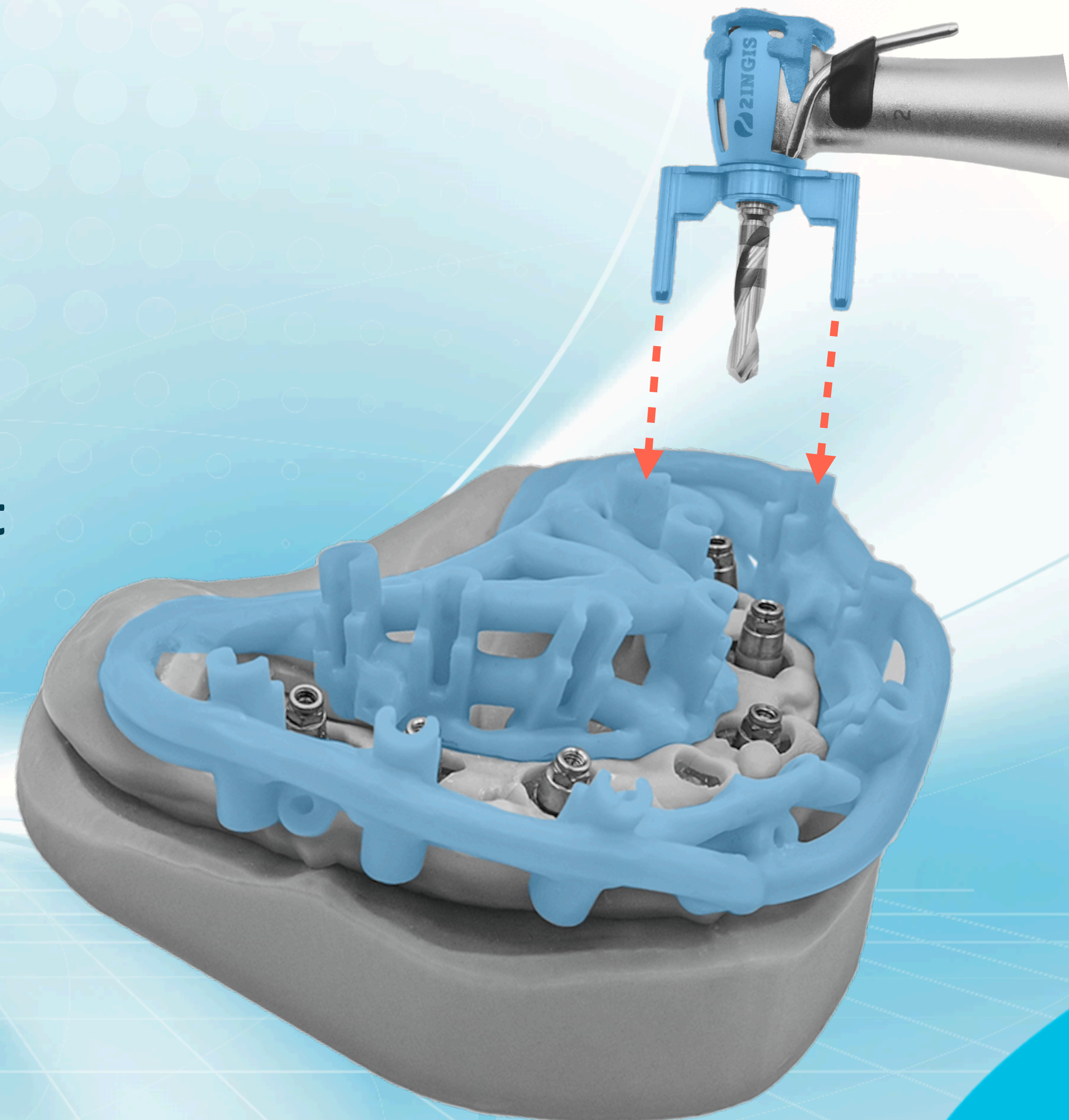


# 2INGIS<sup>®</sup> Guided surgery

**2INGIS®** is a pioneer dental implant guide using unique and patented technology based on computer implant planning.





Philippe De Moyer

**2INGIS® SYSTEM has been invented and created in Belgium by Philippe De Moyer**

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**He has spent 25 years developing new solutions to solve the key problems of guided implant surgery**

---

**In the development of his guide, he has partnered with many of the global thought leaders in implantology to help them**

---

**He initiated new dentists and taught peers how to use the guide**

---

**He supports research studies that scientifically prove the benefits of his guide**

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**He Scales the distribution of his product globally**

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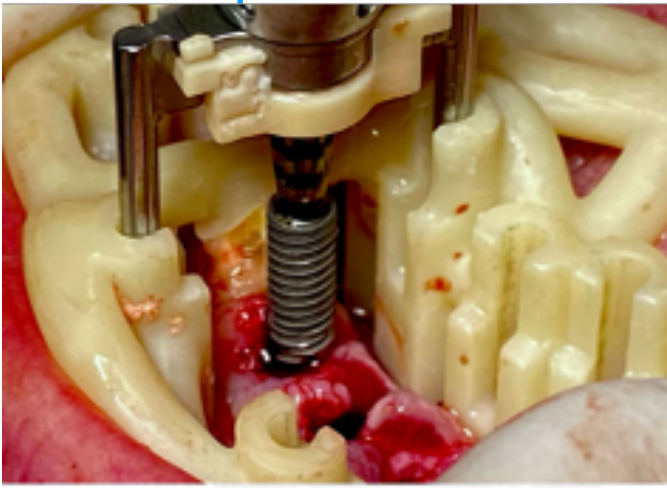
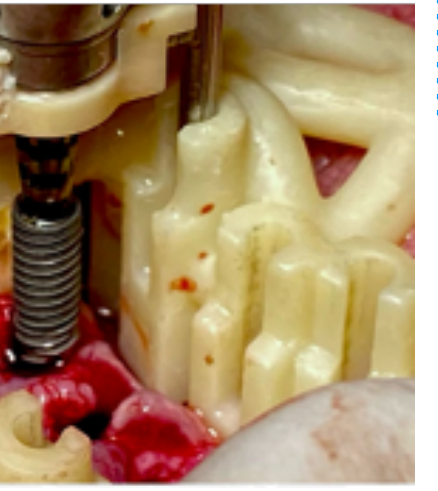




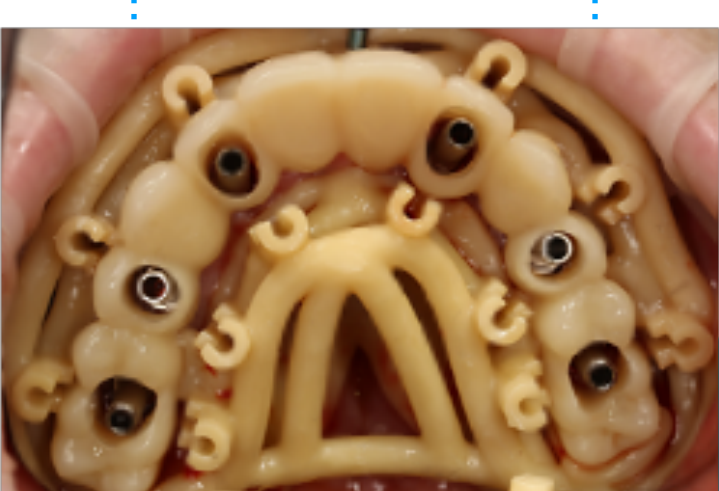
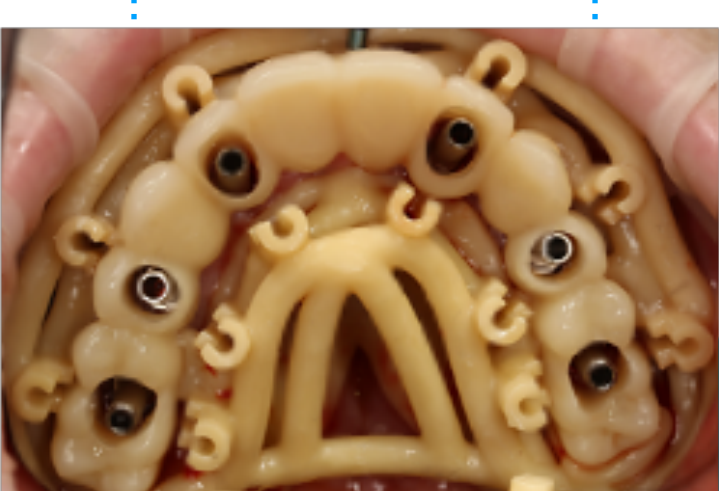
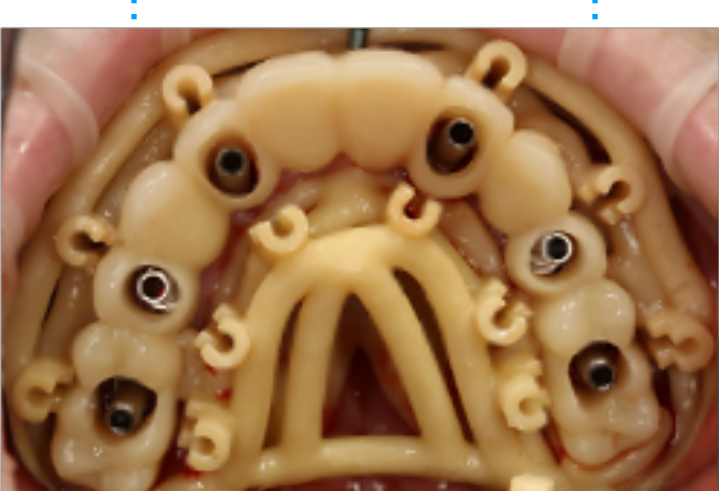
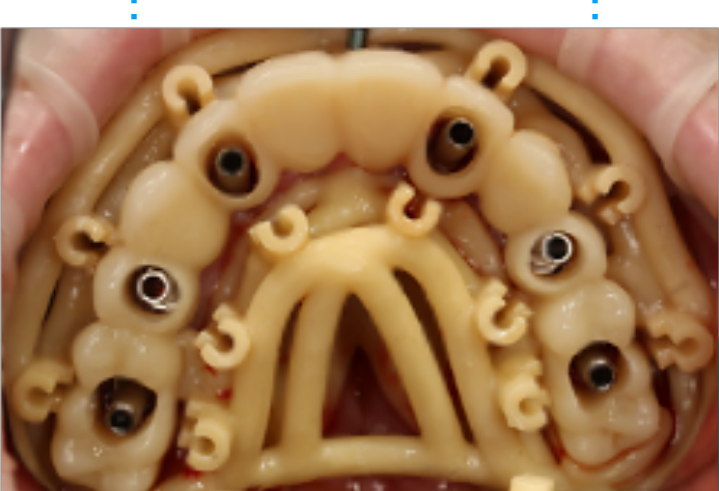
# HISTORY OF 2INGIS®

Here is a brief reminder of the historical steps taken by Philippe De Moyer, to develop the invention of this open tray, external guiding and sleeveless guide in its current version:



- 2000 — The project started at the beginning of the 2000s, with a central guide like all the other guides;
- 2006 — In 2006, two guidance tubes, one buccal and one lingual were added to the central sleeve;
- 2013 — The project started at the beginning of the 2000s, with a central guide like all the other guides;
- 2015
- 2017 — In 2017, 3D resin printing led to the current version after extensive research to identify suitable resins that are biocompatible, autoclavable, and strong enough without the risk of fracture.
- 2019 — Finally, in 2019 and until today the 2INGIS guide opens to even more applications than drilling and implant placements.
- 2022

# Executive Summary : 2INGIS<sup>®</sup>, Built Using Advanced 3D Printing Techniques

Open View	Easy Cooling	Bone Graft can be Placed During Surgery	Can be Fully Sterilized	Unmatchable Level of Drilling Accuracy	Universal guide	No Contamination due to Abrasion	Contact-free implant insertion	More free vertical height	Stability & All in 1	Anesthesia with Guide in Place
<p>Thanks to the slender shape and the bilateral hand-piece guidance, the surgical field is accessible without obstruction and is fully visible</p> <p>Flapless surgery can therefore be performed with better access and more confidence</p>	<p>Optimal cooling of the bone and the drill bit, because the water supply is not blocked or obstructed by the drilling template</p> <p>No risk of bone damage</p>	<p>The special template design with full accessibility make it very easy to insert bone replacement material without contacting the guide.</p>	<p>The drilling templates are available in metal or resin variants and can be sterilised at 135°C</p>	<p>Extremely high level of precision achieved with the guide.</p> <p>Even the most inexperienced dentists have achieved remarkable results</p>	<p>Uniquely Compatible with all, instruments, implant brands an shape, as opposed to classic guides that are only compatible with drills and round implants.</p>	<p>Because the drill bits are guided through an open space and run freely, contamination of the surgical area through resin or metal debris is prevented.</p> <p>2INGIS guide got with SDS the only Clean Implant certification.</p>	<p>Even expansion screws can be inserted contact-free and checked for an accurate fit</p> <p>No risk of debris or infection</p>	<p>The design allows for markedly shorter standard drill bits to be used, which also enables applications in poorly accessible regions</p>	<p>Due to its unique design and 3D conceived shape, 2INGIS guide is very stable, which is not always the case with regular templates</p> <p>2INGIS guide is the only guide which is able to have guide &amp; temporary in 1 for immediate loadings.</p>	<p>Due to the full accessibility feature, patients can receive anaesthesia with 2INGIS guide in place for increased comfort</p>
										

2INGIS is the Ultimate Solution to All the Problems Encountered with existing guides.

Very User Friendly Even for Inexperienced Dentists

2INGIS's double guiding technology is fully patented until 2038



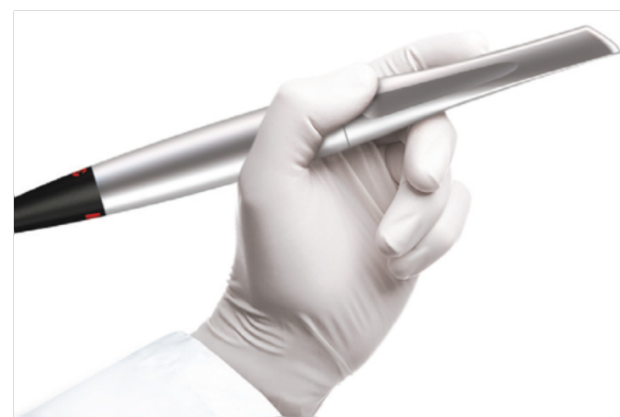
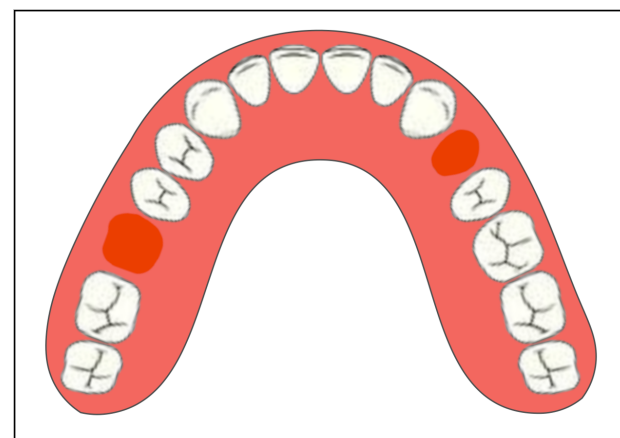
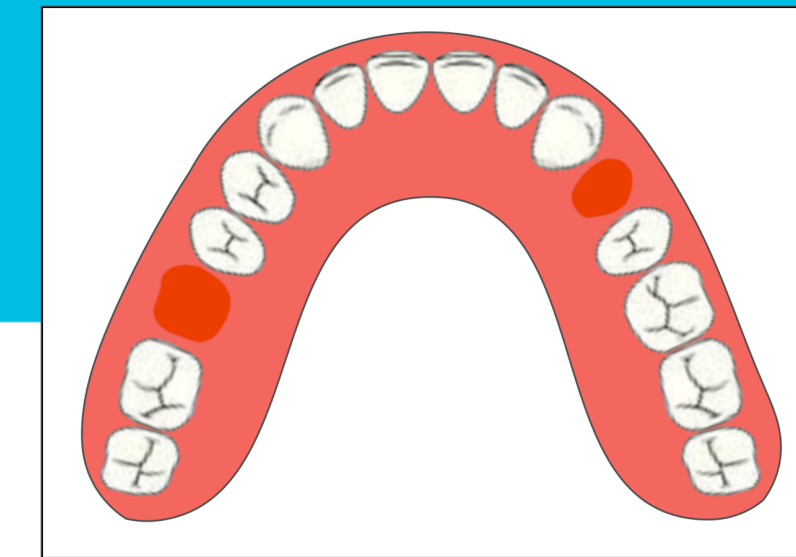
# Universal tool



# Digital Flow



# Partial dentition in a nutshell

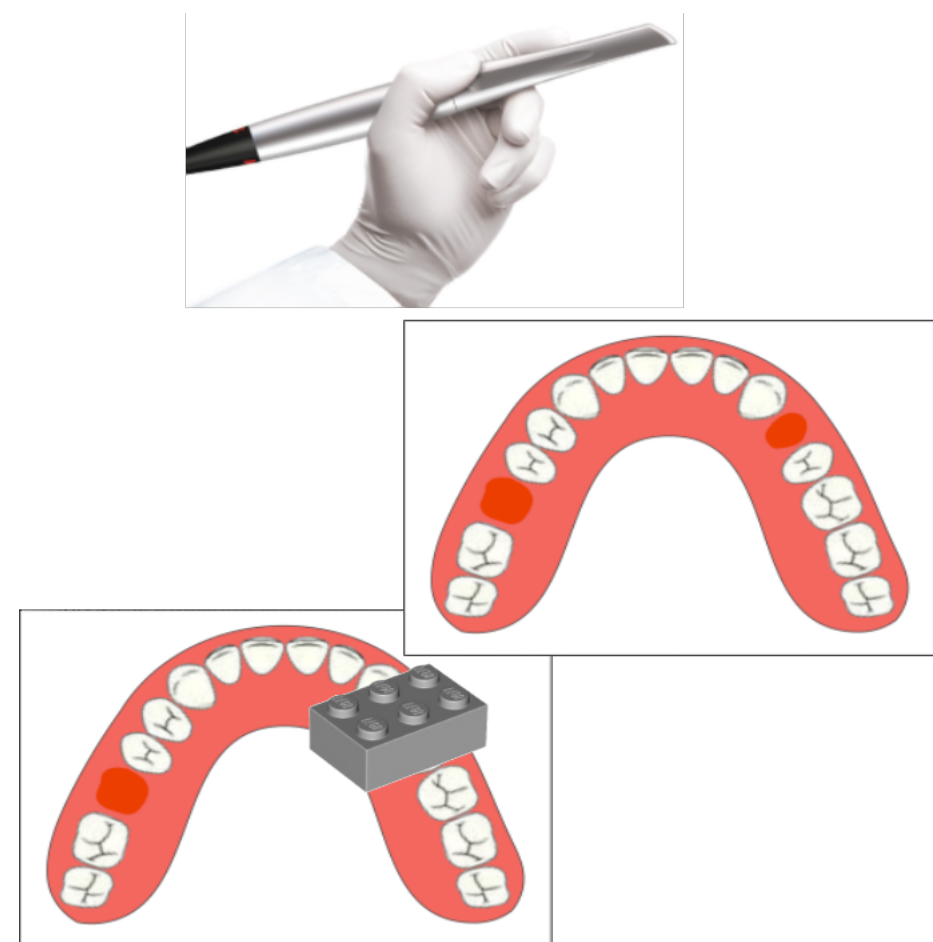
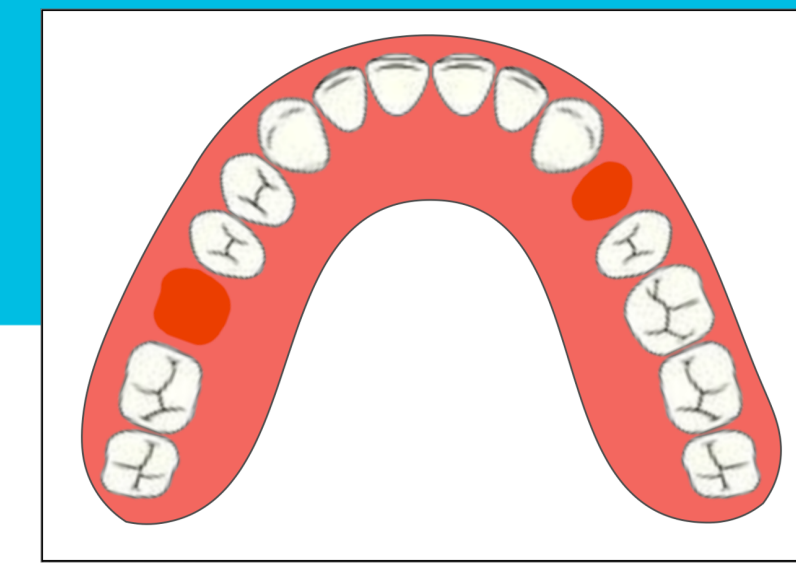


Intra Oral Scan

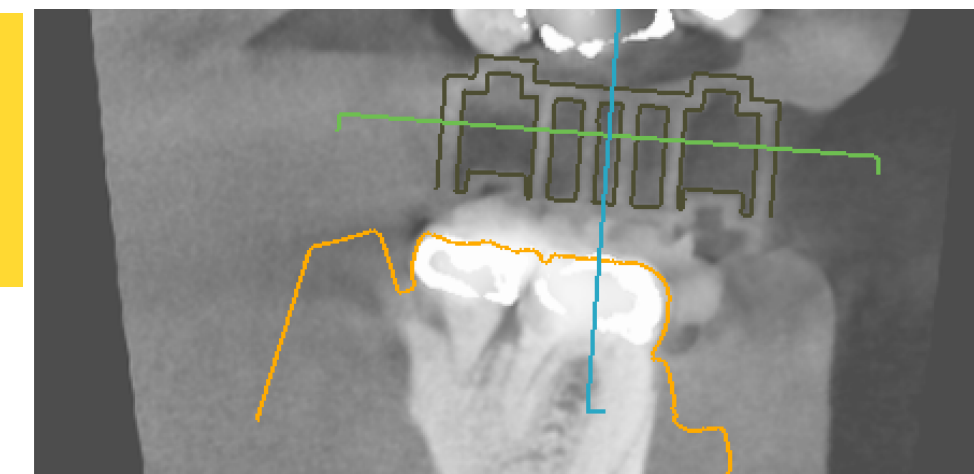




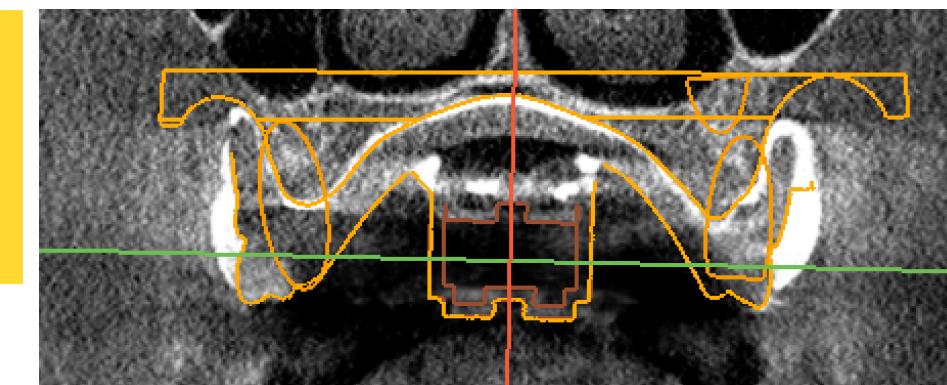
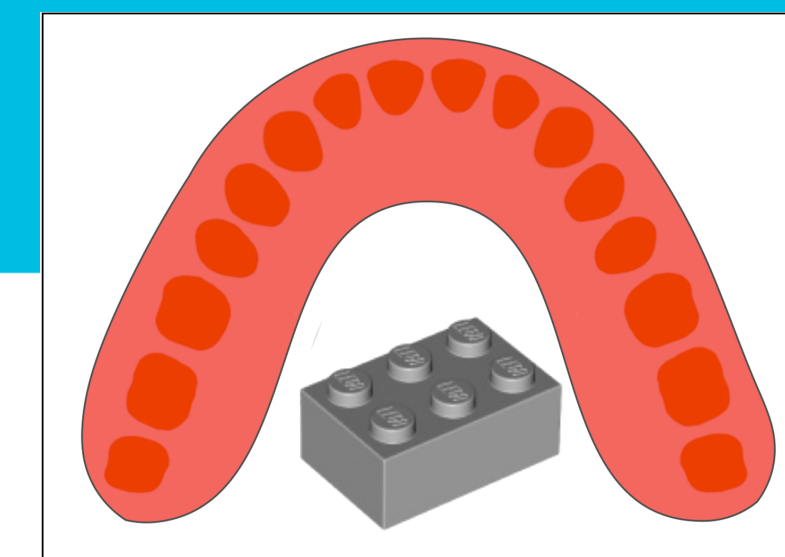
# Partial edentations With metal in a nutshell



Intra Oral Scan



# Full edentulous

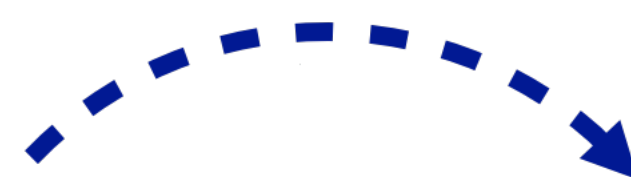
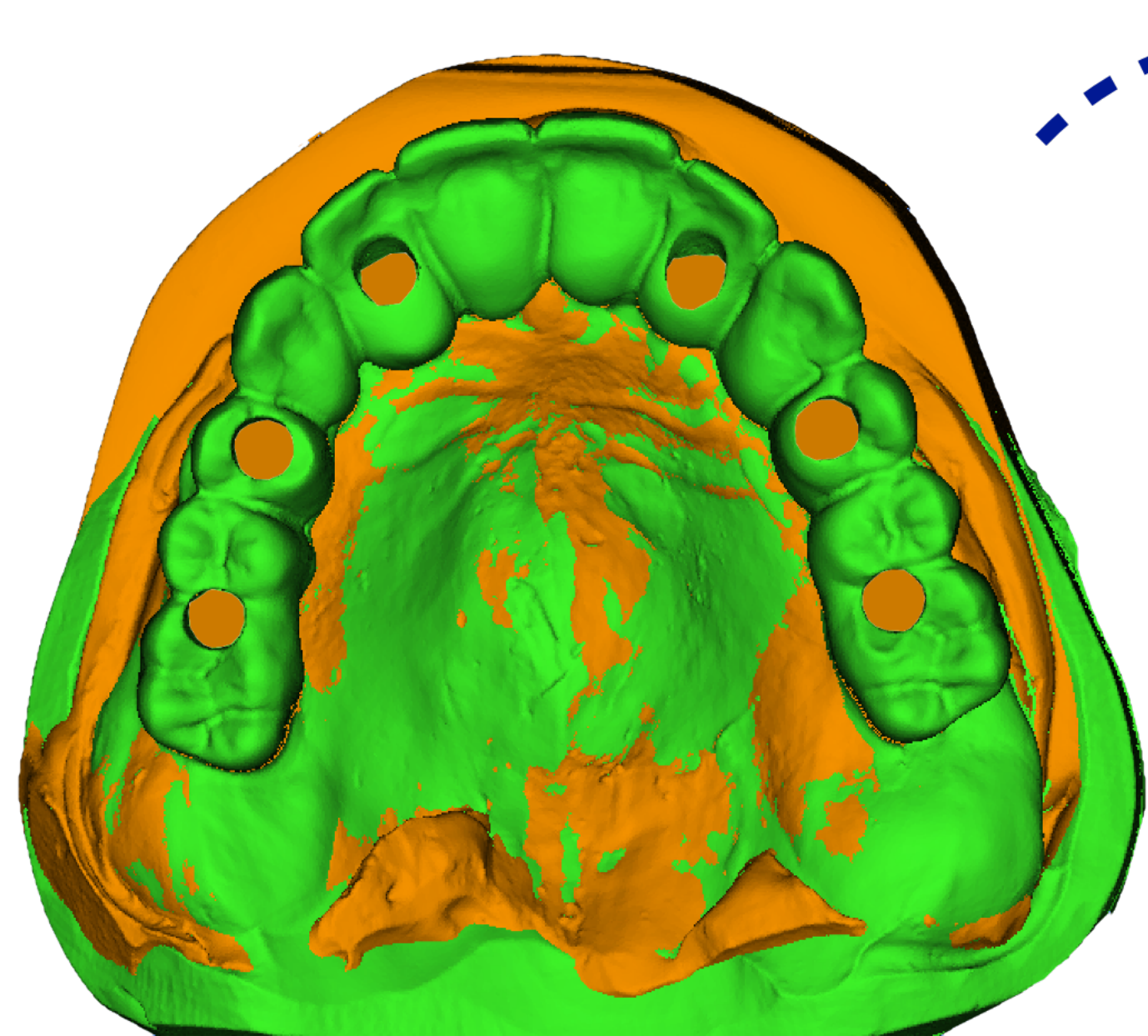
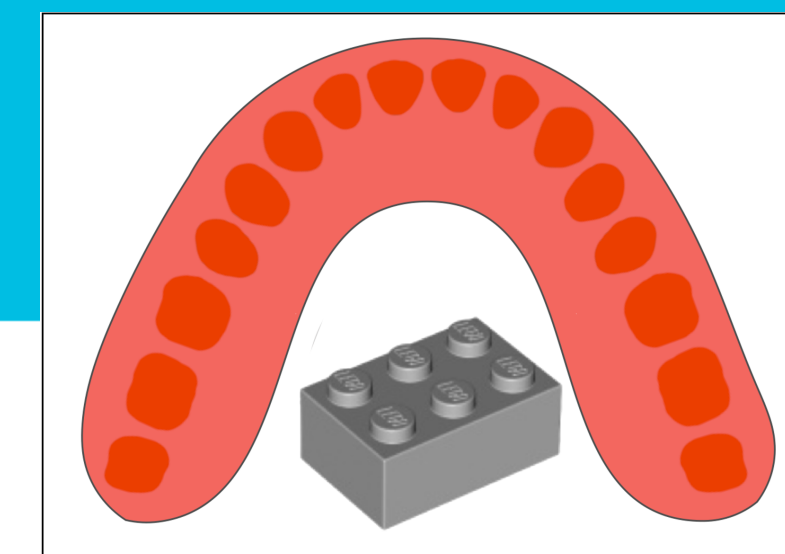


# 2INGIS<sup>®</sup> UNO

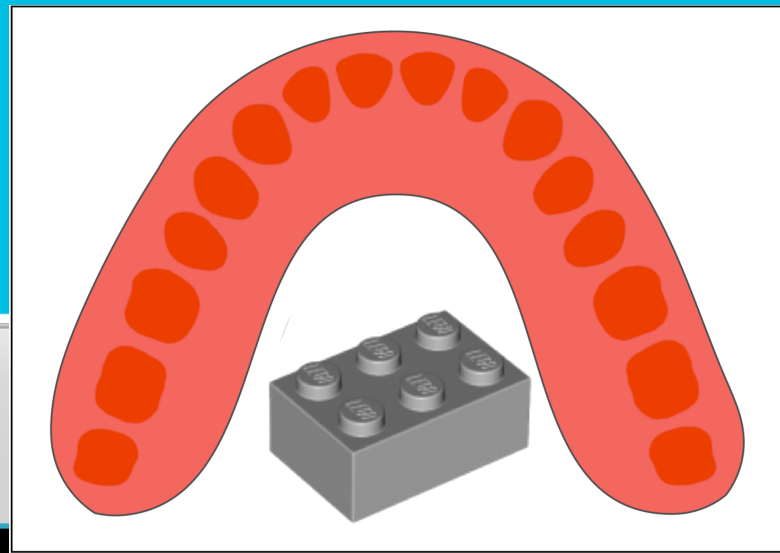
## Immediate Loading

# 2INGIS® Surgery with immediate loading

## Full edentulous



# Lego Brick



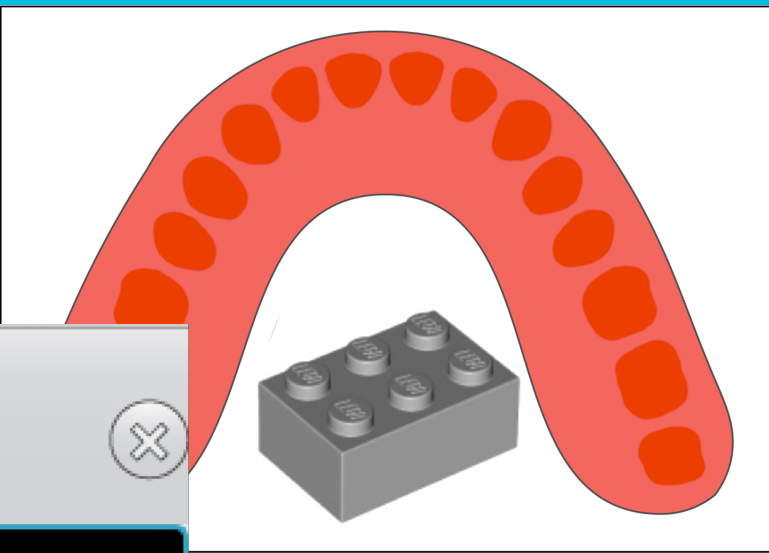
2INGIS powered by swissmeda

Process steps: Planning (Brick)

Front

Implant Sleeve Abutment Safety Cyl. Implant Axis Reference Ruler Orientation Model Scanbody NEW MODEL set up new model situ

# Lego Brick



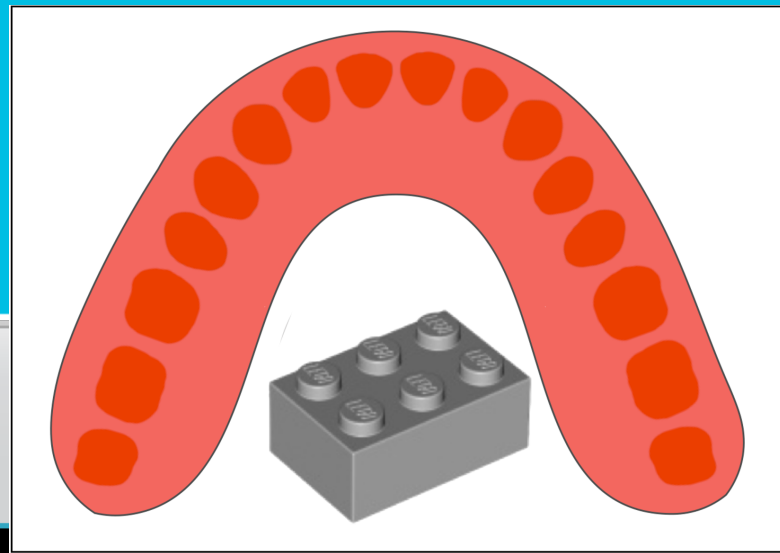
2INGIS powered by swissmeda

Process steps: Planning (Brick)

Front

Implant Sleeve Abutment Safety Cyl. Implant Axis Reference Ruler Orientation Model Scanbody NEW MODEL set up new model situ

# Integration model with gingival contact control



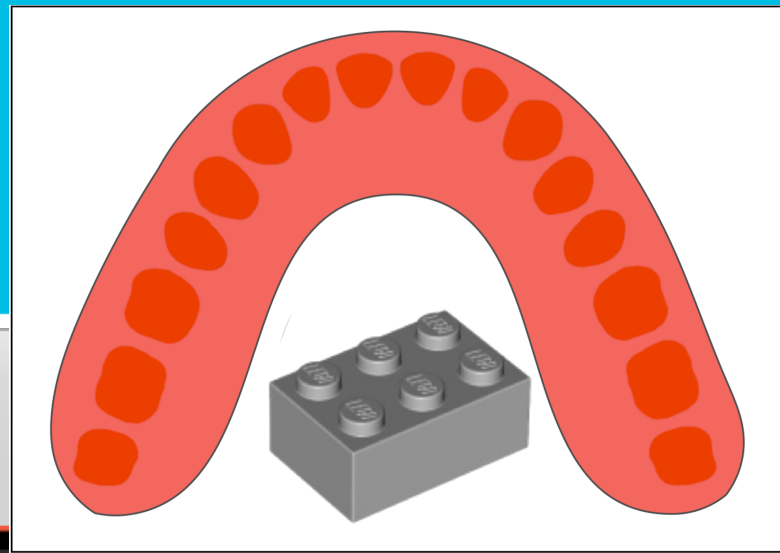
2INGIS powered by swissmeda

Process steps: Planning (Brick)

Implant Sleeve Abutment Safety Cyl. Implant Axis Reference Ruler Orientation Model Scanbody NEW MODEL set up new model situ

The image shows a software interface for dental planning. It features a 3D model of a dental arch with a yellow brick-like component. The interface includes a top toolbar with various icons, a central area with four CT scan views (axial, coronal, and sagittal), and a bottom toolbar with buttons for different components and actions. The text "2INGIS powered by swissmeda" is in the top left, and "Process steps: Planning (Brick)" is in the top center. The bottom toolbar contains buttons for "Implant", "Sleeve", "Abutment", "Safety Cyl.", "Implant Axis", "Reference", "Ruler", "Orientation", "Model", "Scanbody", "NEW MODEL", "set up new model", and "situ".

# Integration model with gingival contact control



2INGIS powered by swissmeda

Process steps: Planning (Brick)

Relining with radio opaque Hydrorise implant

Zhermack hydrorise implant

light body normal set

sweet mint scent

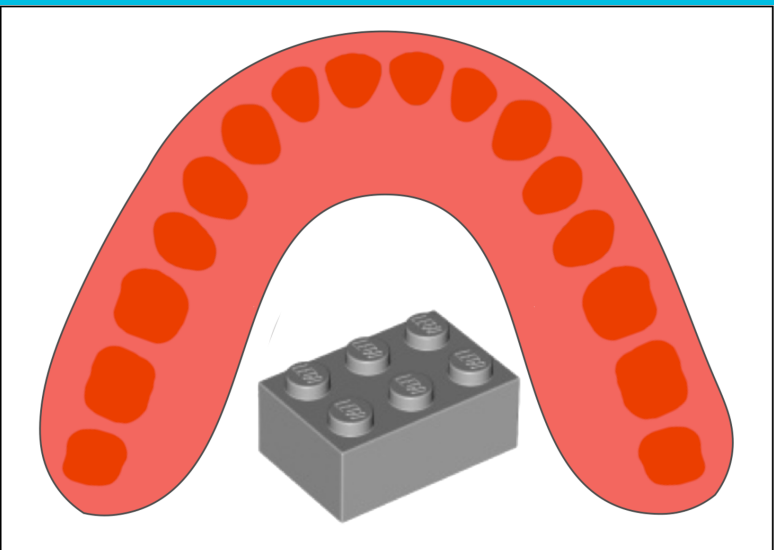
100 ml

Implant Sleeve Abutment Safety Cyl. Implant Axis Reference Ruler Orientation Model Scanbody NEW MO

The screenshot shows a 3D model of a dental arch with a white arrow pointing to a specific area. The text "Relining with radio opaque Hydrorise implant" is overlaid on the image. The software interface includes a top toolbar with various icons and a bottom toolbar with buttons for "Implant", "Sleeve", "Abutment", "Safety Cyl.", "Implant Axis", "Reference", "Ruler", "Orientation", "Model", "Scanbody", and "NEW MO".



# Set up



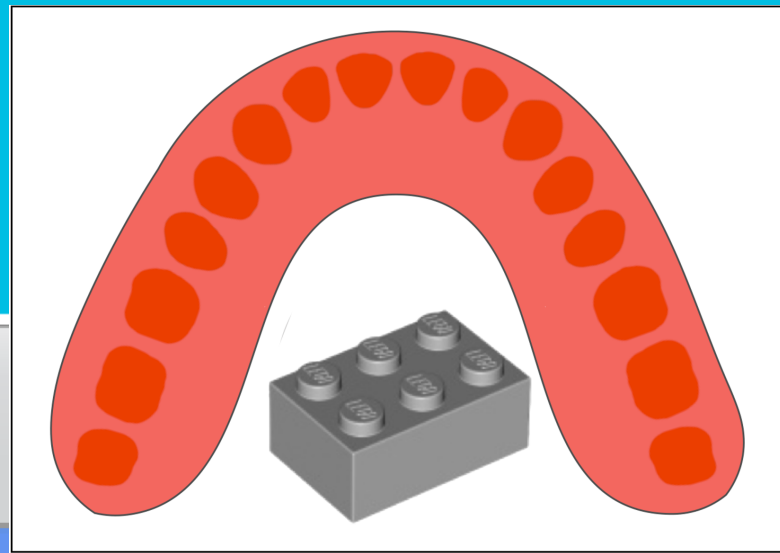
2INGIS powered by swissmeda

Process steps: Planning (Brick)

Front

Implant Sleeve Abutment Safety Cyl. Implant Axis Reference Ruler Orientation Model Scanbody NEW MODEL set up new model situ

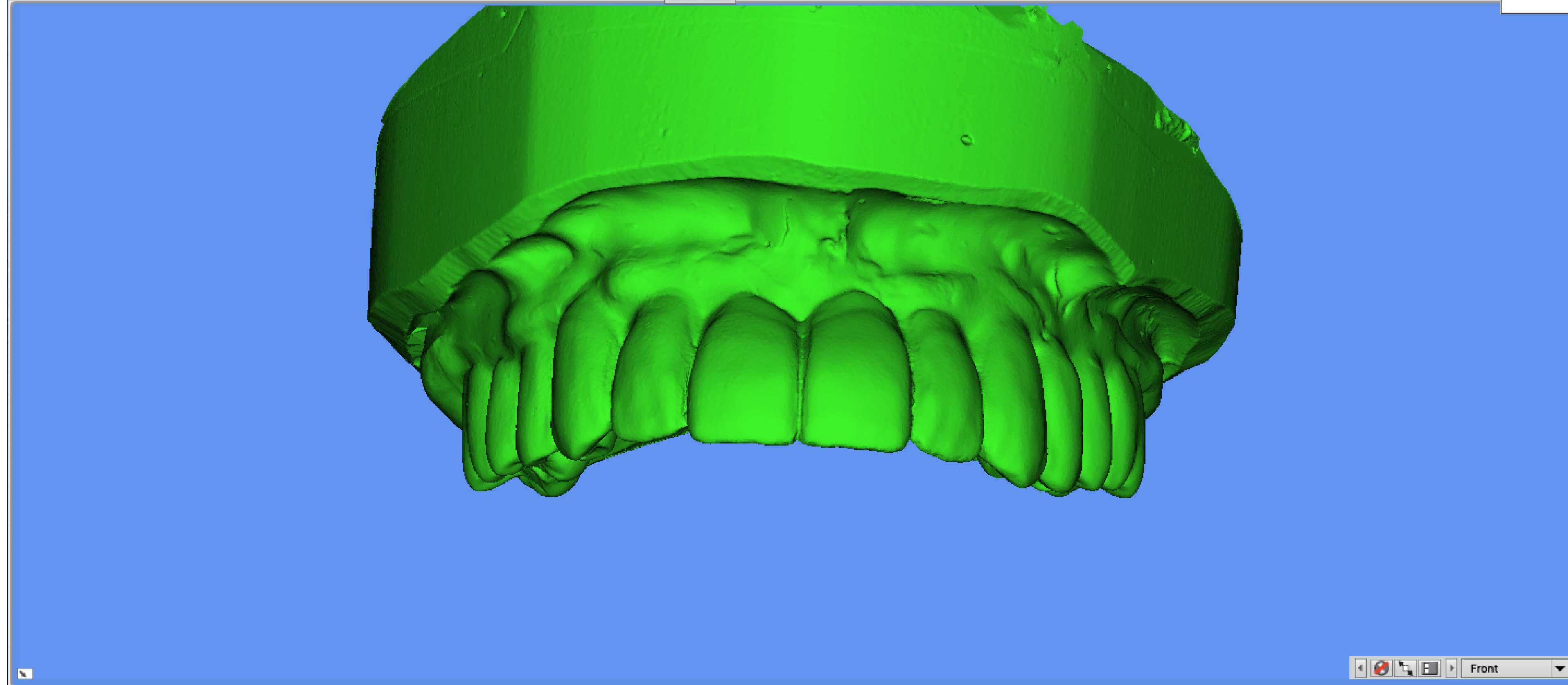
# Lego Brick



2INGIS  
powered by swissmeda



Process steps: Planning (Brick)

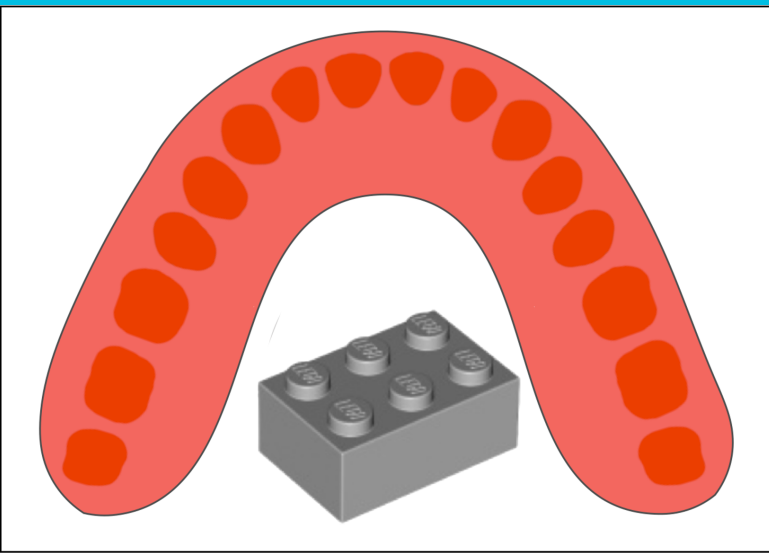


Front



Implant Sleeve Abutment Safety Cyl. Implant Axis Reference Ruler Orientation Model Scanbody NEW MODEL set up new model situ

# Planning



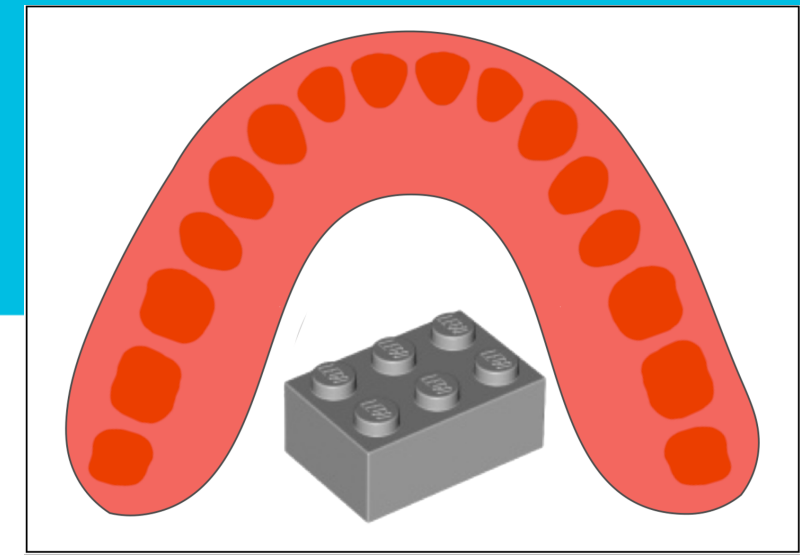
2INGIS powered by swissmeda

Process steps: Planning (Brick)

16 14 12 22 24 26

Implant Sleeve Abutment Safety Cyl. Implant Axis Reference Ruler Orientation Model Scanbody NEW MODEL set up new model situ

# What will be used?



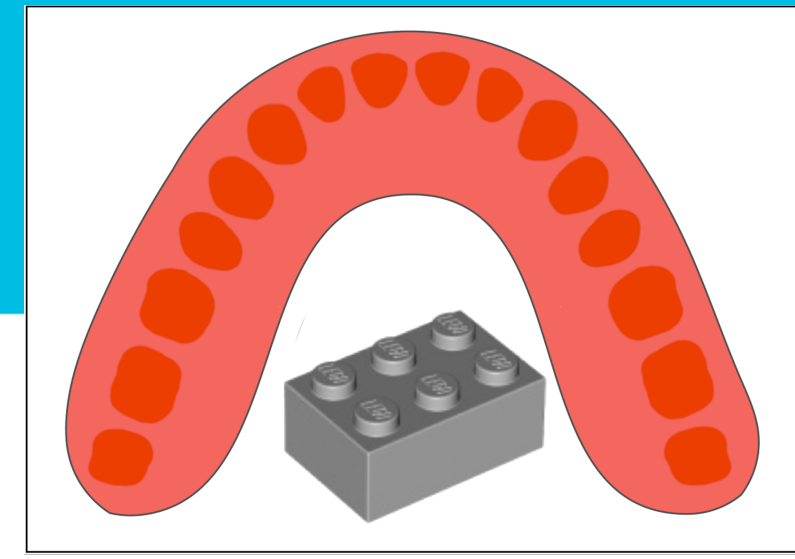
2INGIS® UNO guide

Use of any standard drill

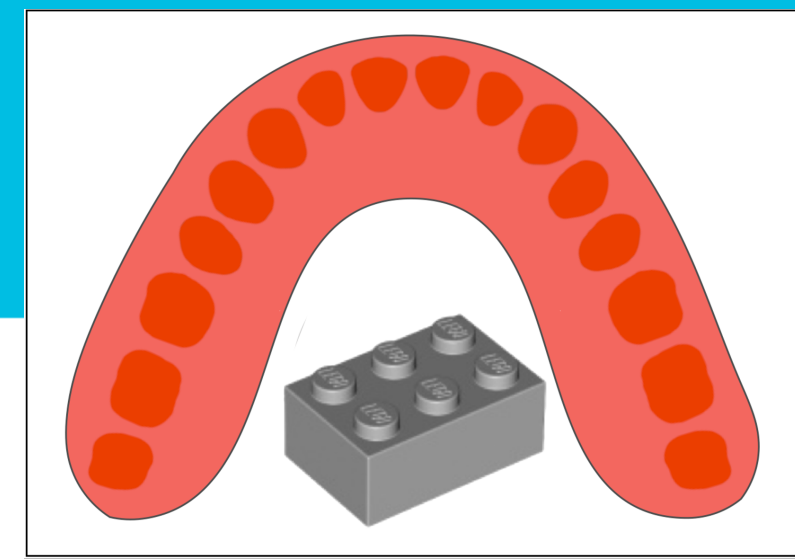


2INGIS® kit

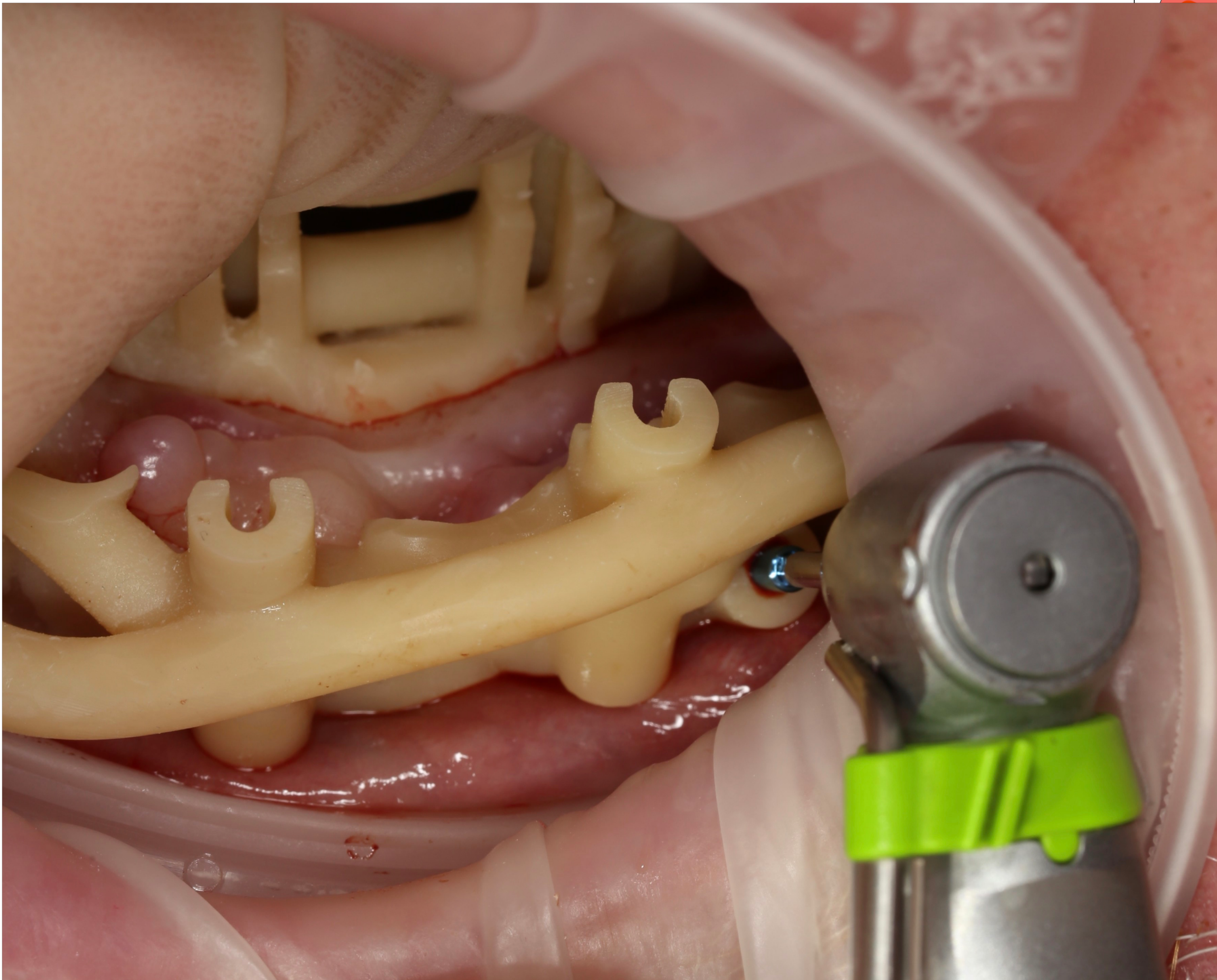
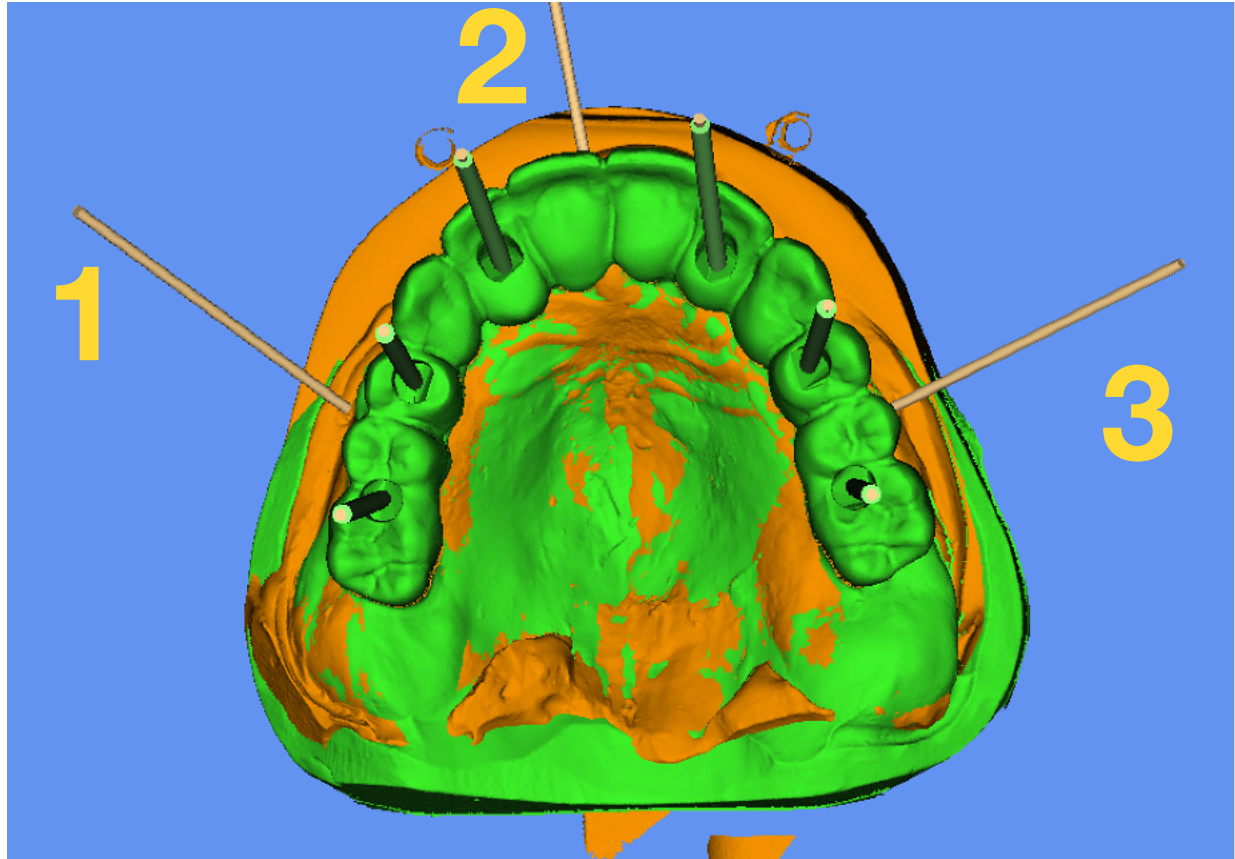
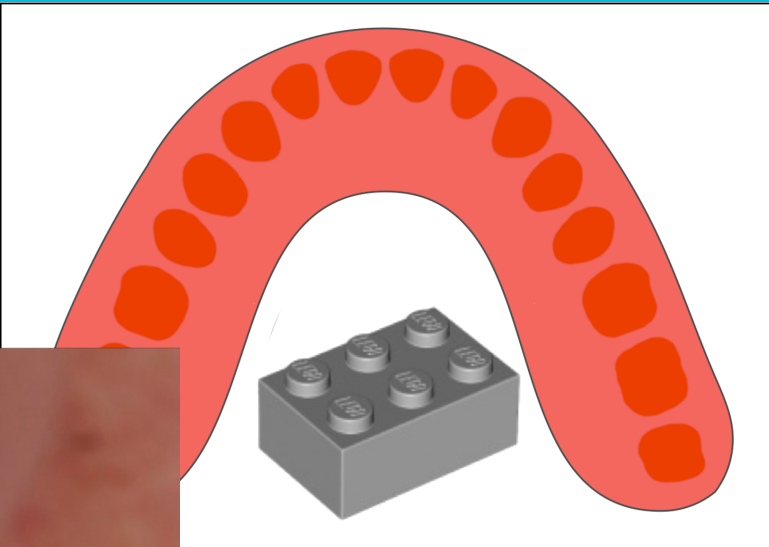
# Start situation



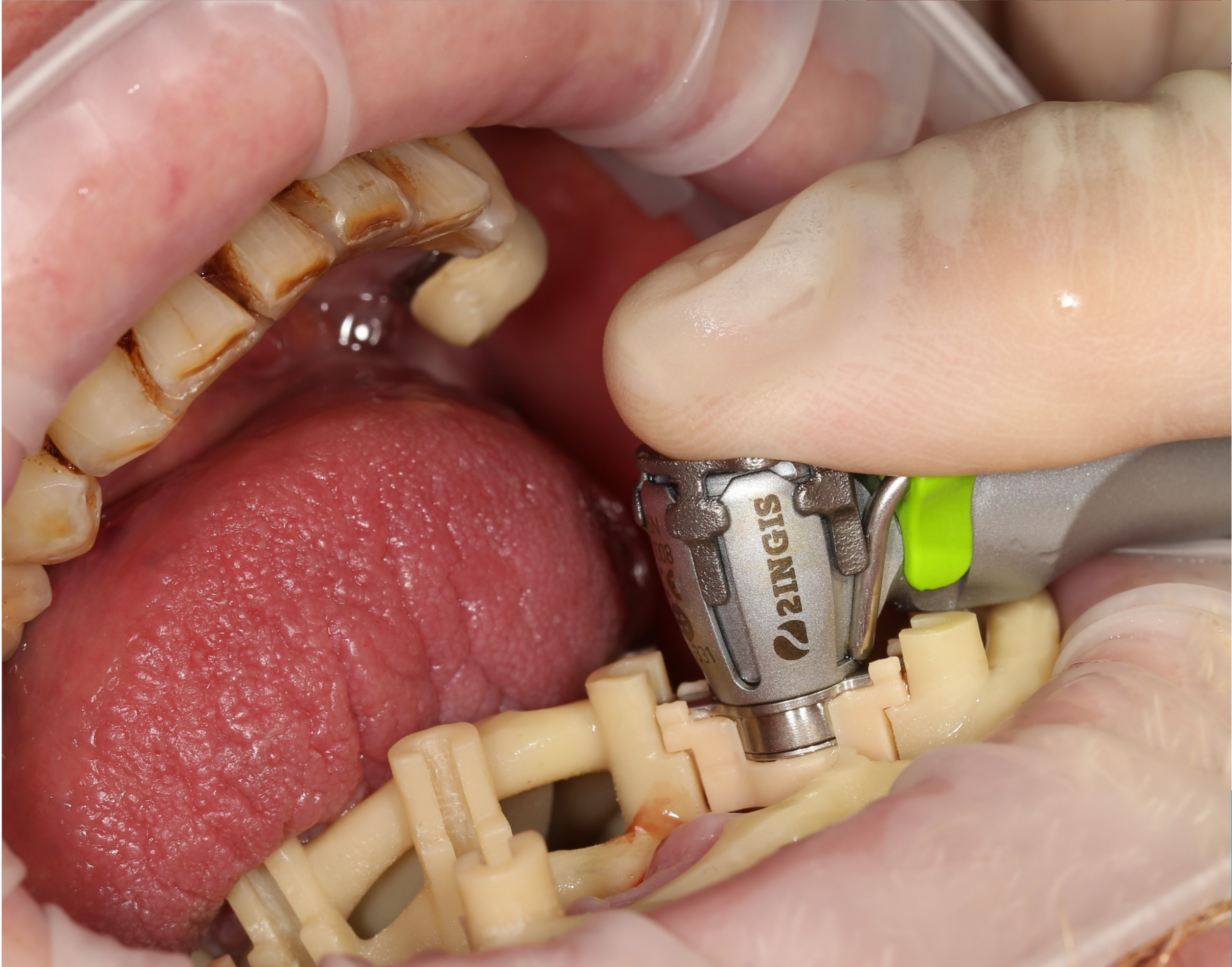
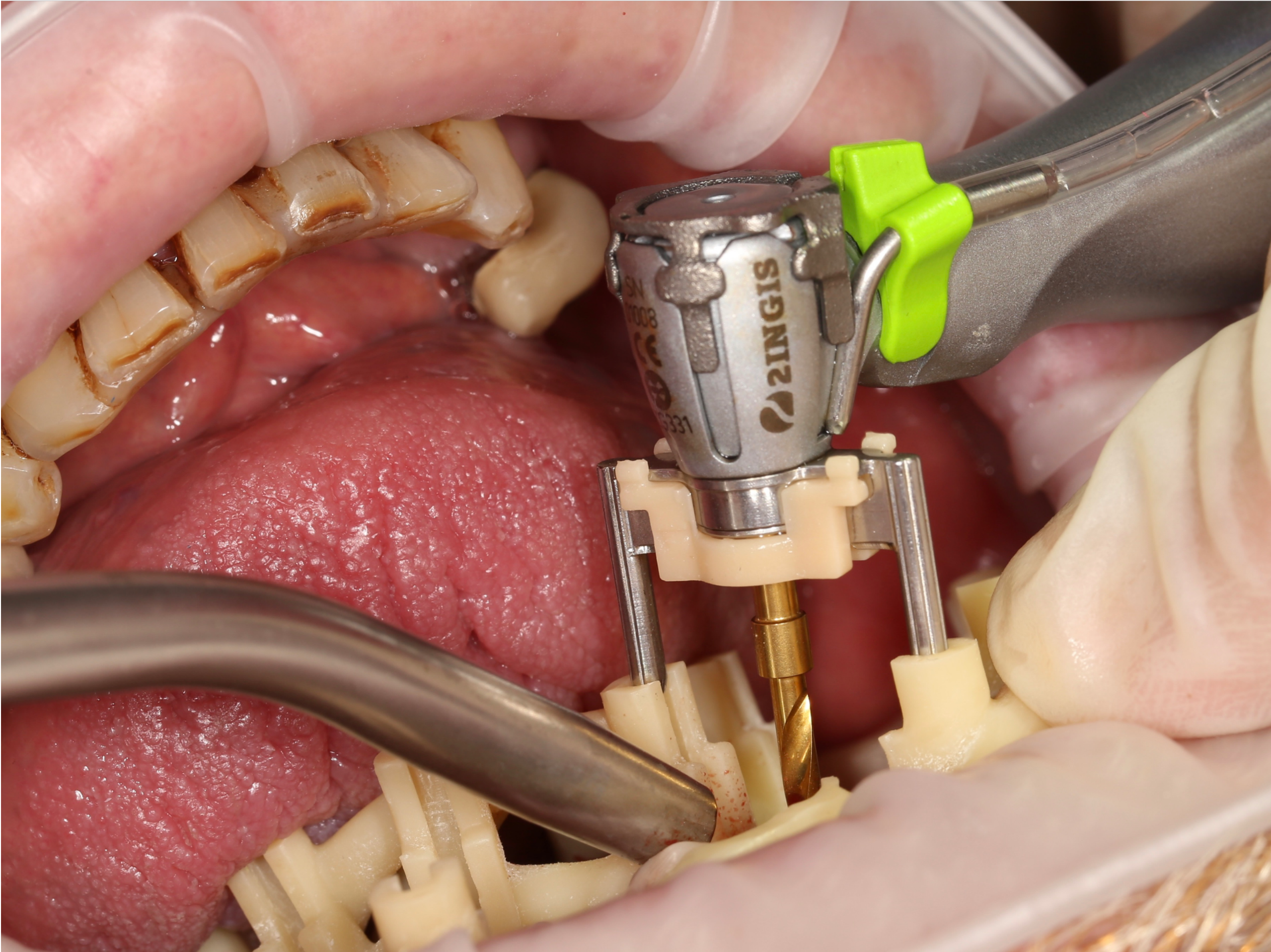
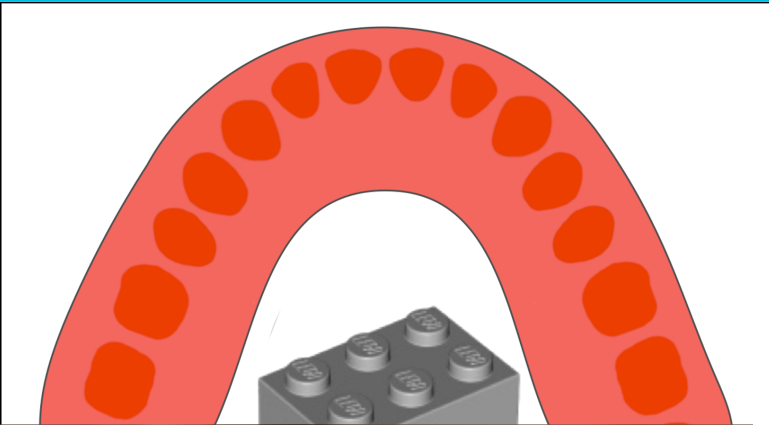
# 2INGIS® UNO guide with immediate loading



# Fixation of the guide with 3 screws

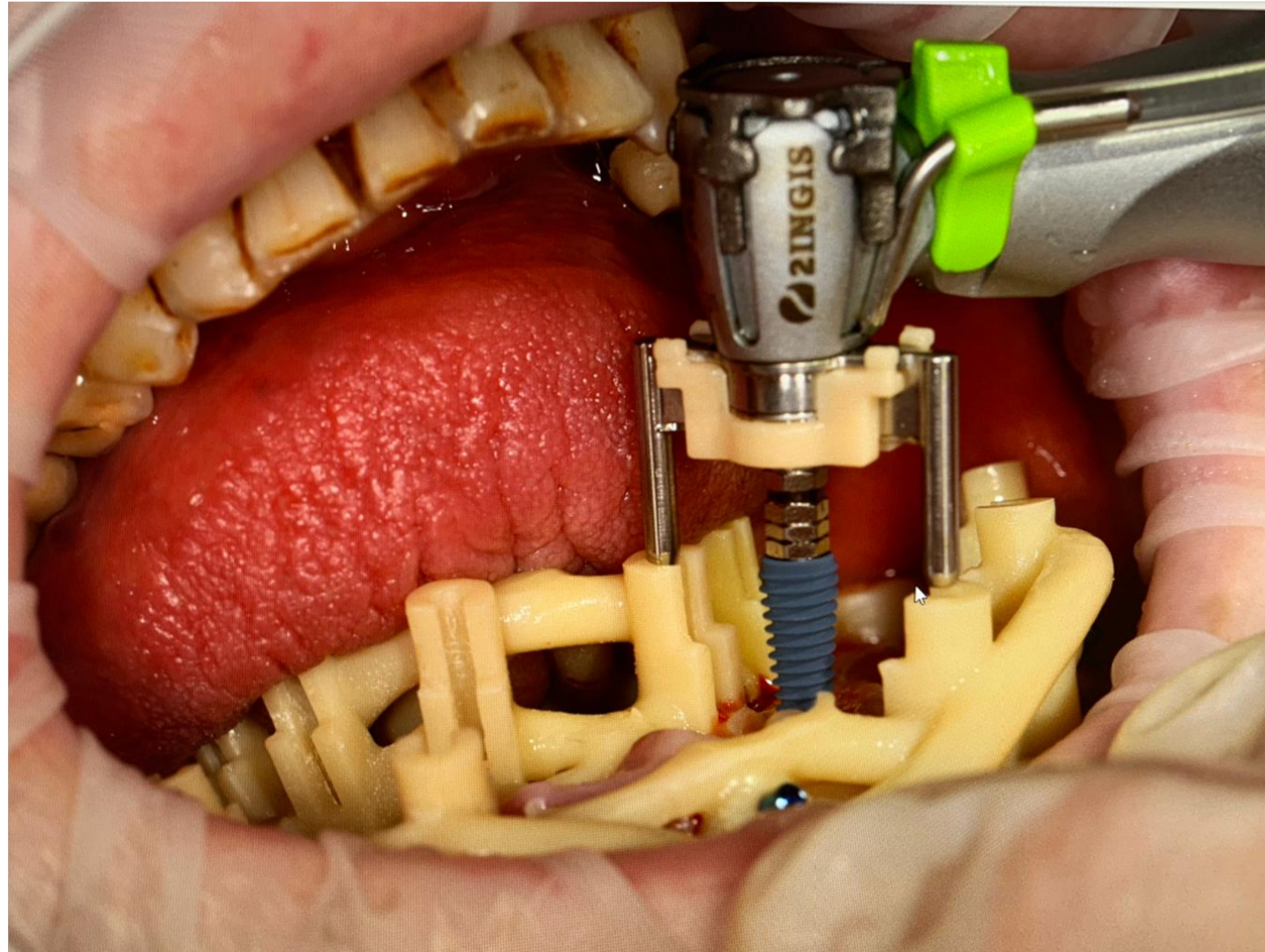
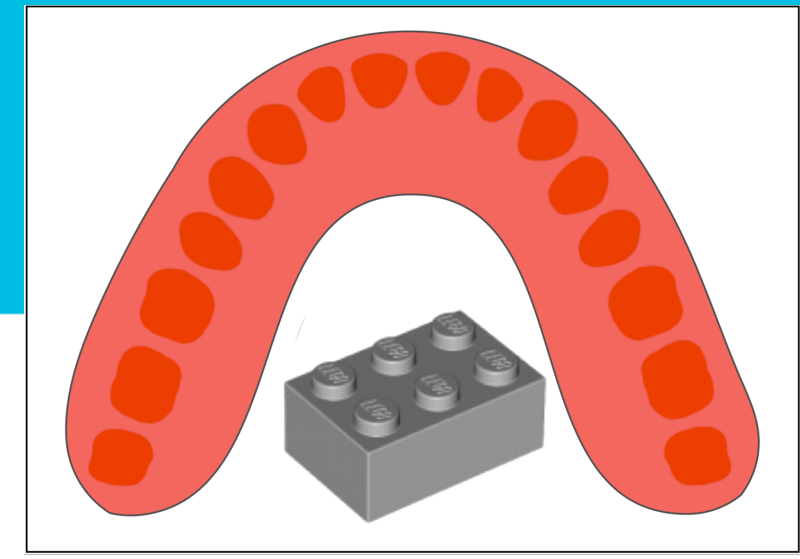


# Drilling

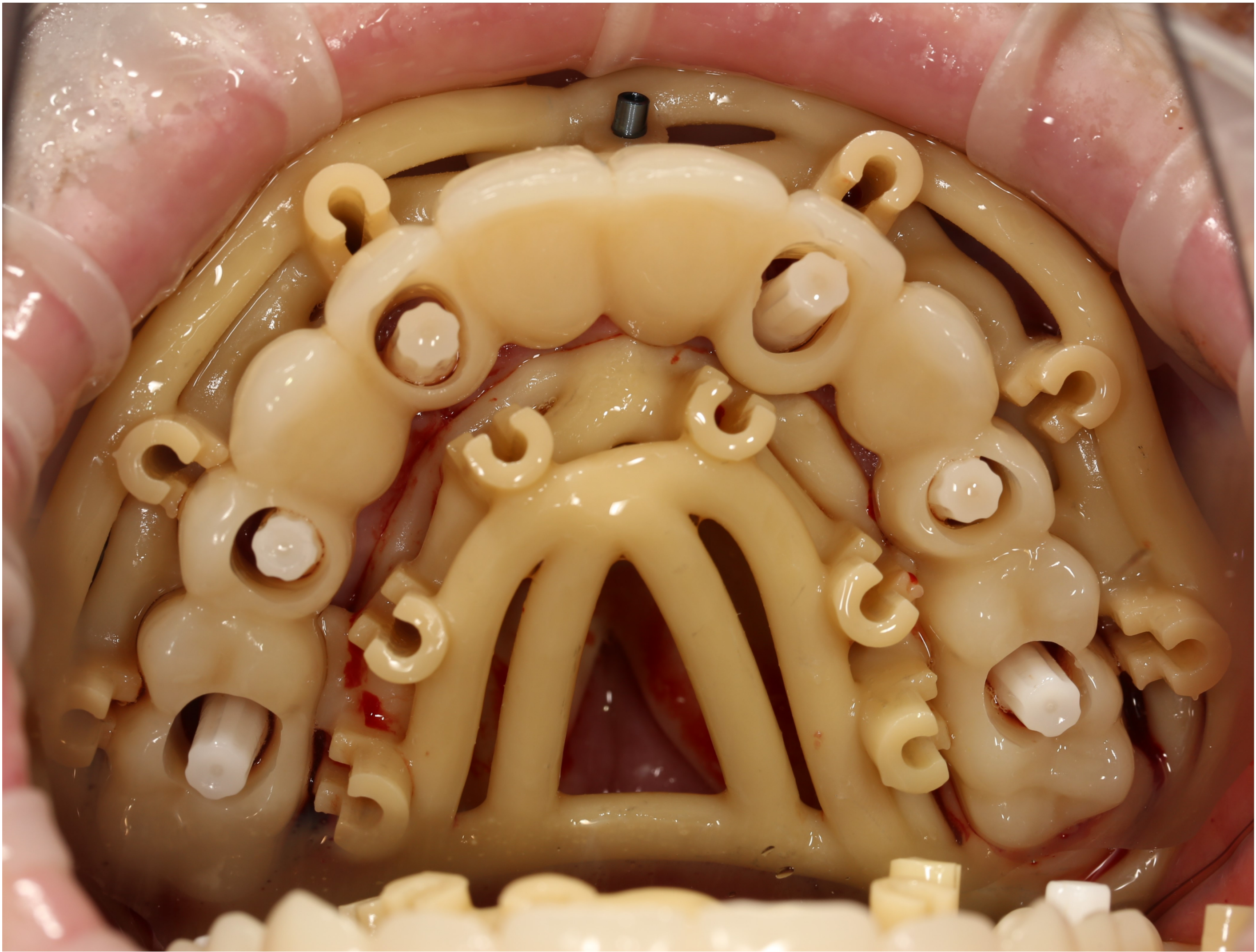
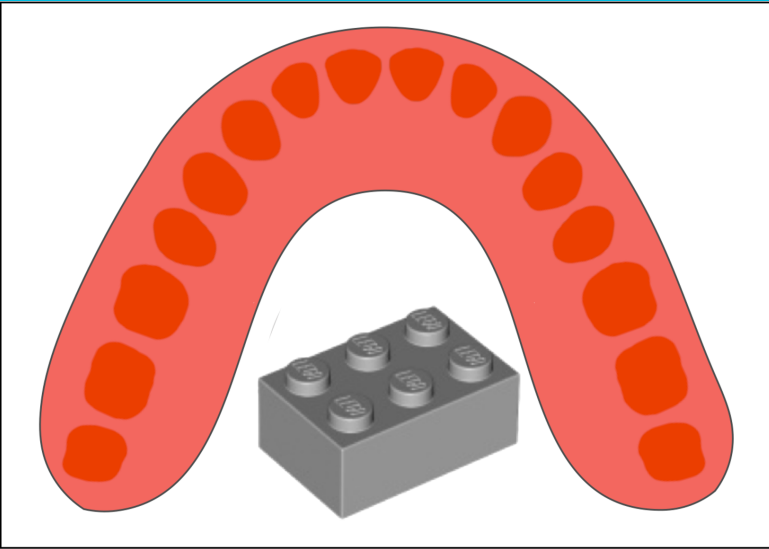




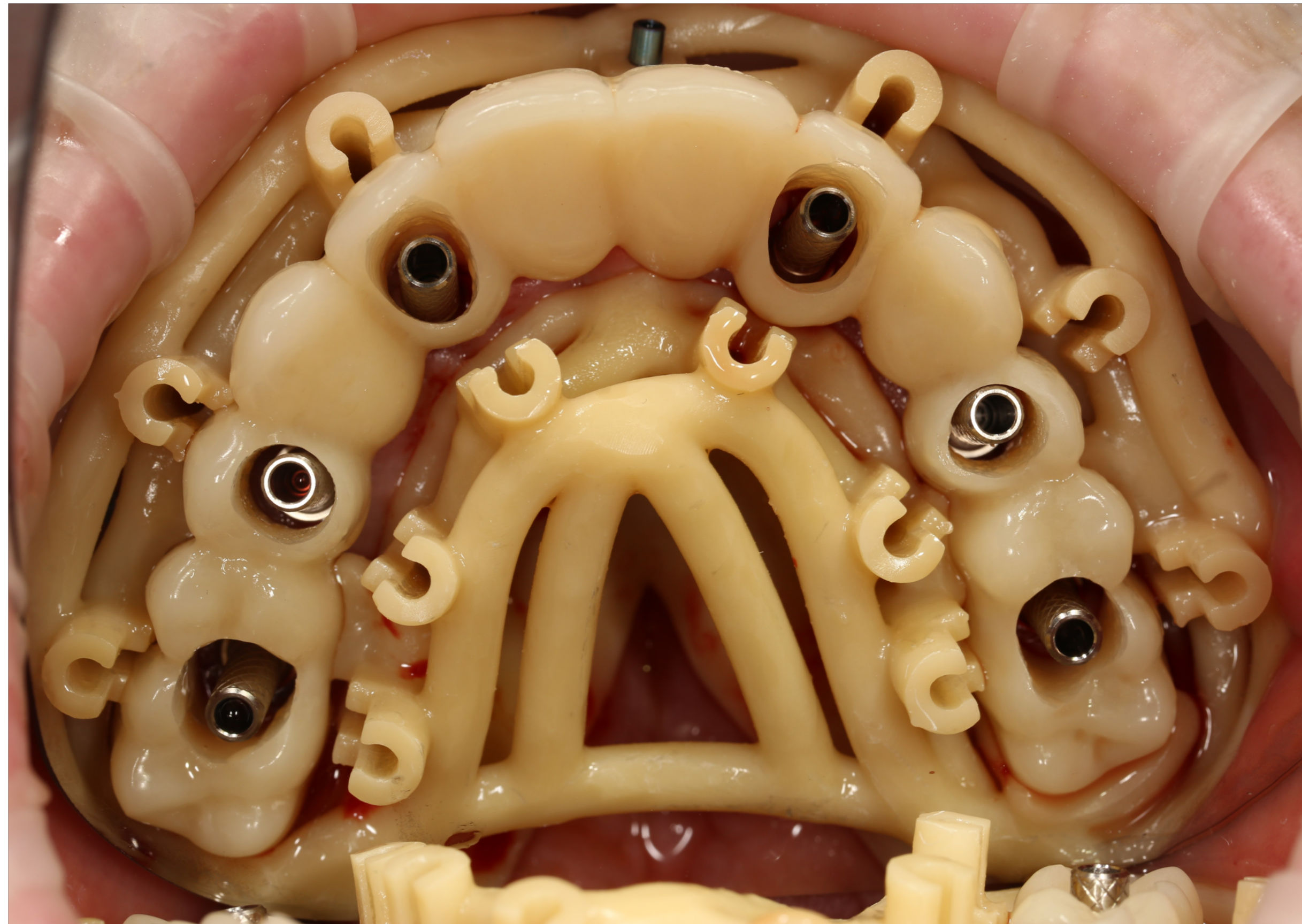
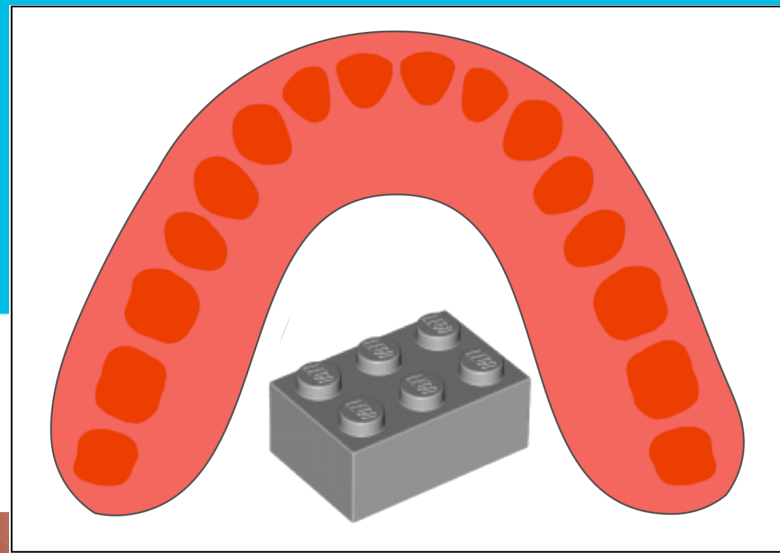
# Implant placement



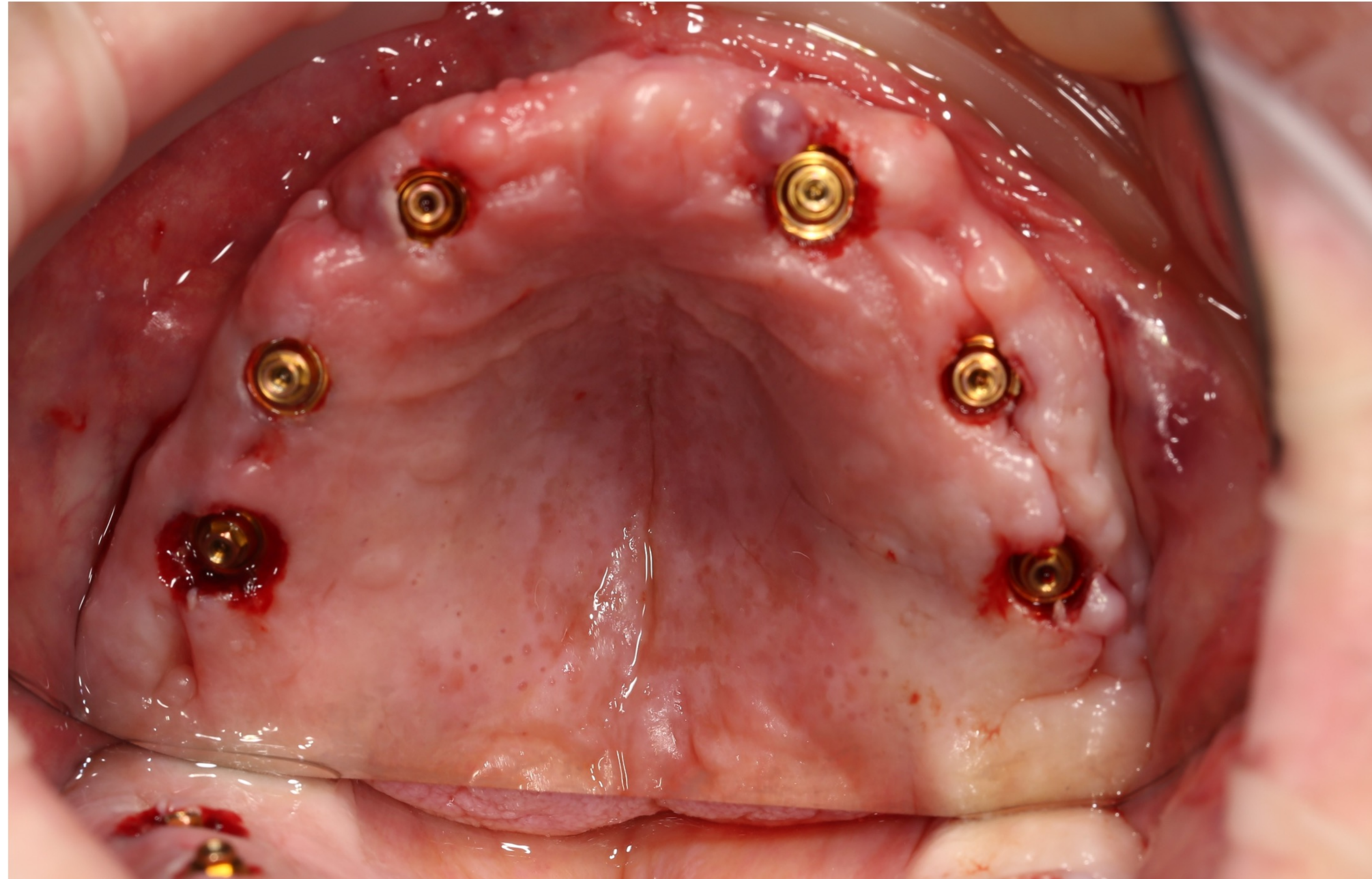
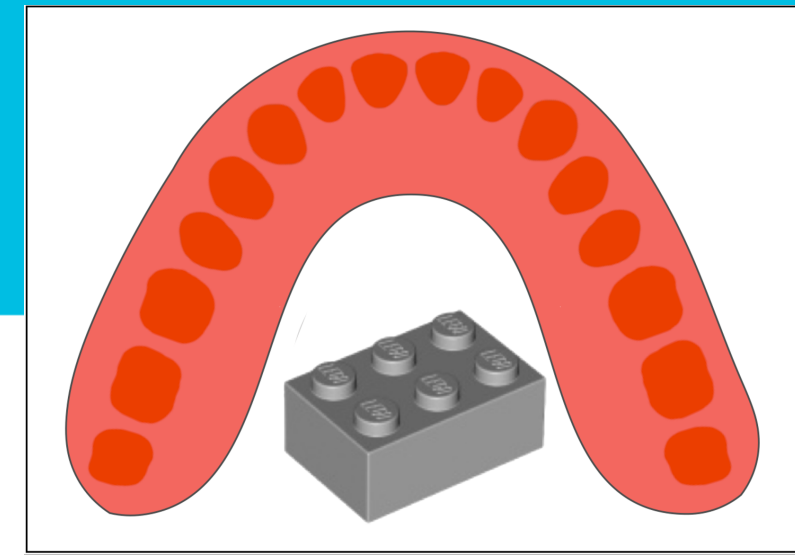
# Implant placed with bridge on top



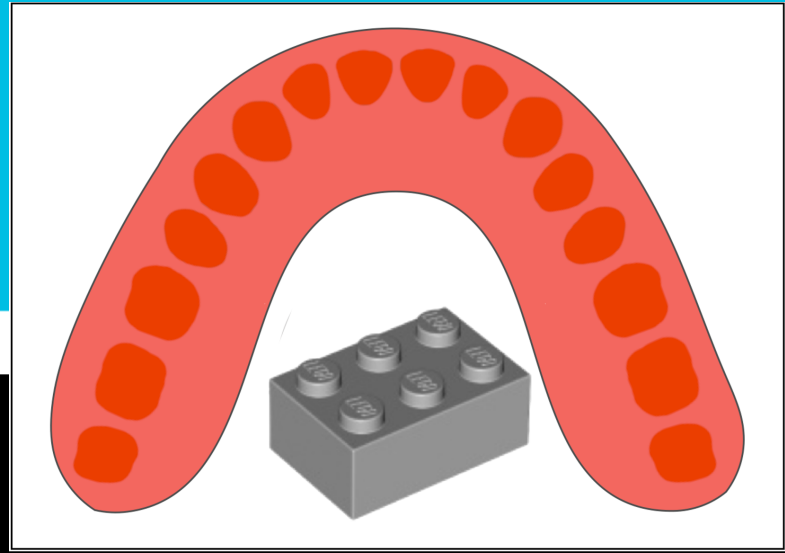
# Fixation of the tubes with the temporary bridge



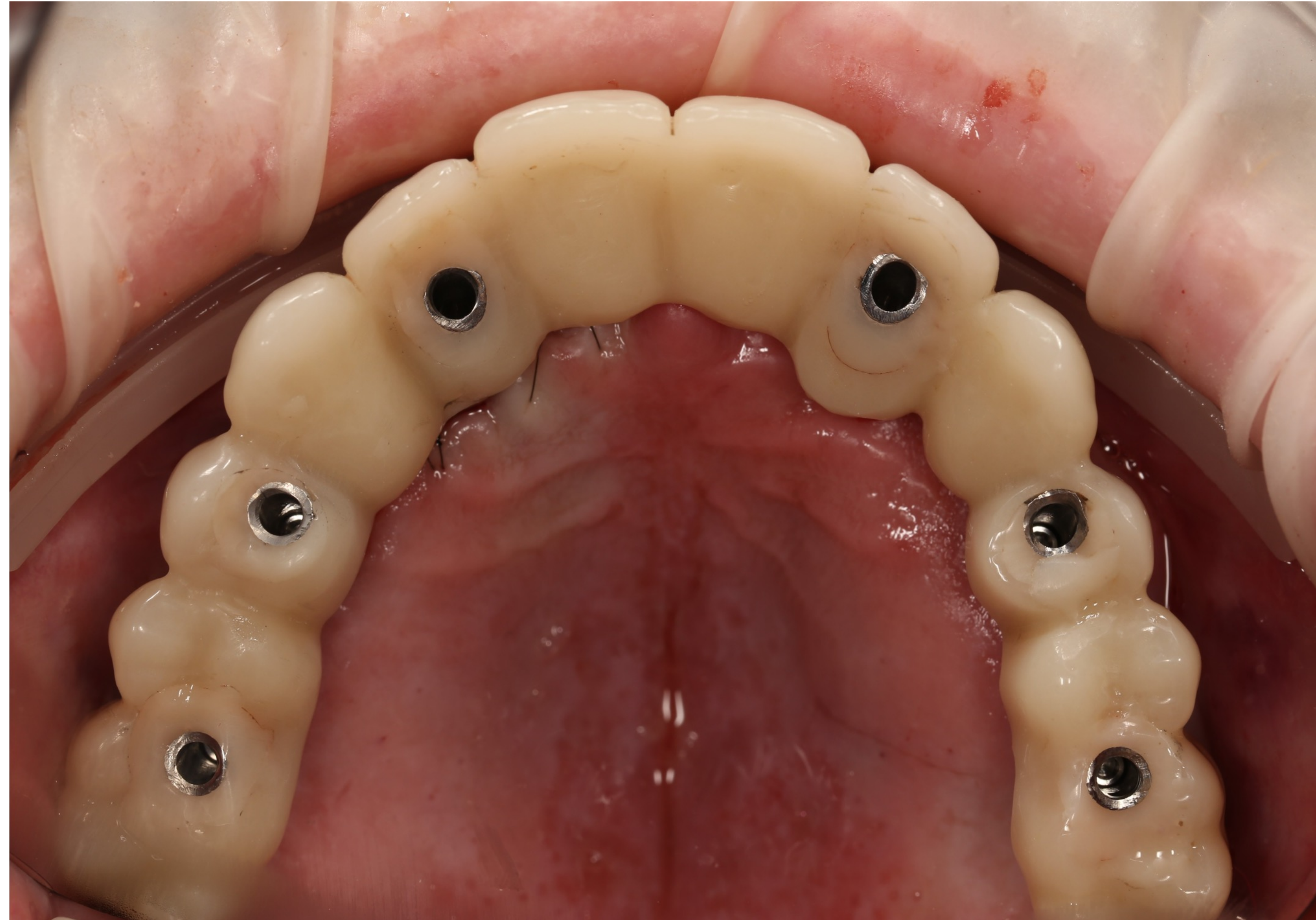
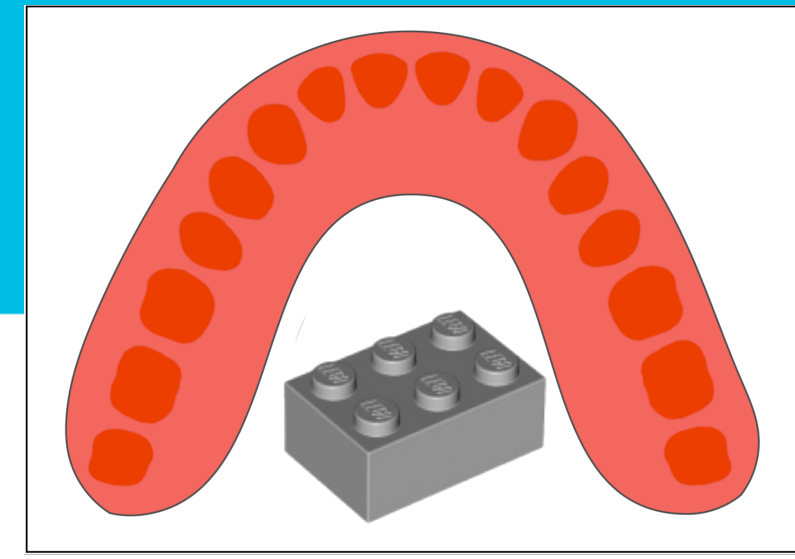
# Guide removed for bone grafting



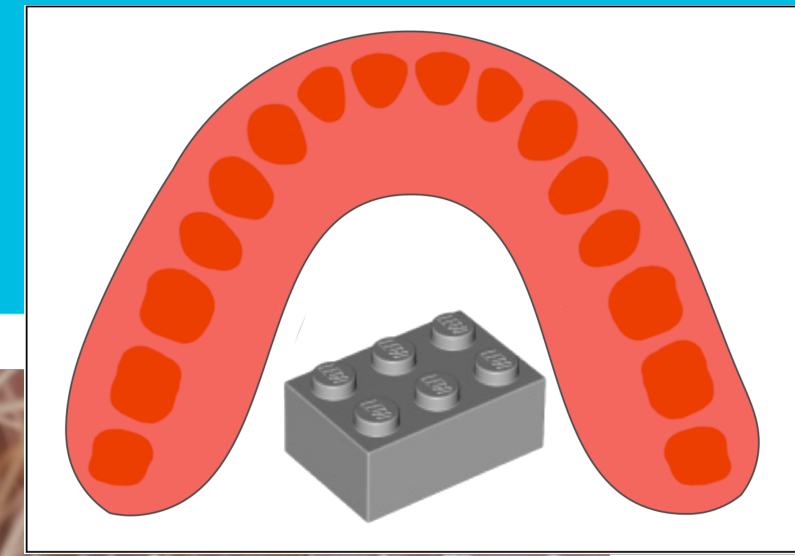
# Finishing bridge before placement



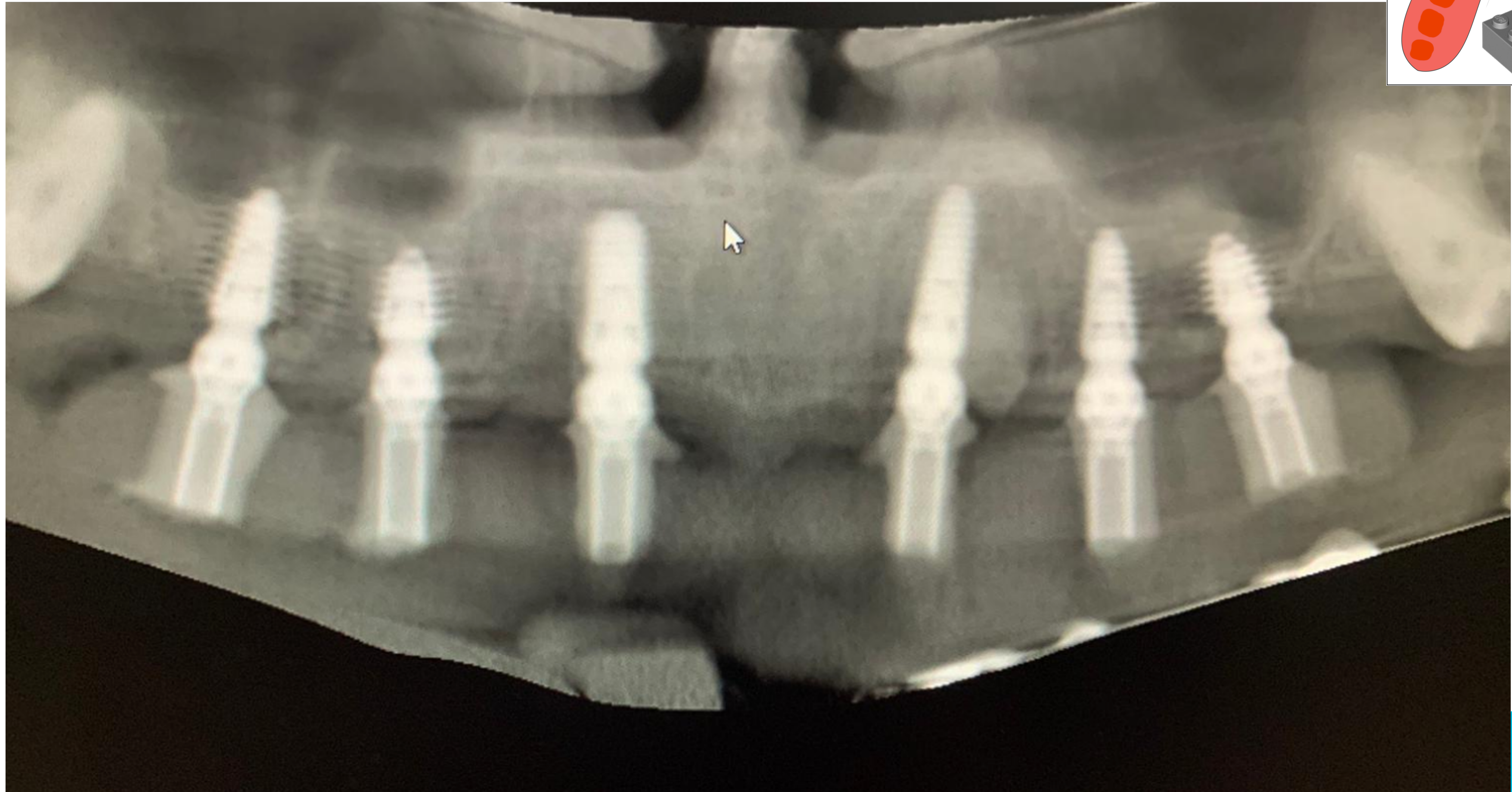
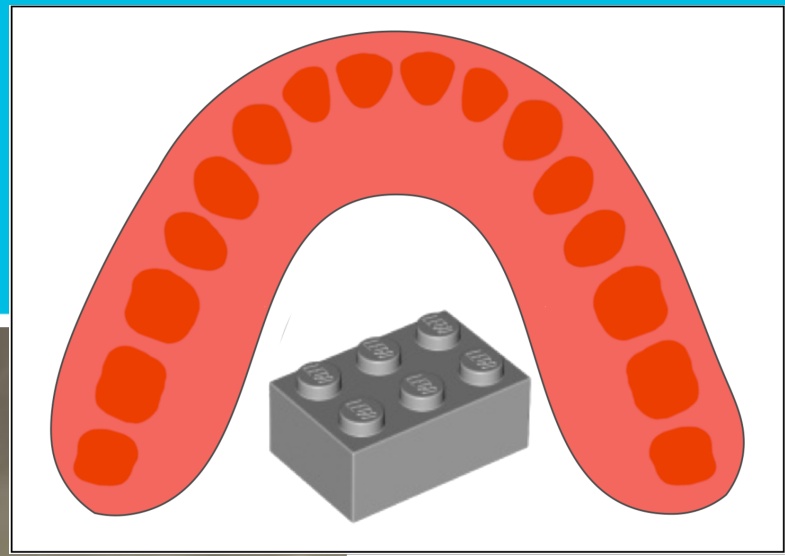
# Bridge in place



# Bridge in place



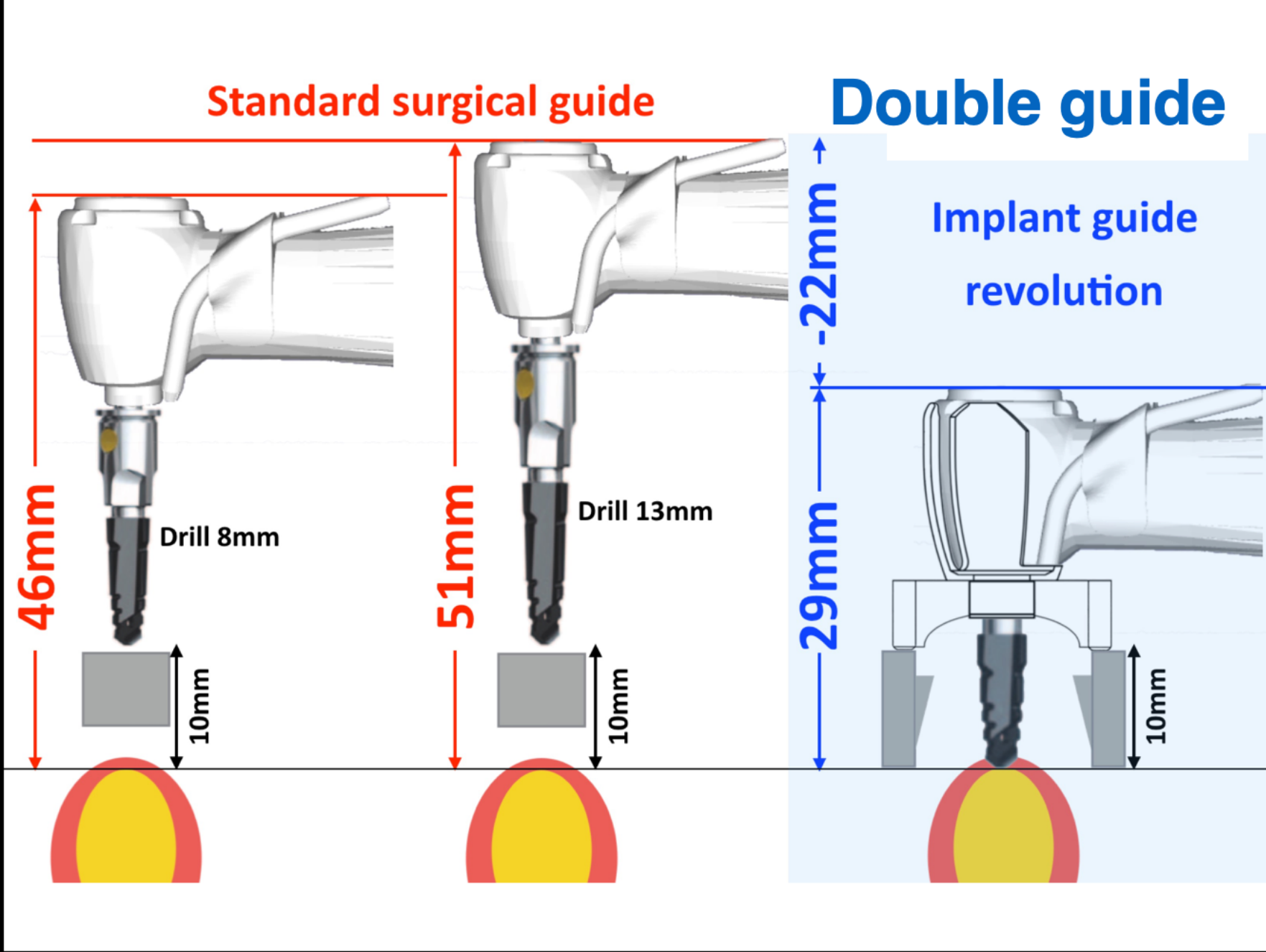
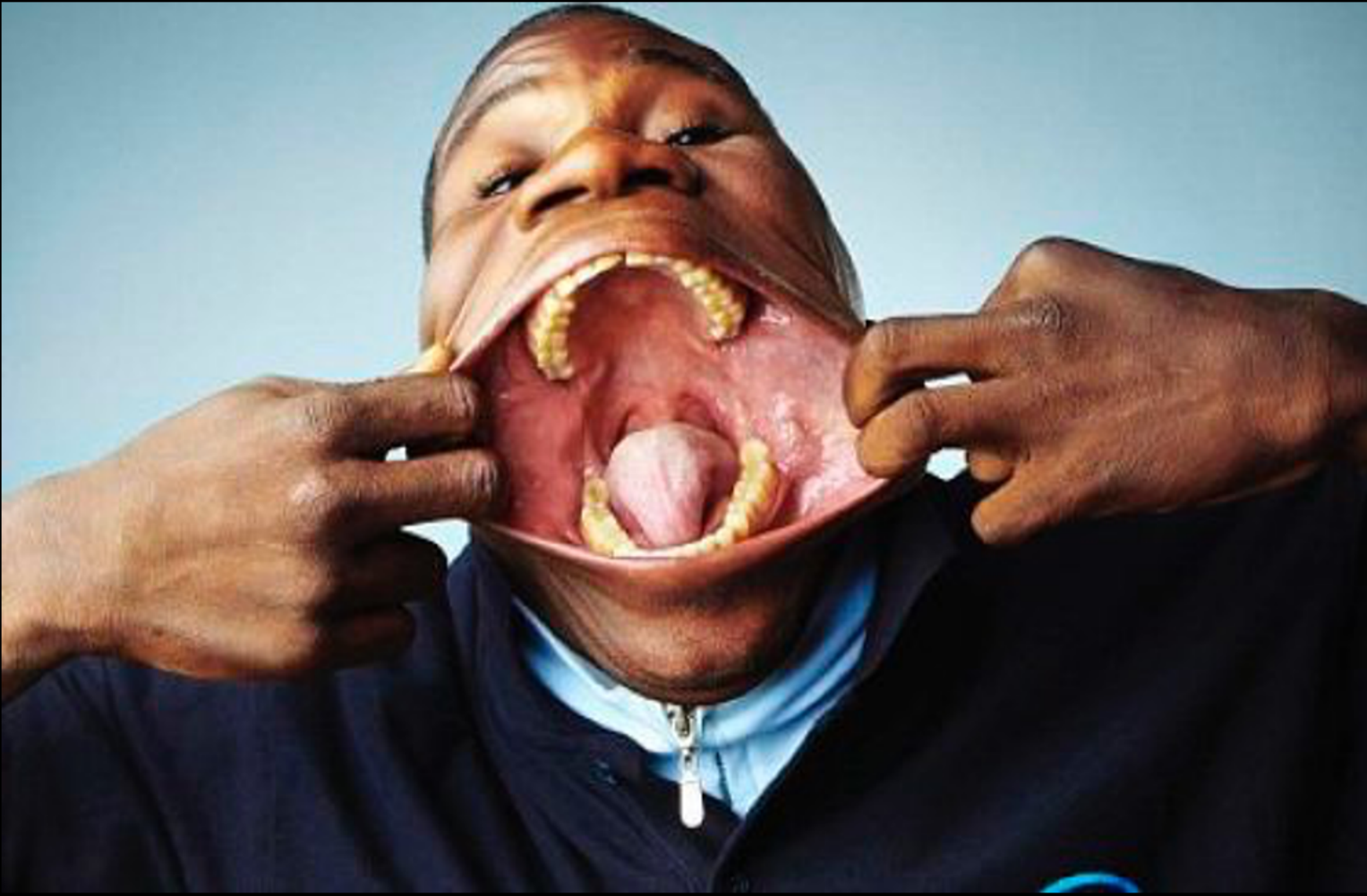
# X-ray



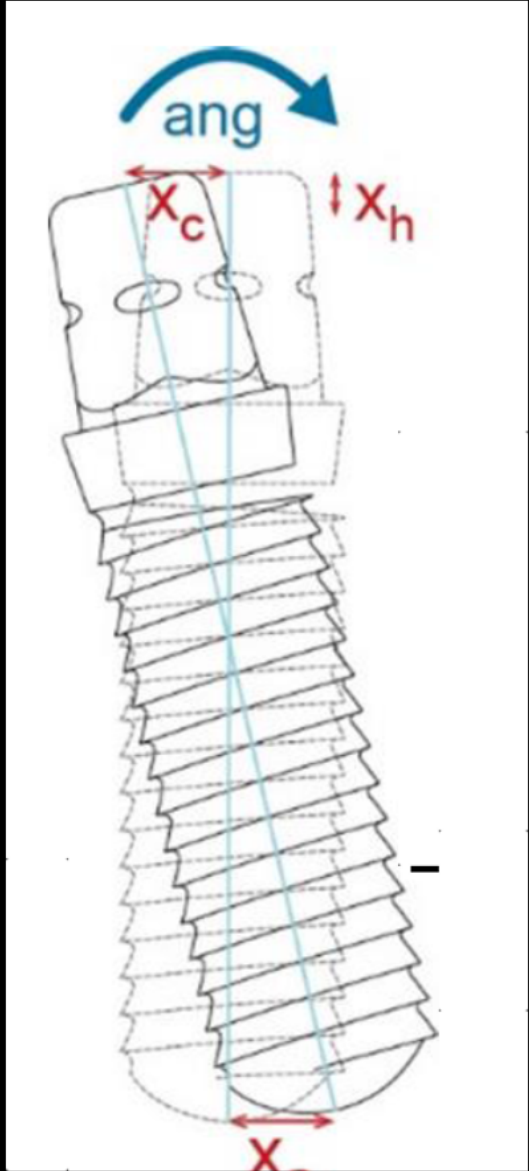
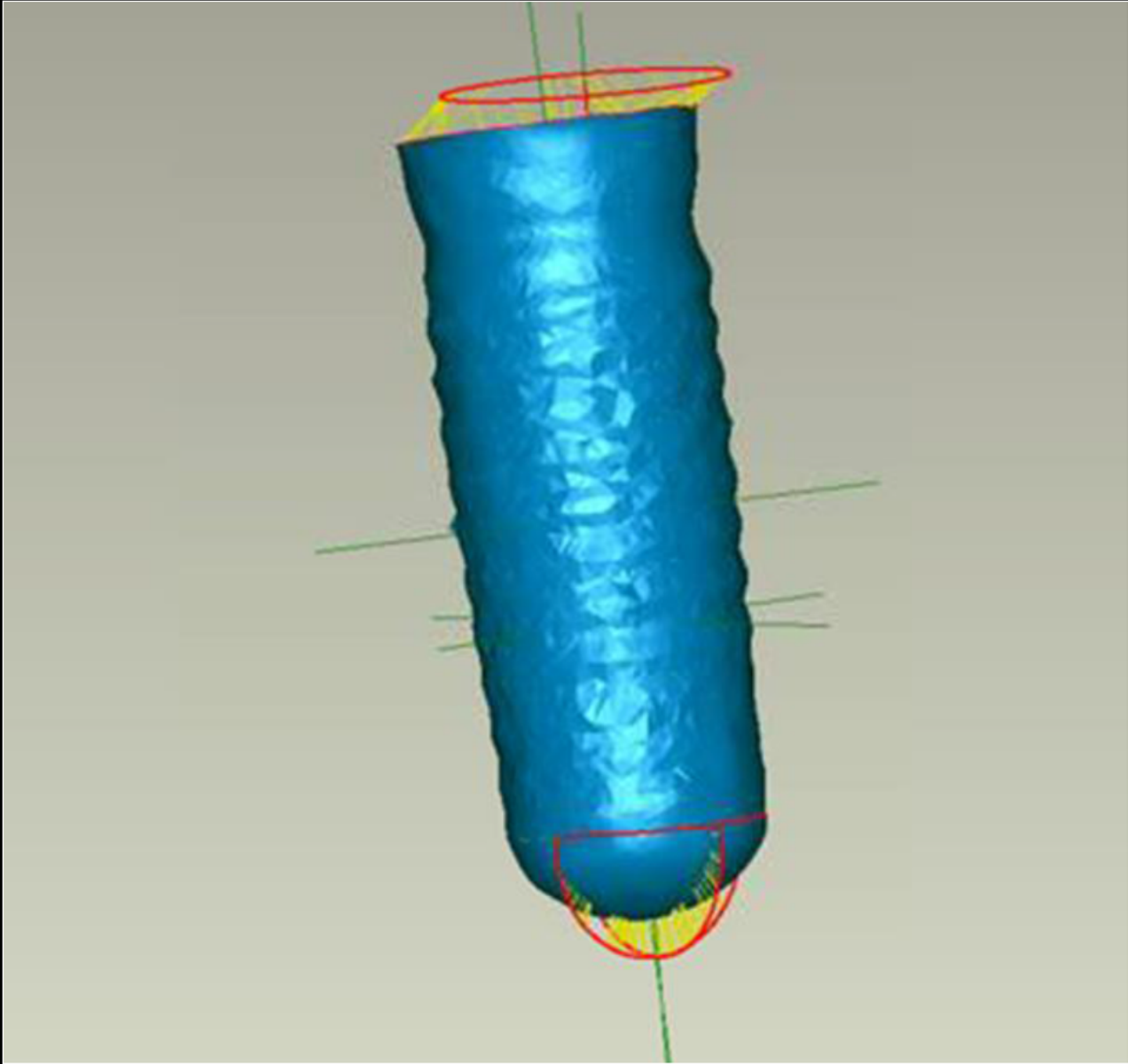


# 2INGIS<sup>®</sup> Advantages

# 2INGIS® guides needs less space in the mouth



# 2INGIS® offers the best accuracy compared to sleeve guided surgery



	2INGIS®	Sleeve guides		
Implantat-länge	2.86°	5.8°	14.6°	21.1°
8 mm	0.4 mm	0.8 mm	2.0 mm	2.9 mm
10 mm	0.5 mm	1.0 mm	2.5 mm	3.7 mm
12 mm	0.6 mm	1.2 mm	3.1 mm	4.4 mm
14 mm	0.7 mm	1.4 mm	3.6 mm	5.1 mm

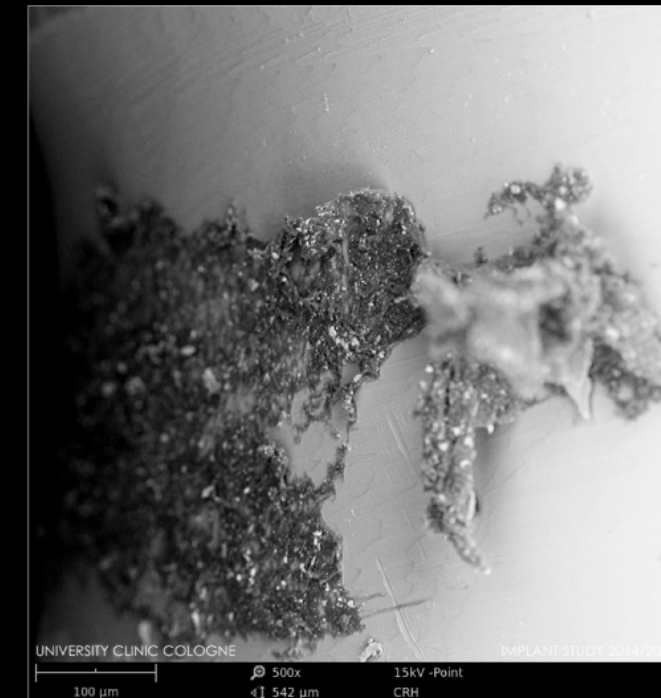
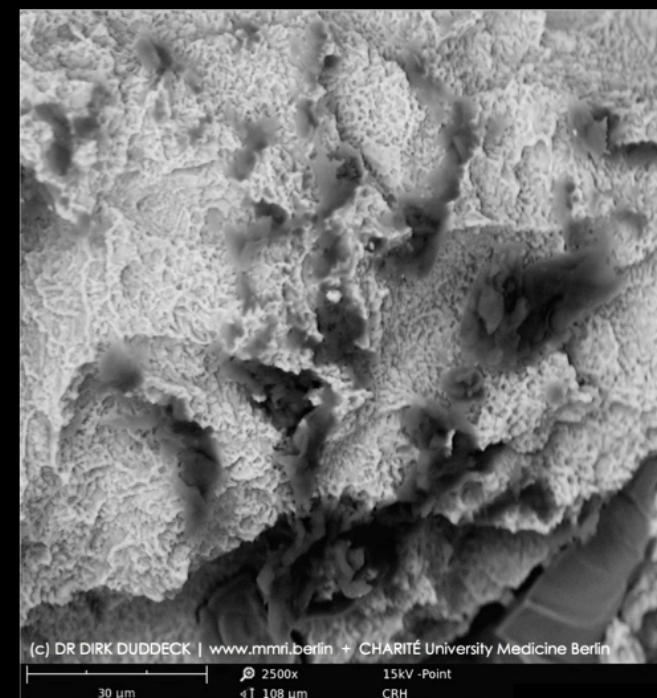
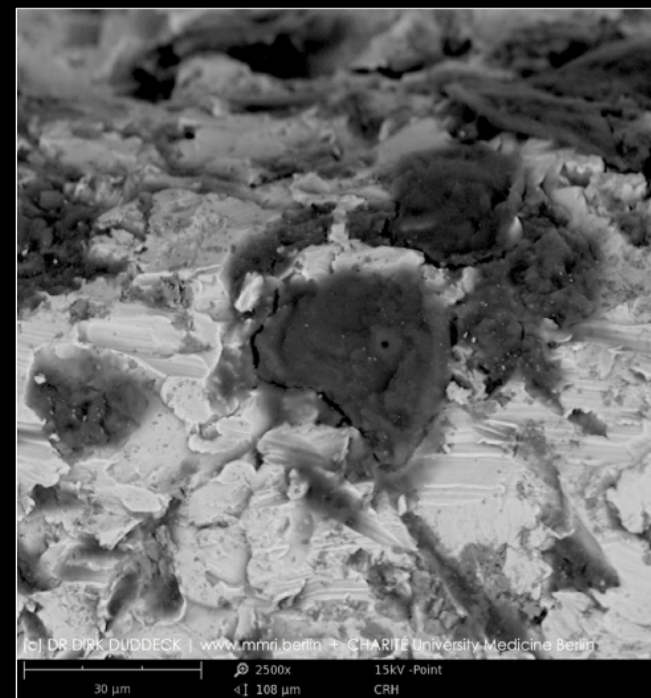
# No contamination

Contact free implant placement. Thanks to this guide, no contamination of the implant surface.

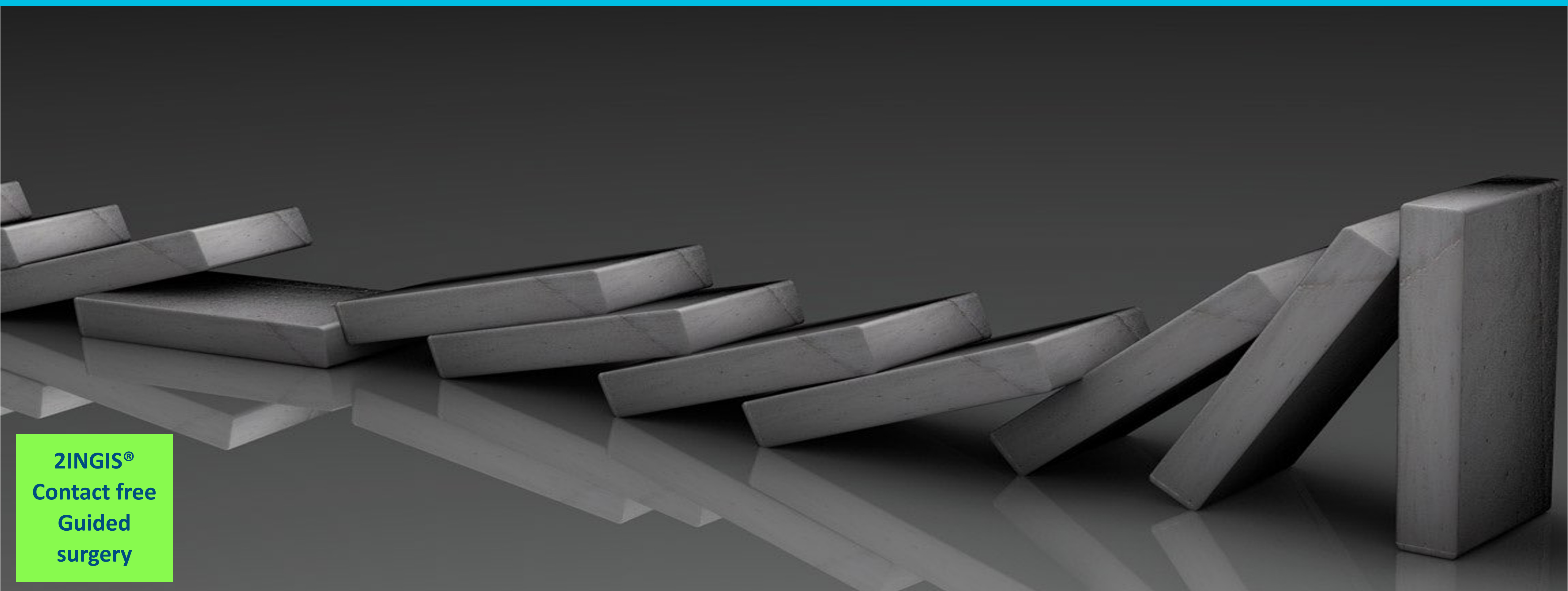


2015-2016 studies showed numerous implants without organic contaminants.

In comparison to previous studies more implants with extended organic surface contaminants were found.



# The Implant-Pollution Domino-Effect



**2INGIS®**  
Contact free  
Guided  
surgery

Impurities  
on the  
Implants

Foreign  
body  
reactions

Activation  
of  
macrophages

Osteoclasto-  
genesis

Loss of  
Cortical  
Bone

Exposure of  
rough  
Surfaces

Bacterial  
-  
Colonization

Peri-  
Implant  
Mucositis

Peri-Implant  
and implant  
Failure

# In a nutshell, 2INGIS® Guides offers:



**Full view on surgery**



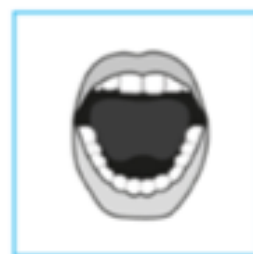
**Full irrigation on surgery**



**Full surgical freedom, incision, bone expansion, .....**



**Surgery and implant placement without contact and contamination**



**Modifications of guide height according the specific anatomic needs**

**2INGIS®**

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**Belgium**

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**+3227702780**