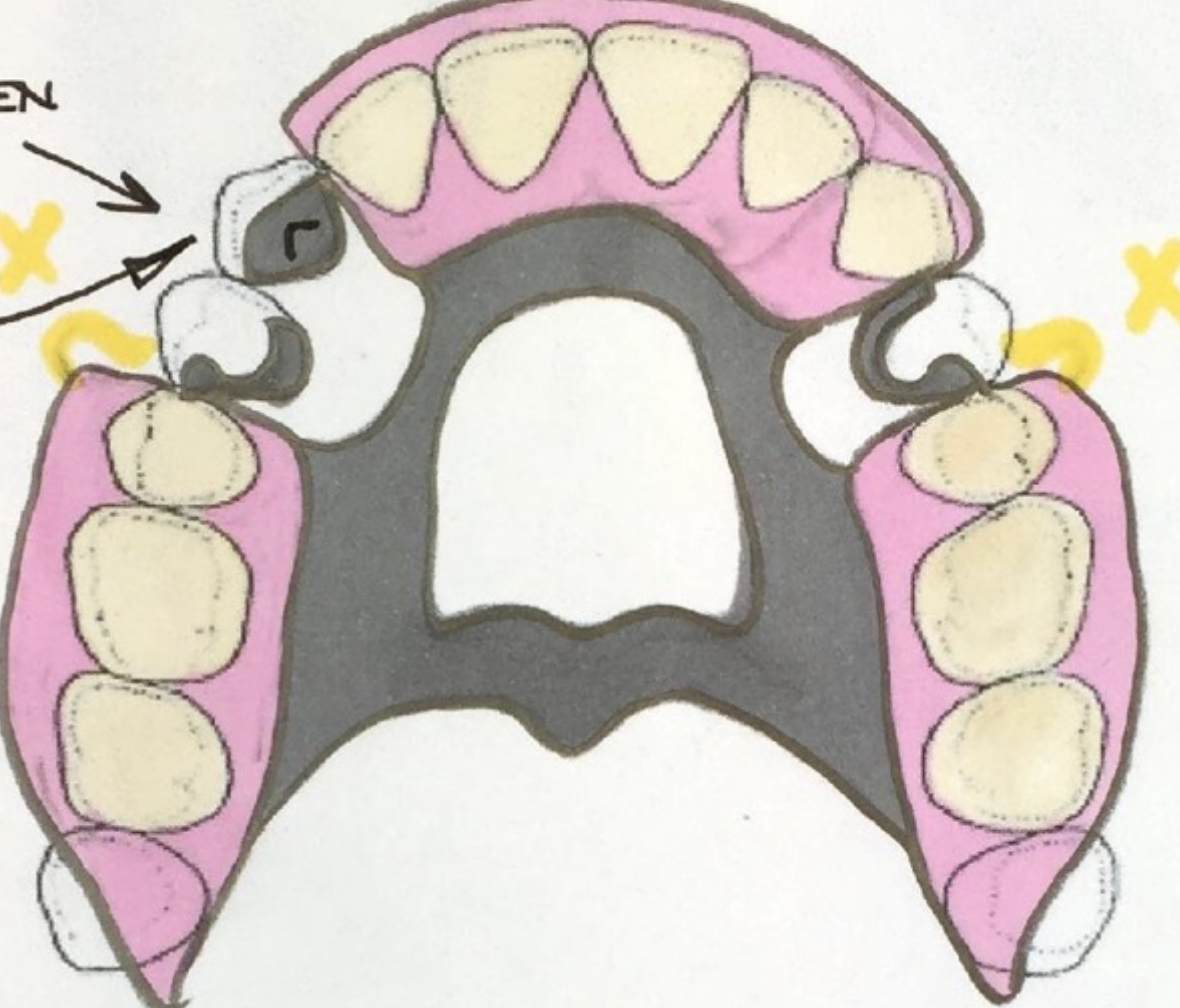


SPACE BETWEEN
FRONT NATURAL
TEETH

3 |
COMPOSITE
REST

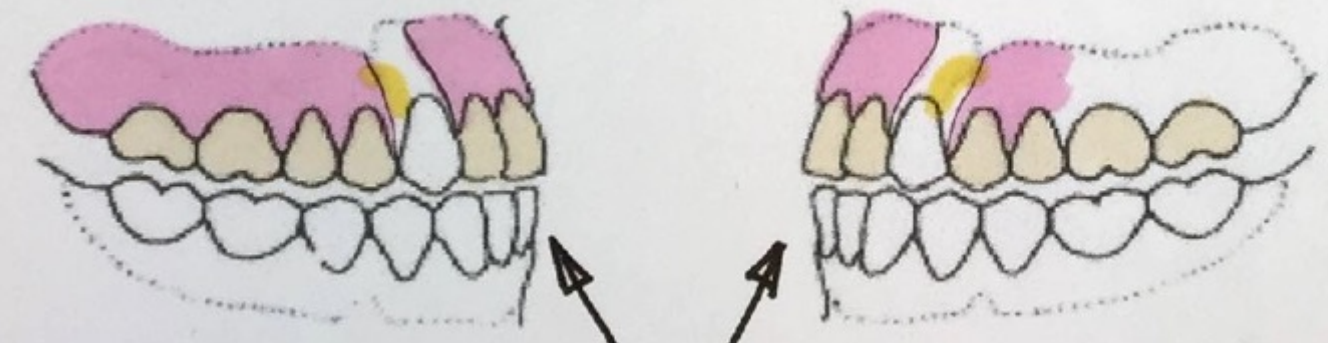
GOLD 1" BARS
GINGIVALLY
APPROACHING 4 | 4

POSITIVE REST
SEATS 43 | 4
+ PARALLEL
GUIDING SURFACES
"HEEL DOWN"



A.F. Sutton
A.F. SUTTON

DESIGNED BY
ROWAN GARSTANG
13.4.18

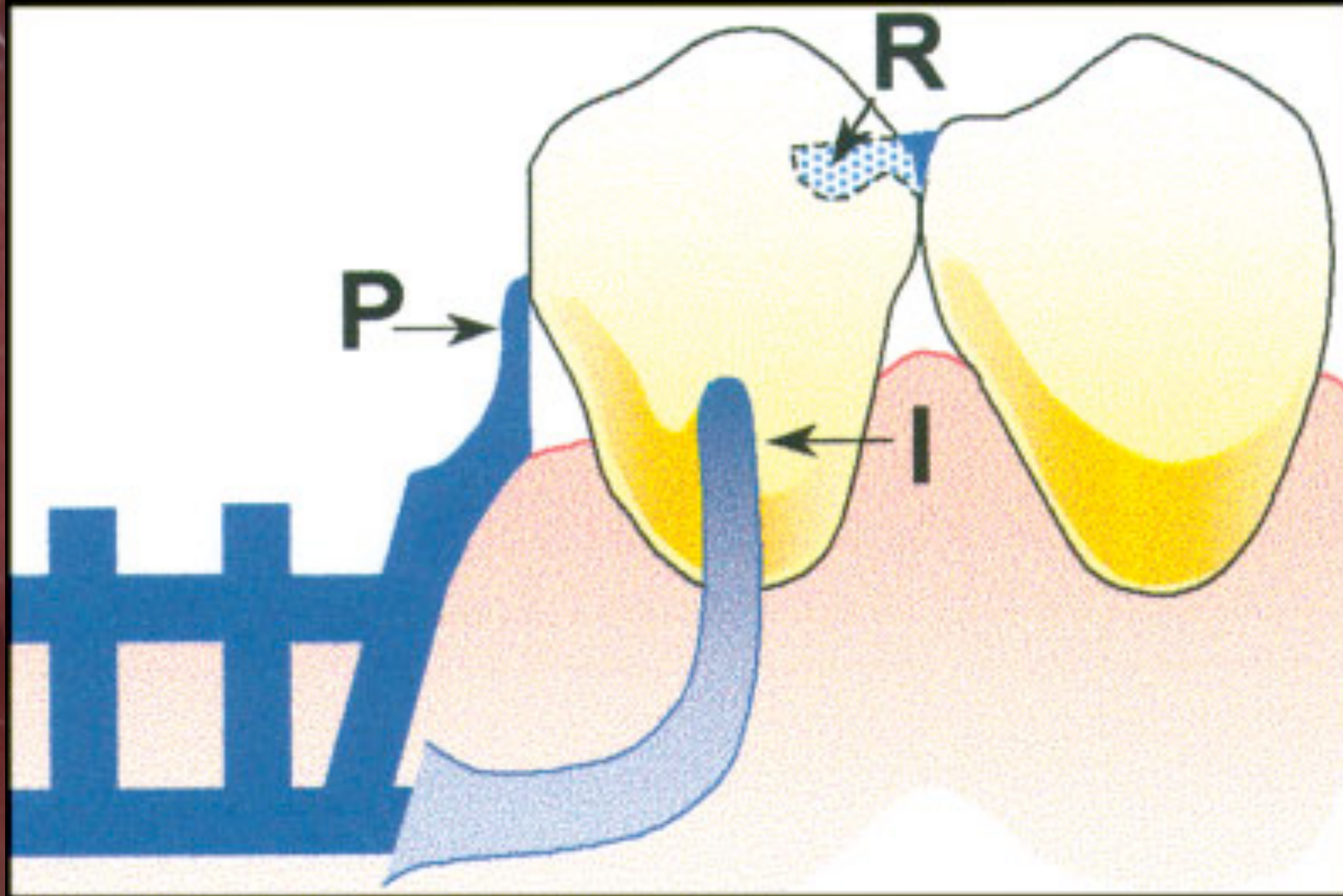
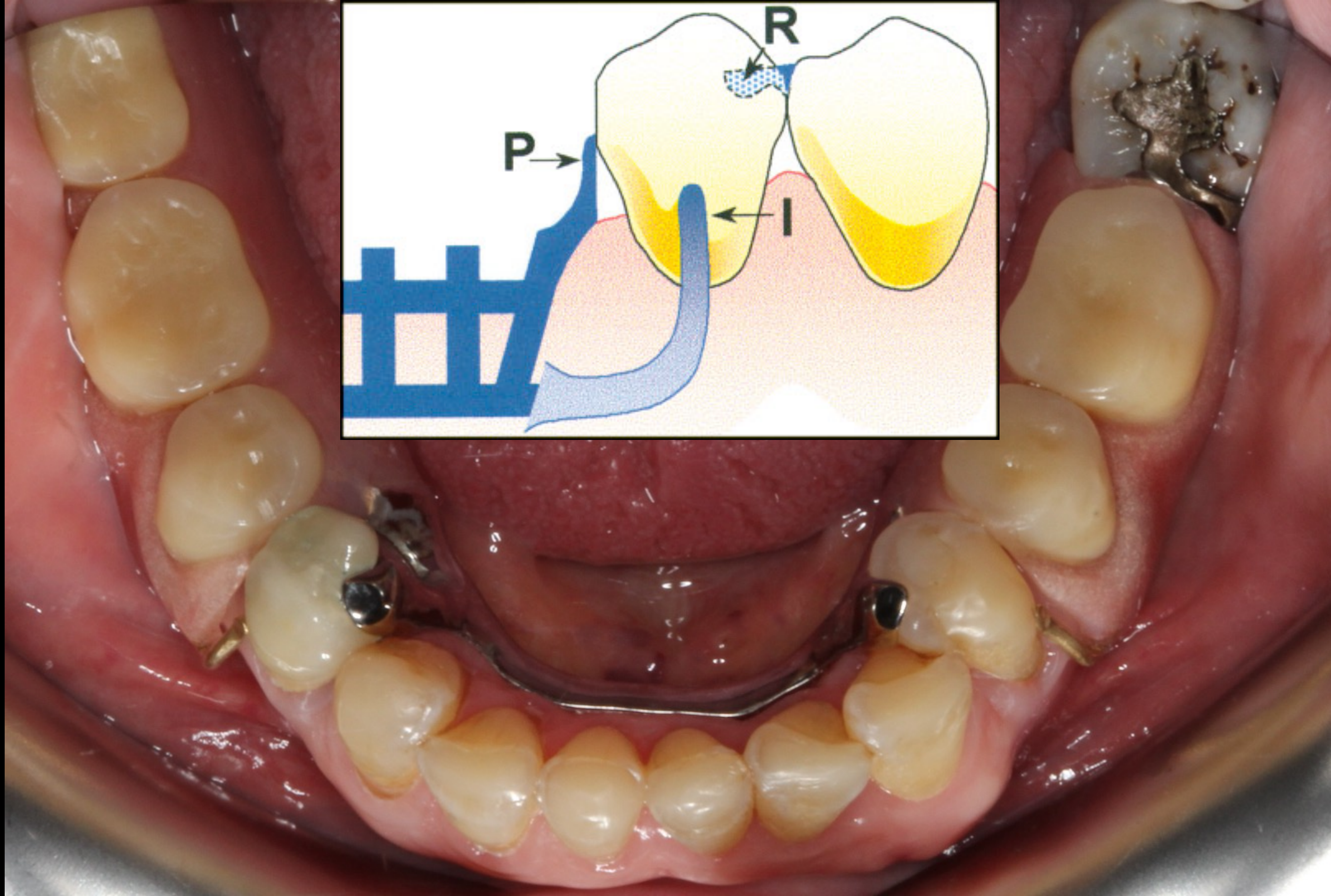


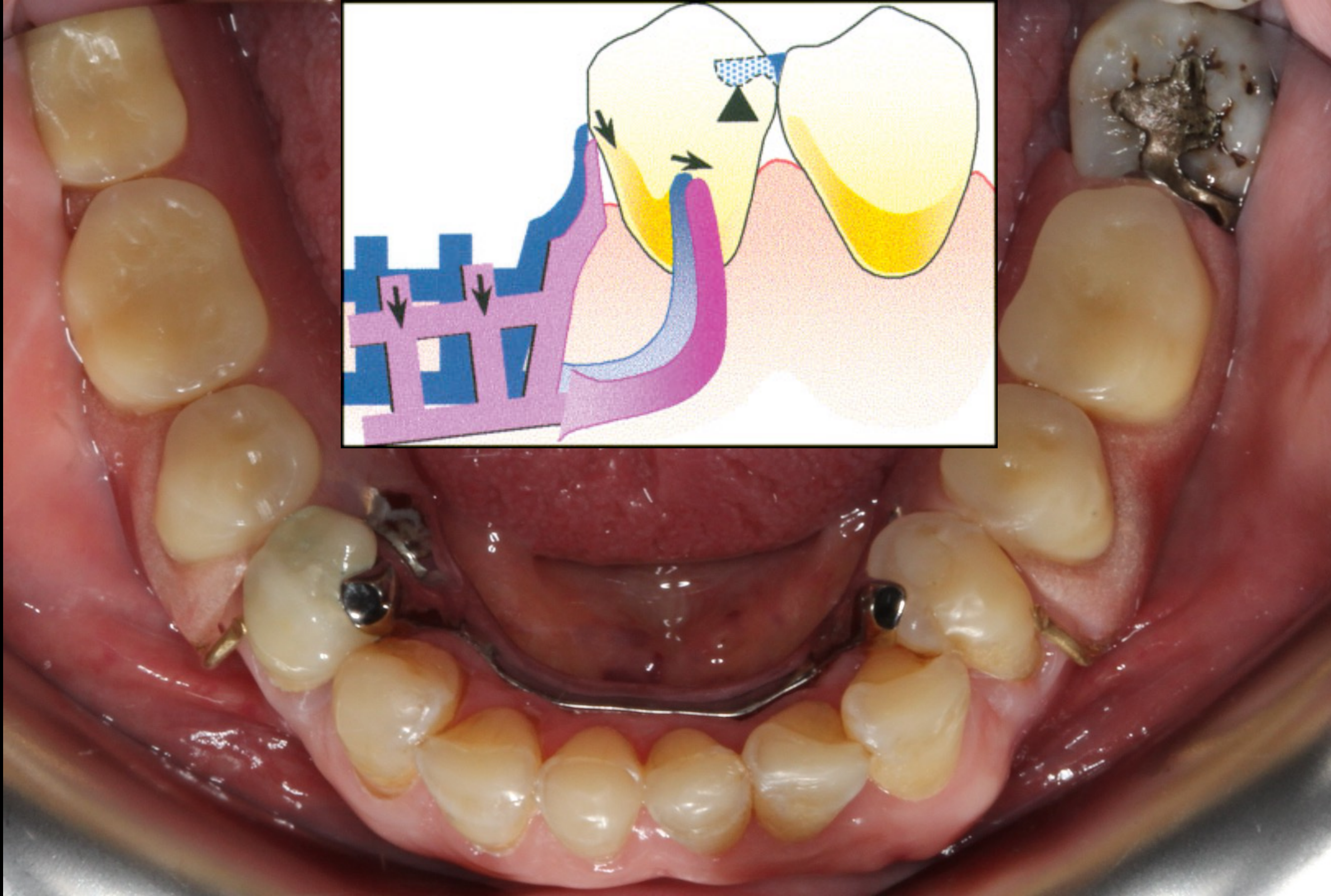
PATH OF INSERTION / WITHDRAWAL



Pat







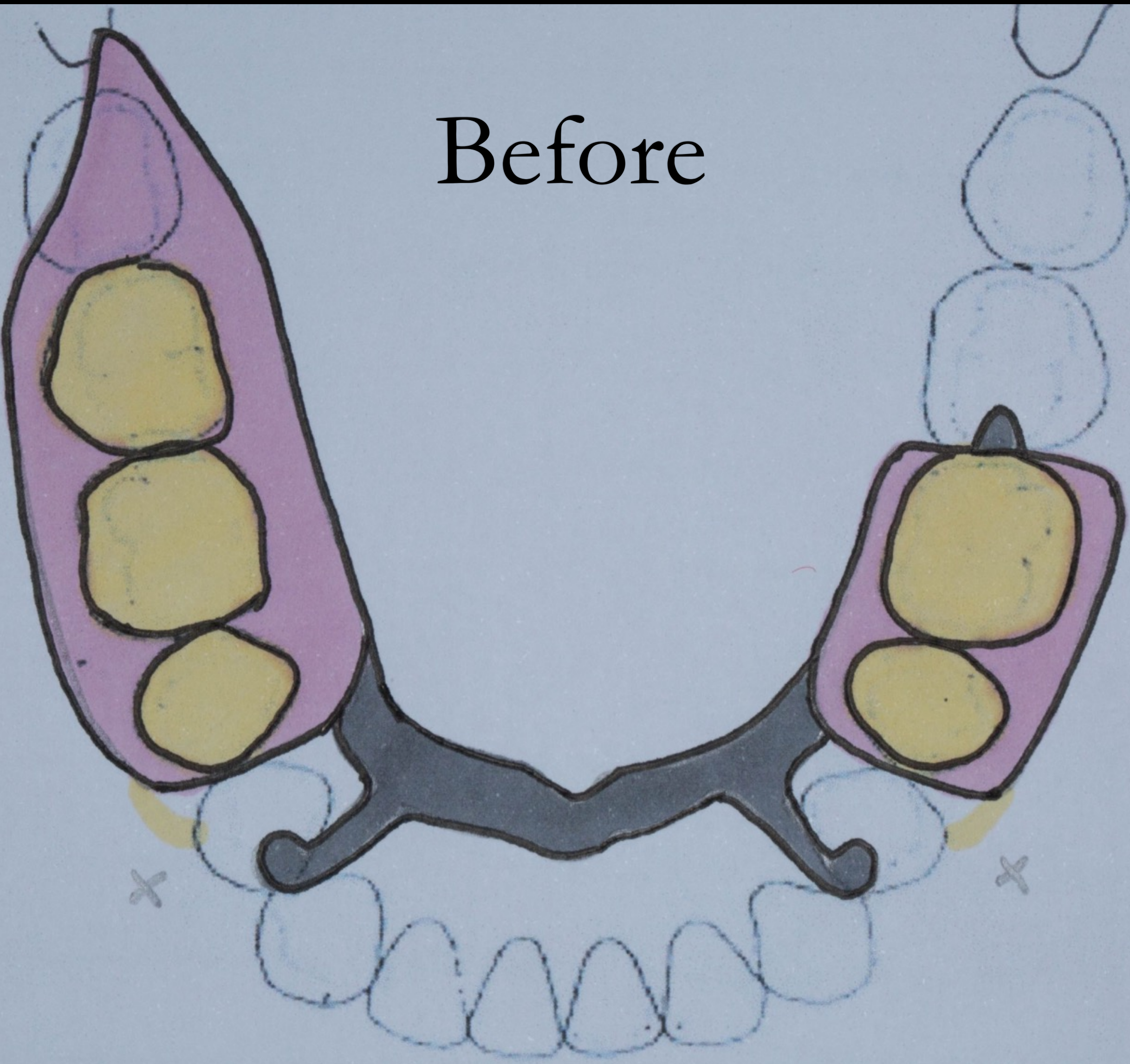


Charlotte Stilwell

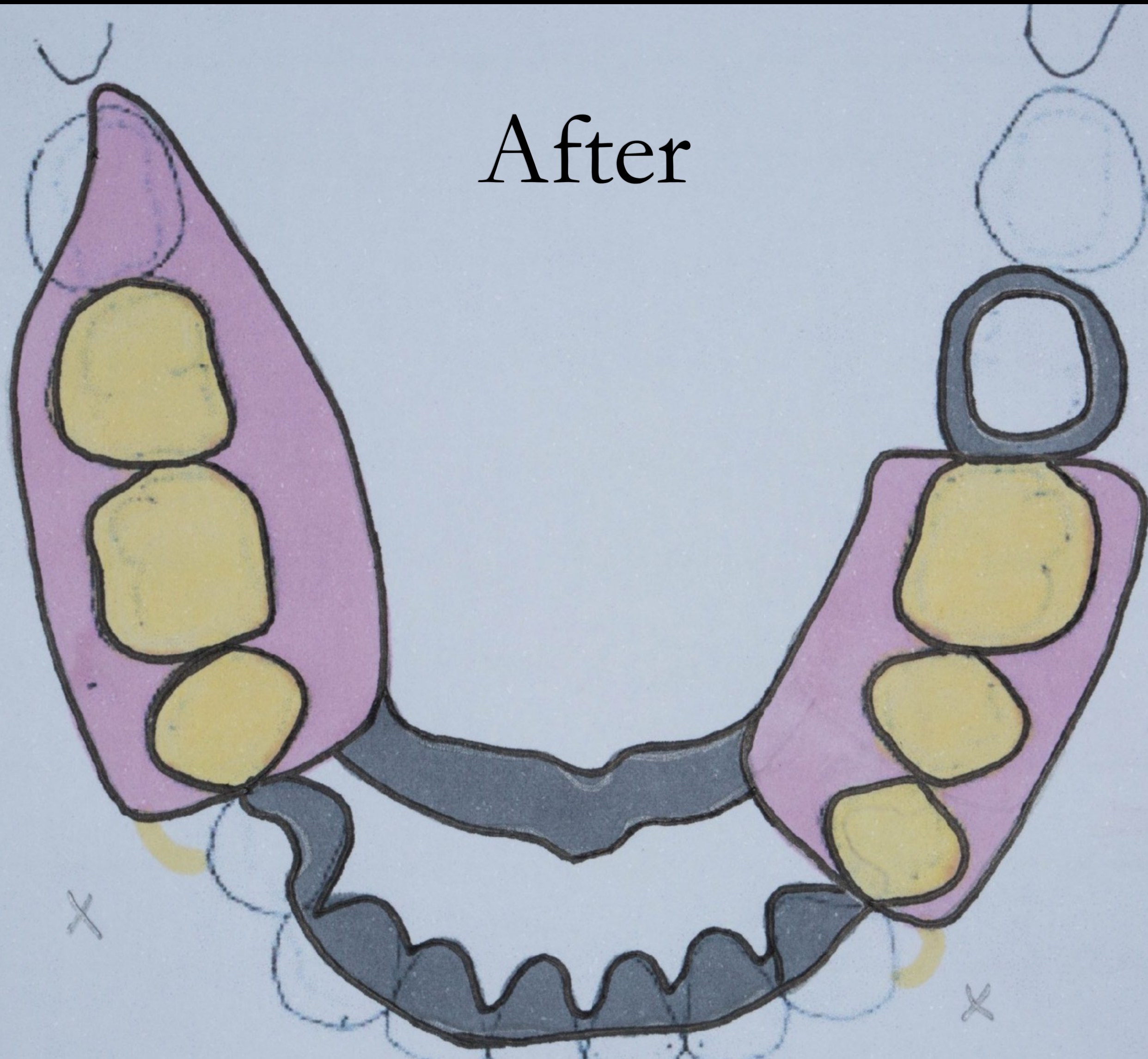


The Besford Study Club

Before



After









McCRACKEN'S

Removable Partial Prosthodontics

TENTH EDITION



GLEN P. MCGIVNEY • ALAN B. CARR

MARGARETA MOLIN THORÉN
JOHAN GUNNE (EDS.)

Textbook of Removable Prosthodontics

The Scandinavian Approach

MUNKSGAARD DANMARK

McCRACKEN'S

Removable Partial Prosthodontics

TENTH EDITION



4



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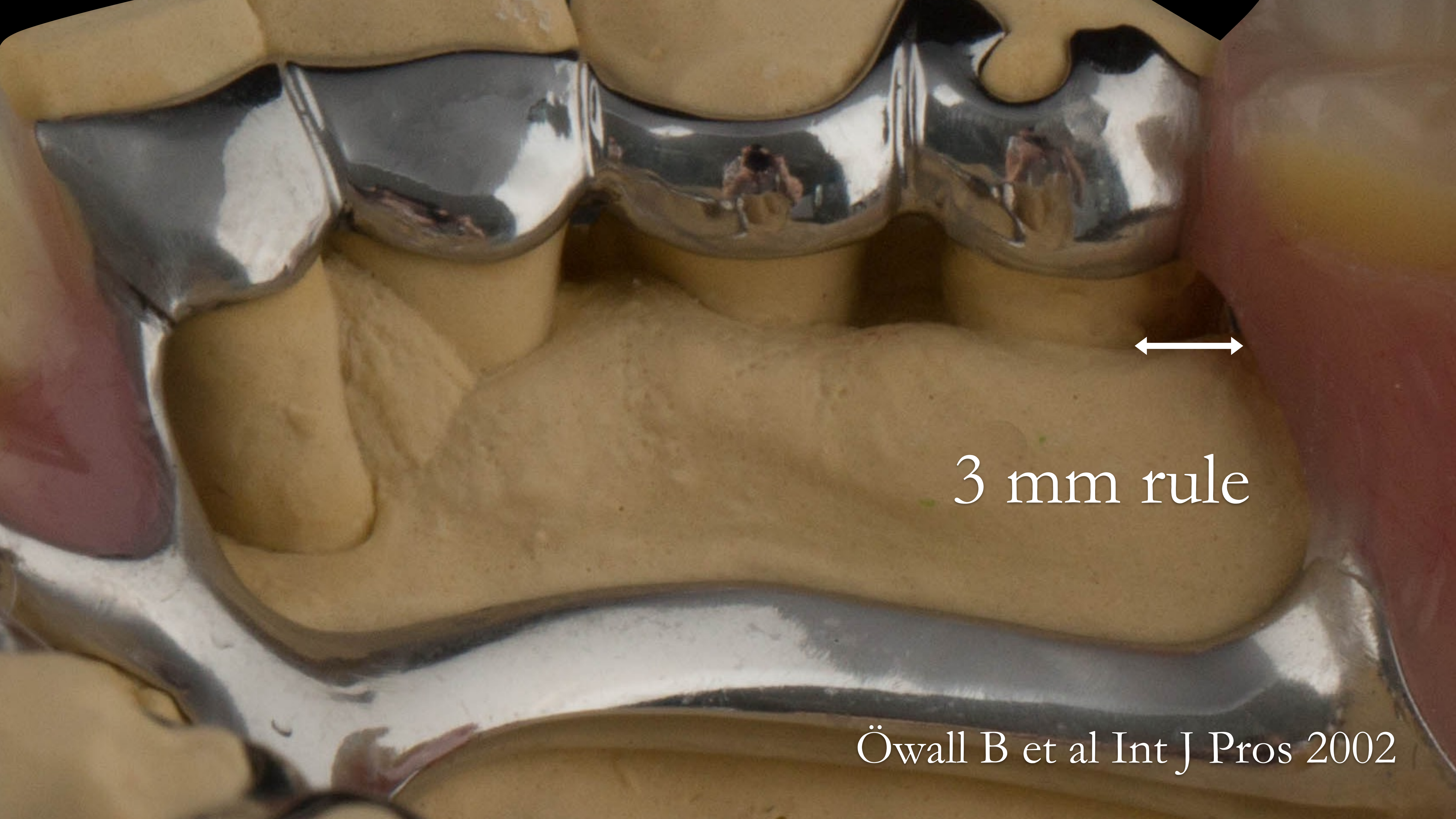
2

MUNKSGAARD DANMARK



RPD design: a need to focus on Hygienic Principles.

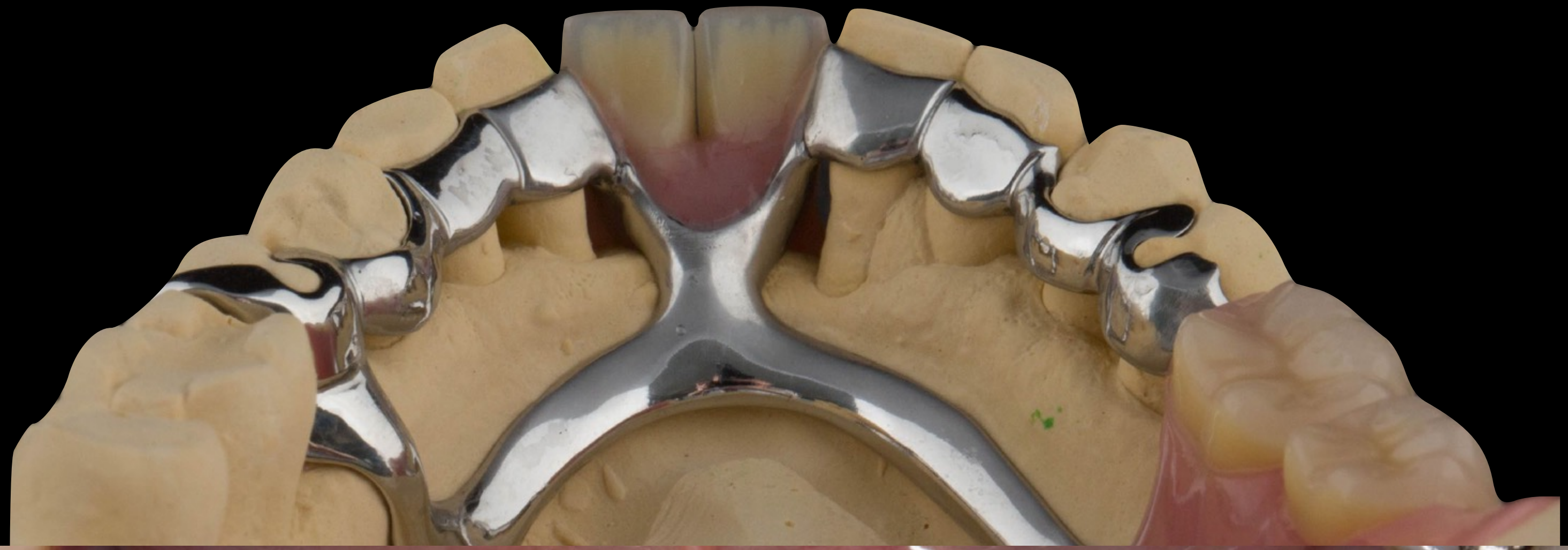
Öwall B et al Int J Pros 2002



3 mm rule









Personal message



We should all adopt this
approach



Flexible dentures



Detrimental



Rosemary











8 years



10 years





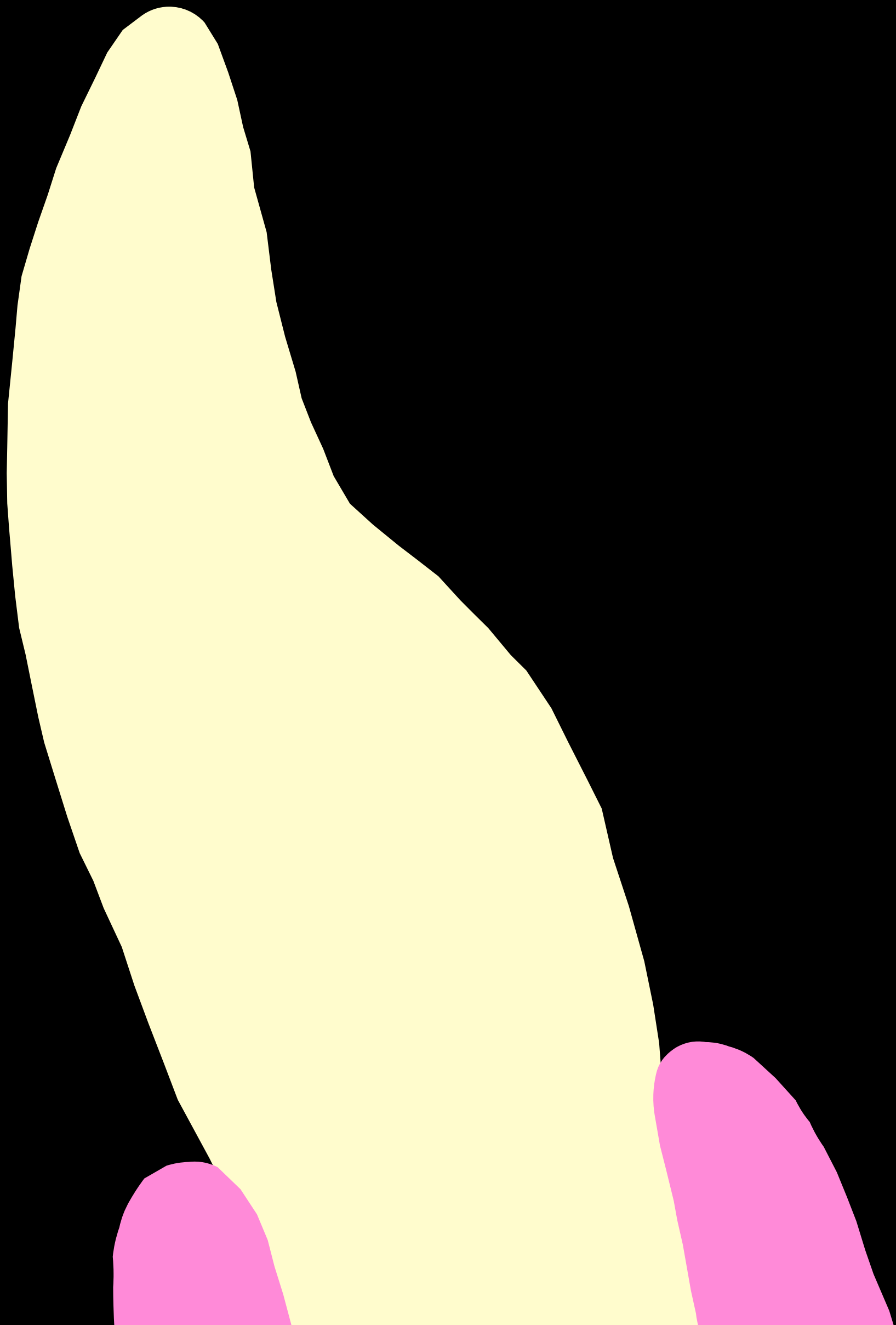
Composite rest seats

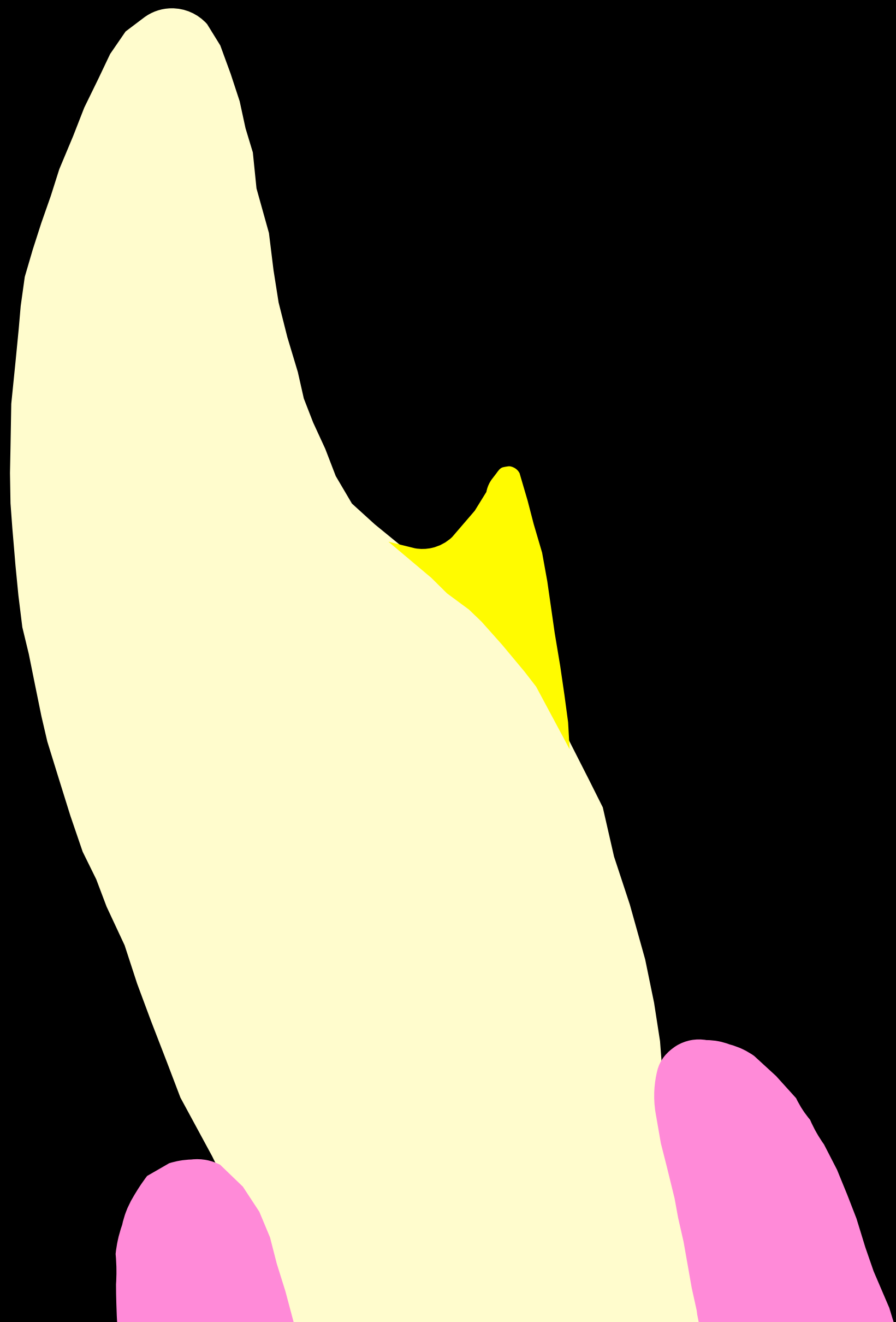
James S Brudvik

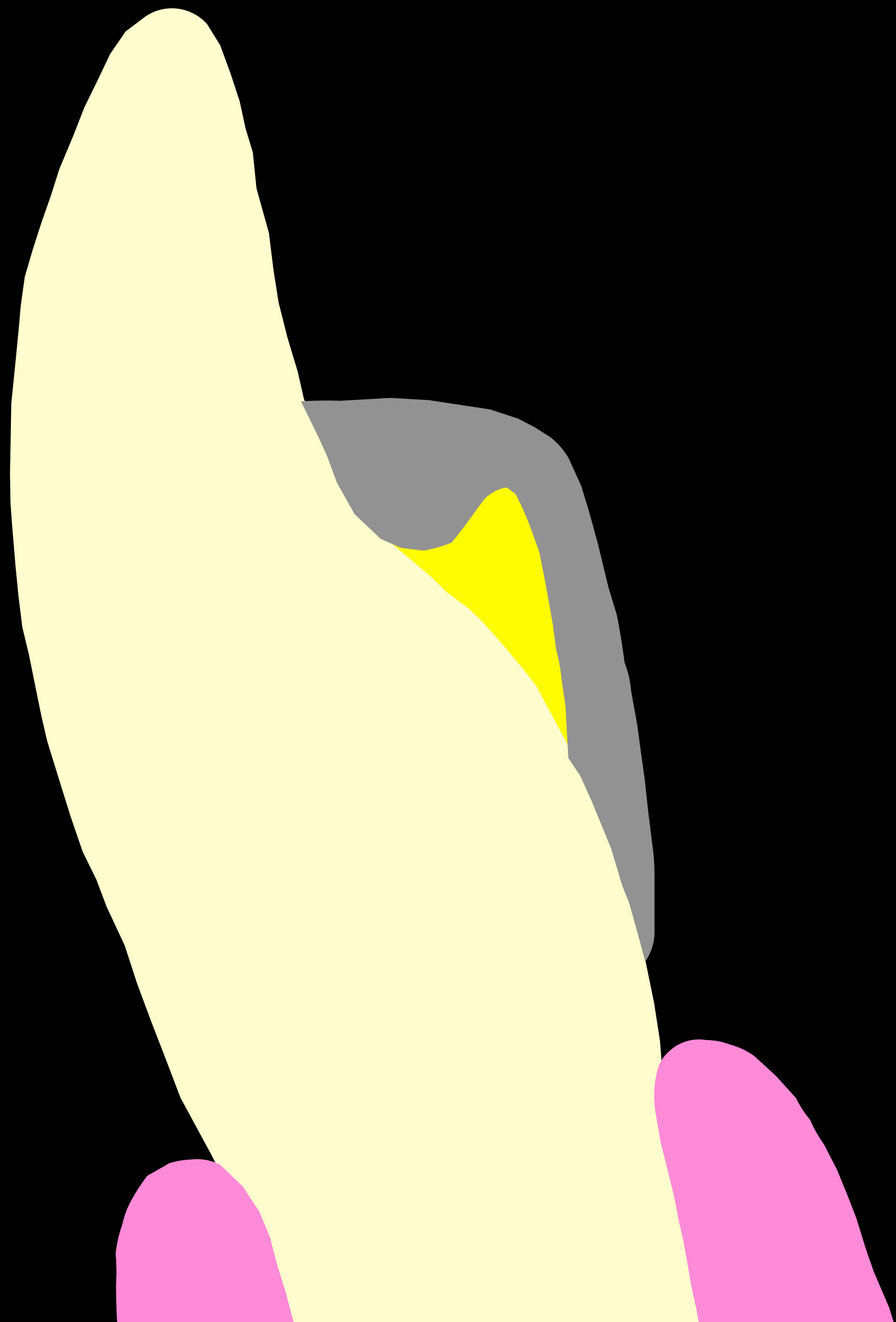


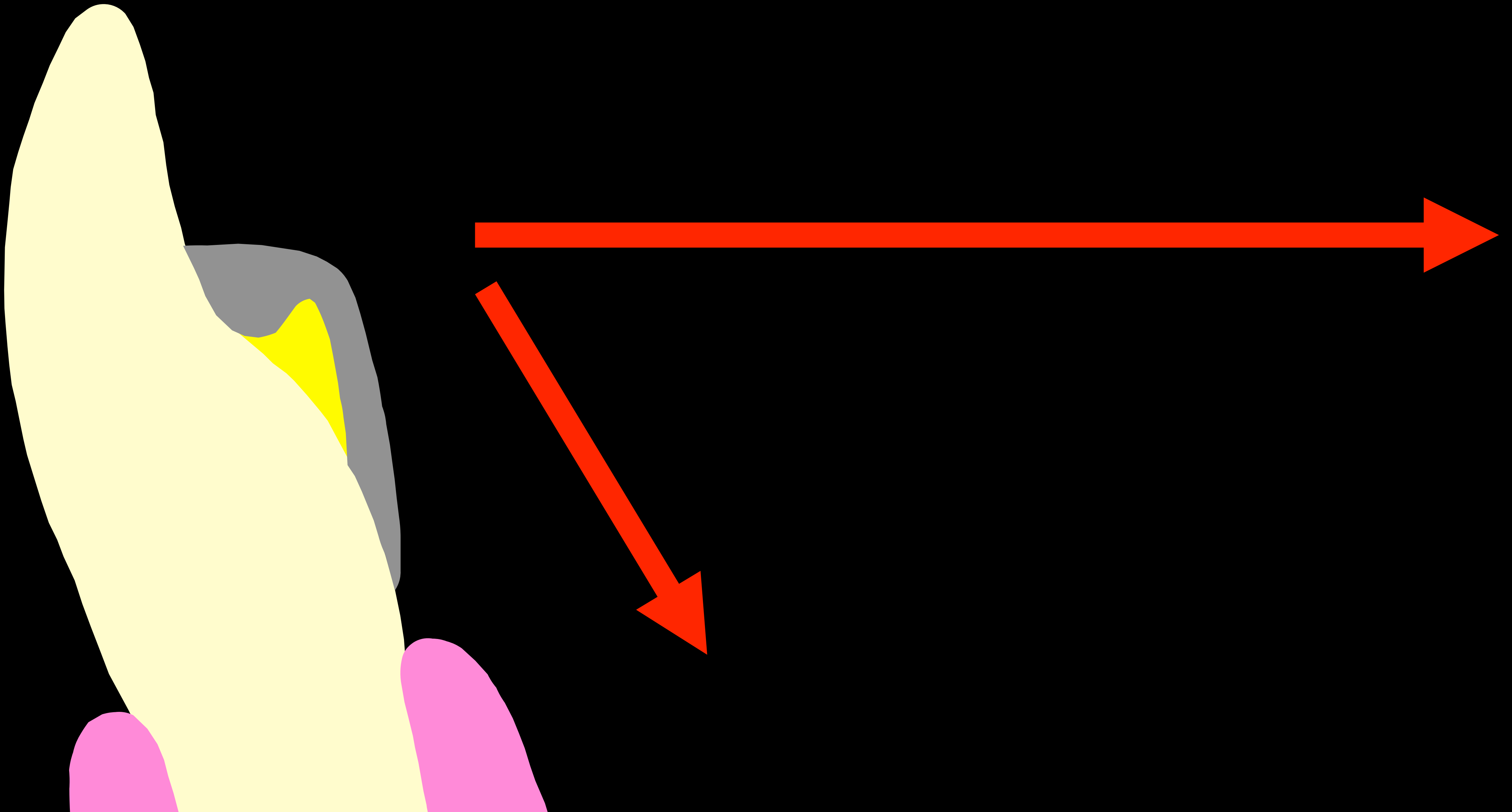
Composite rest seats

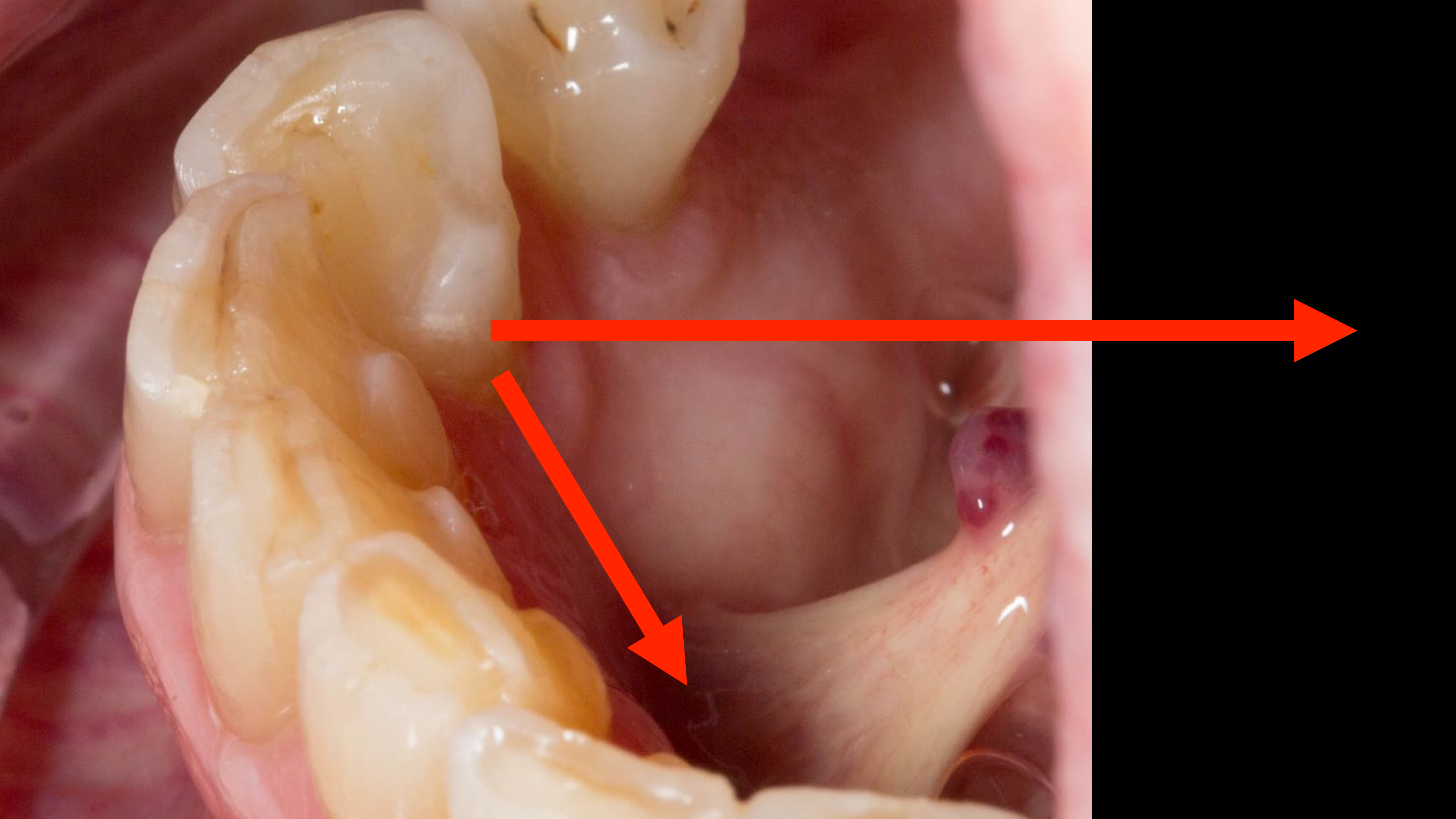
























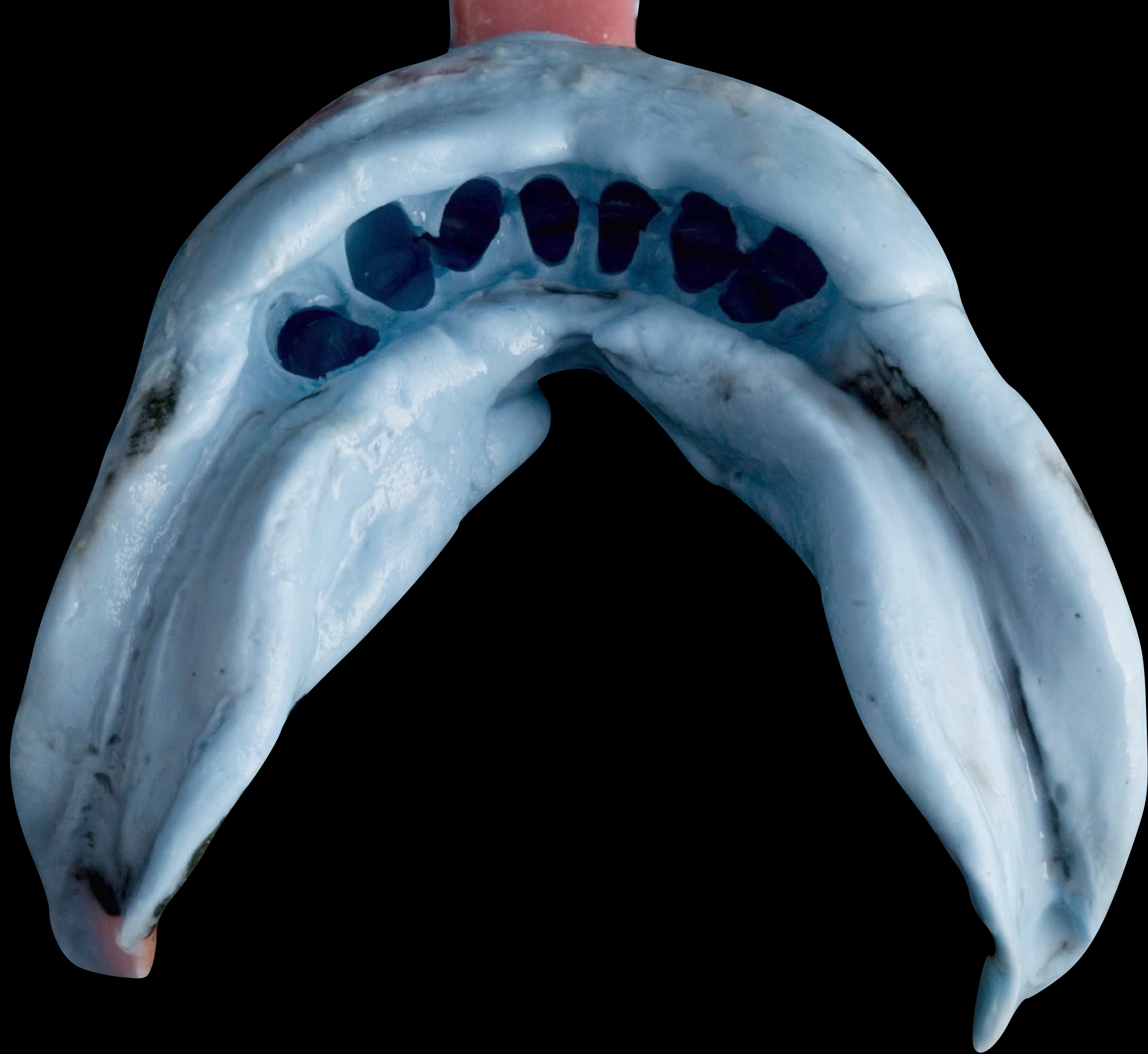














OCCLUDE®

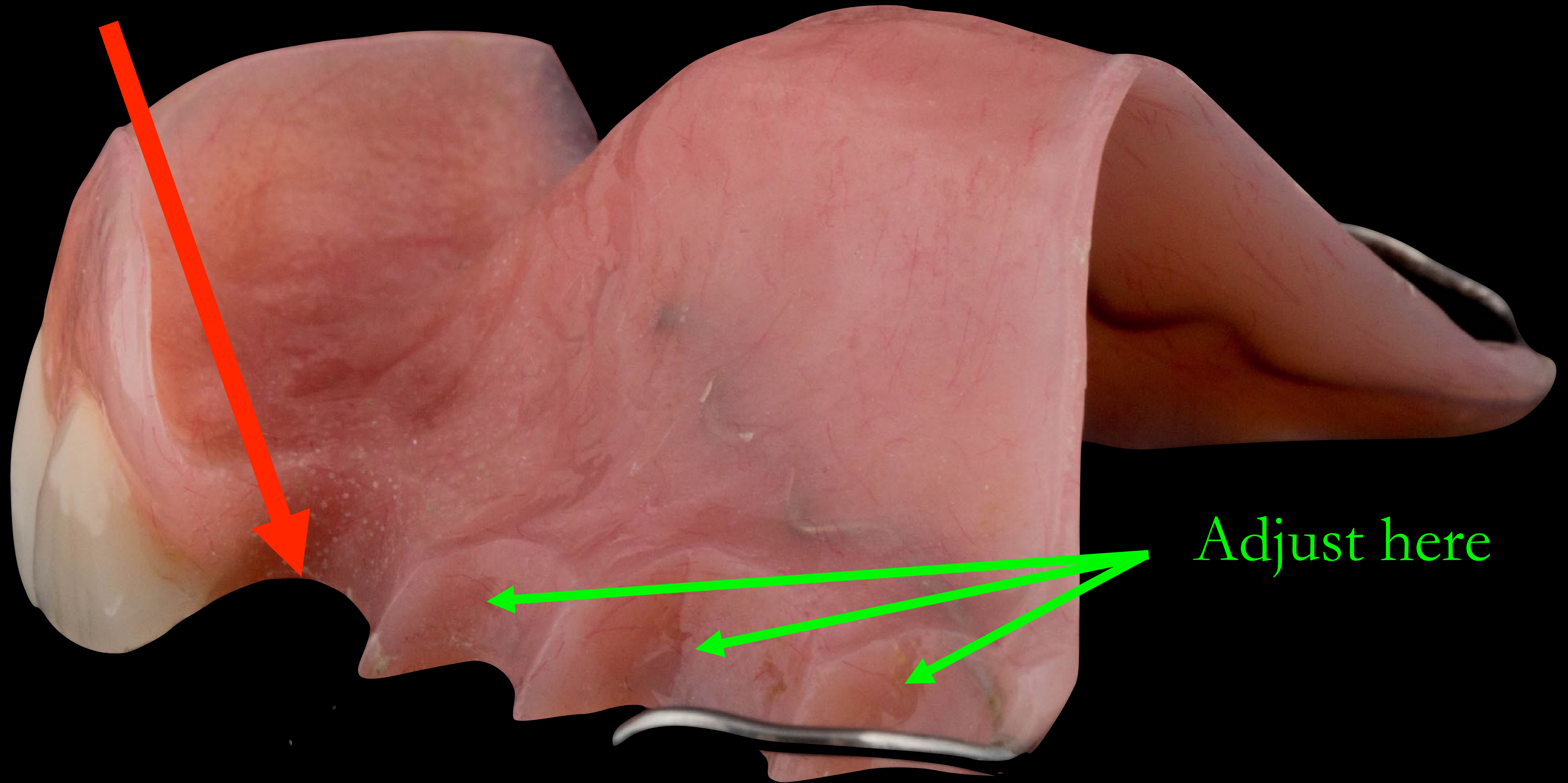
aerosol for articulation marking

Net Contents 23
Reorder # 05-300





Almost never adjust here



Adjust here