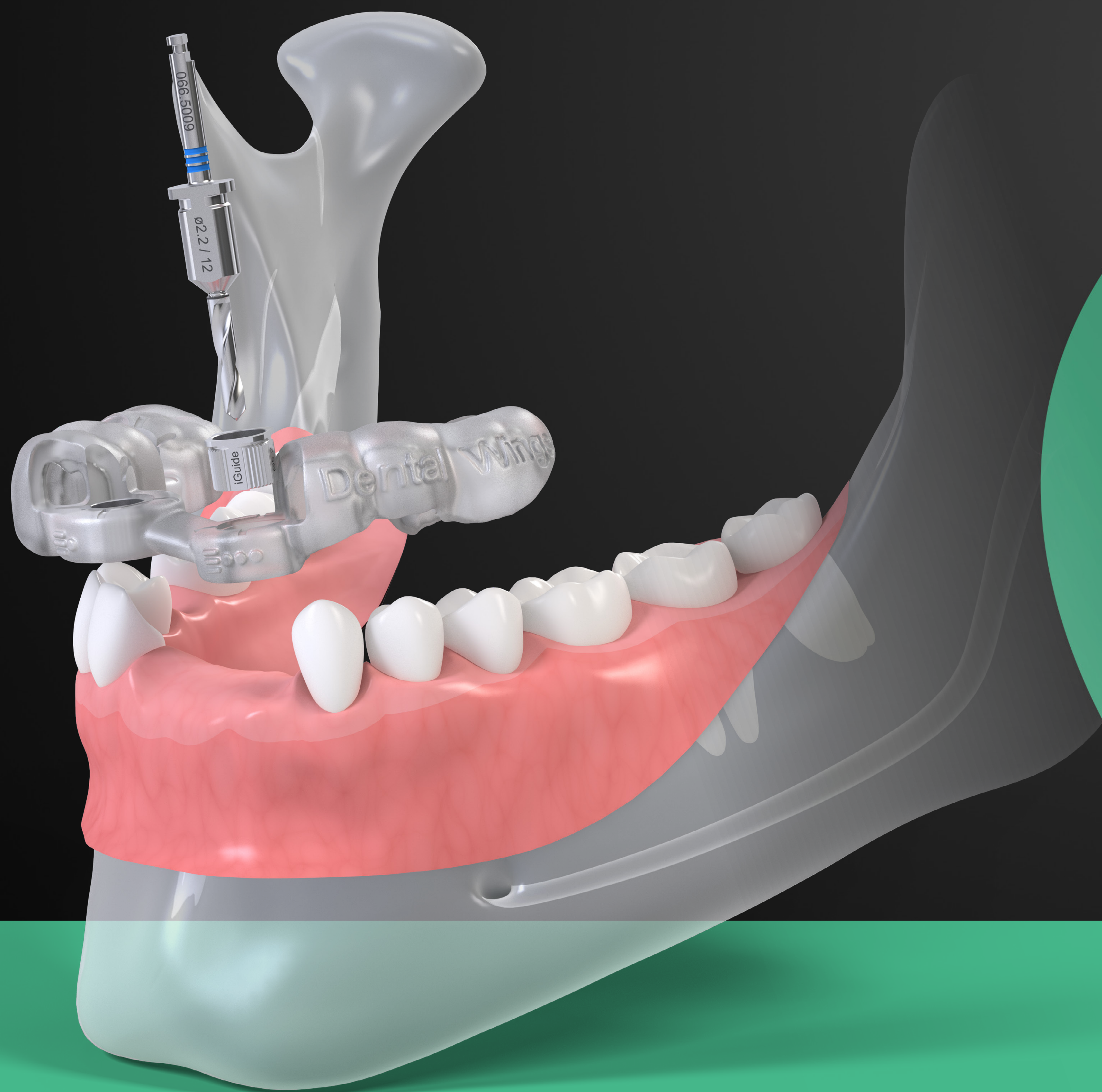


STRAUMANN iGUIDE™

Confidence through guidance for accuracy.

iEXCEL*
STRAUMANN® PERFORMANCE SYSTEM





STRAUMANN **iGUIDE™**

Confidence through guidance for accuracy.



At a glance



What's in it
for you?



Clinical & scientific
evidence



Clinical
cases



Technical
information



Summary



AT A GLANCE

Straumann iGuide™ is our static guided system for Straumann iEXCEL™ implant lines. Designed for fully guided implant bed preparation and insertion in combination with a surgical template. It follows the Straumann® surgical protocol provided by your planning software.

Simplified user experience:

- Option to seamlessly integrate to Straumann® digital workflows
- Standardizes digital surgical workflows
- Enables signature treatment concepts like Straumann StarConcept™
- No mental math required
- One hand surgery
- One kit covers wide variety of clinical scenarios



WHAT'S IN IT FOR YOU?

True clinical versatility

Simplicity you'll love

Prosthetic driven

Connected dentistry to empower excellence



WHAT'S IN IT FOR YOU?

TRUE CLINICAL **VERSATILITY**

Fully tapered (X-Design)		Apically tapered (C-Design)	
BLX	TLX	BLC	TLC



L: 6–14 mm



L: 6–14 mm



L: 6–14 mm



L: 6–14 mm

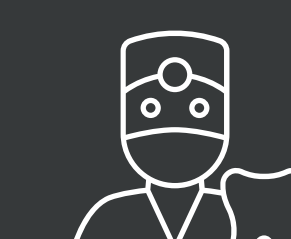
FOUR IMPLANT DESIGNS. **ONE** SYSTEM.



WHAT'S IN IT FOR YOU?

SIMPLICITY YOU'LL LOVE

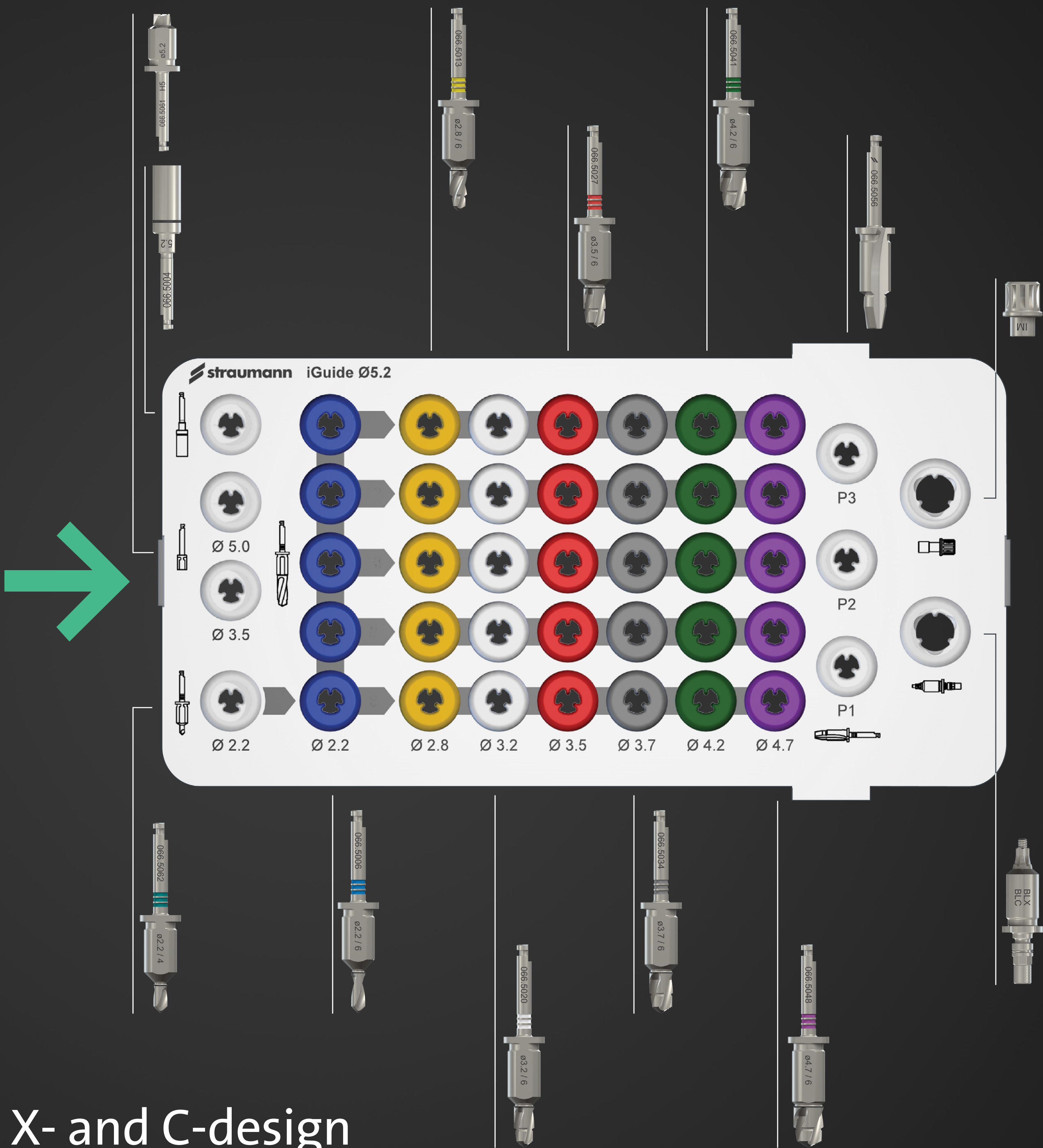
- One surgical instrument set for working with X- and C-design implants
- Instruments with physical stops with no need for handles
- One sleeve height



WHAT'S IN IT FOR YOU?

ONE INSTRUMENT SET

	Fully tapered (X-Design)		Apically tapered (C-Design)	
	BLX	TLX	BLC	TLC
Ø 3.3 mm			✓	✓
Ø 3.5 mm	✓			
Ø 3.75 mm	✓	✓	✓	✓
Ø 4.0 mm	✓			
Ø 4.5 mm	✓	✓	✓	✓
Ø 5.0 mm	✓			
Lengths	6 – 14 mm	6 – 14 mm	6 – 14 mm	6 – 14 mm
Sleeve	Ø 5.2 mm	Ø 5.2 mm	Ø 5.2 mm	Ø 5.2 mm



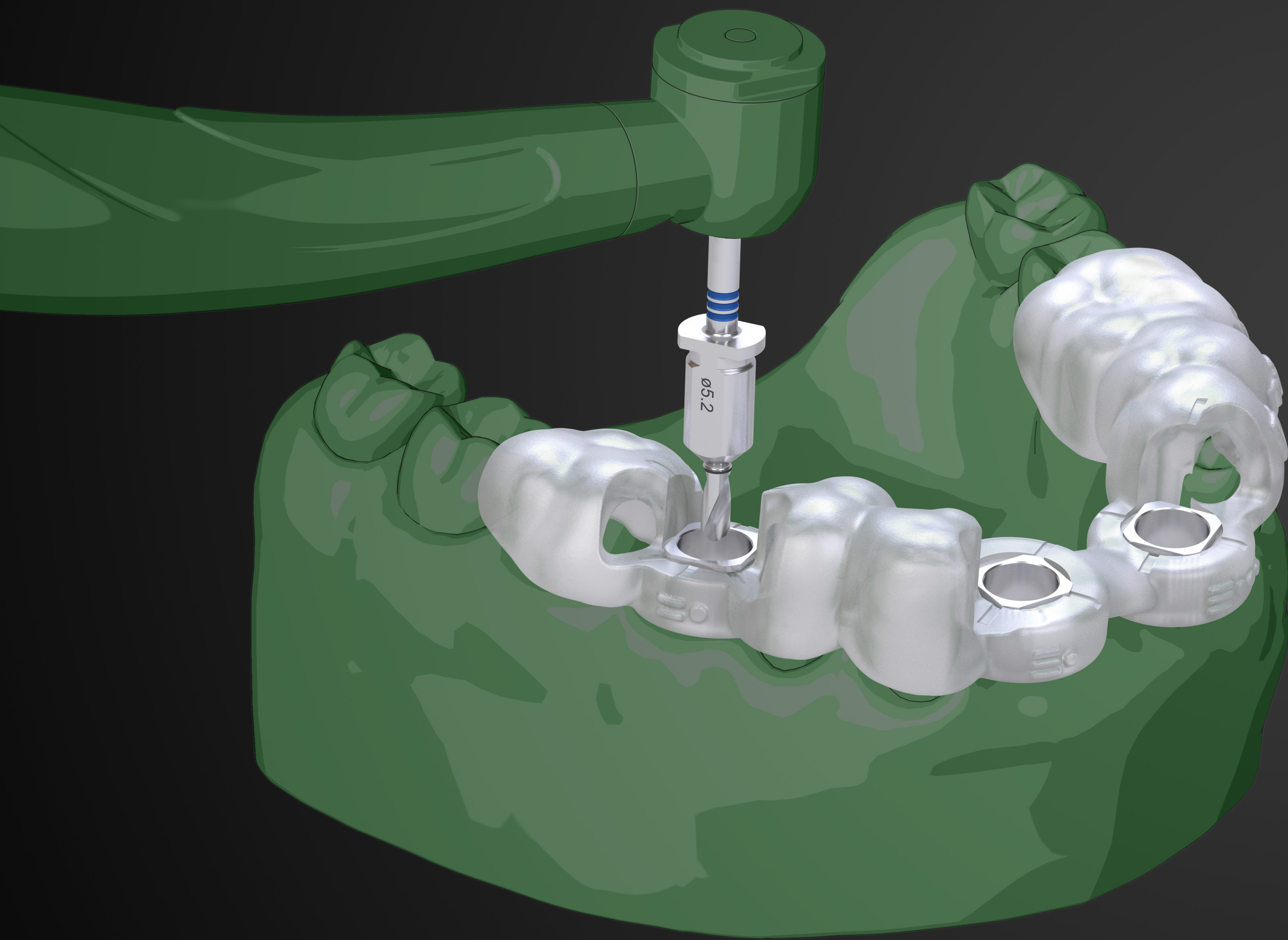
One surgical instrument set for working with X- and C-design implants covering a wide variety of indications.



WHAT'S IN IT FOR YOU?

INSTRUMENTS WITH PHYSICAL STOPS

WITH NO **ADDITIONAL** HANDLES



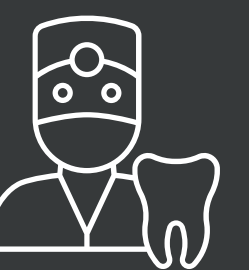
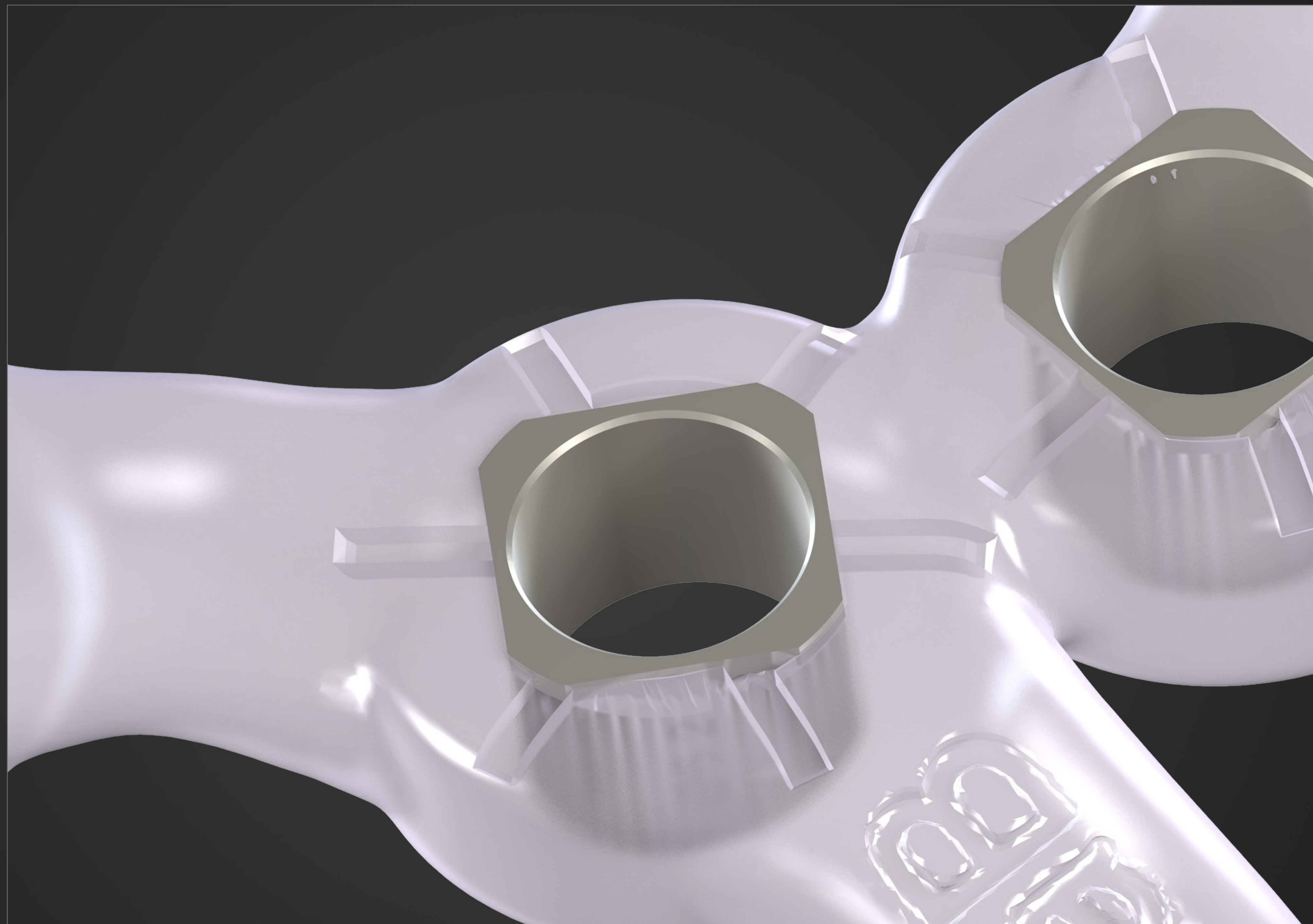
- No additional handles
- One-hand surgery
- Simplified protocol



WHAT'S IN IT FOR YOU?

ONE SLEEVE HEIGHT

- One sleeve height – H5
- Unique sleeve design
- Reduced number of decisions



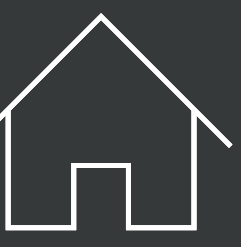
WHAT'S IN IT FOR YOU?

PROSTHETIC DRIVEN

Sleeve driven drills
for full guidance

Predictability advantage
compared to freehand

Premade temporization possibility



WHAT'S IN IT FOR YOU? CONNECTED DENTISTRY TO **EMPOWER** EXCELLENCE

Smile in a Box®

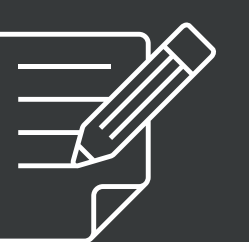
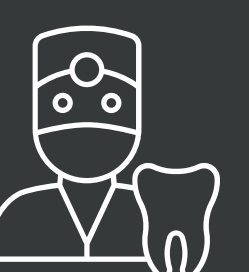
Unlock the potential of guided surgery.
One instrument tool, one connection,
one service team from planning
to treatment.

GROW YOUR BUSINESS

Develop your practice in a flexible way
and establish digital workflows without
additional investment.

BOOST EFFICIENCY

Improve your practice with immediate
protocols, all-in-one delivery and flexible
workflow where you decide what you
want to outsource, case by case.



WHAT'S IN IT FOR YOU?

FULLY **INTEGRATED** END-TO-END SOLUTIONS

Straumann iGuide™ is part of the digital ecosystem covering the entire digital workflow









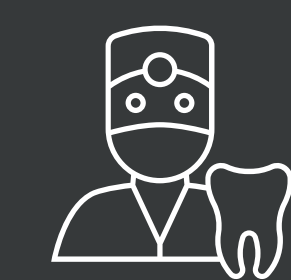








CLINICAL & SCIENTIFIC EVIDENCE



Fully guided implant surgery offers

CLINICAL & SCIENTIFIC EVIDENCE

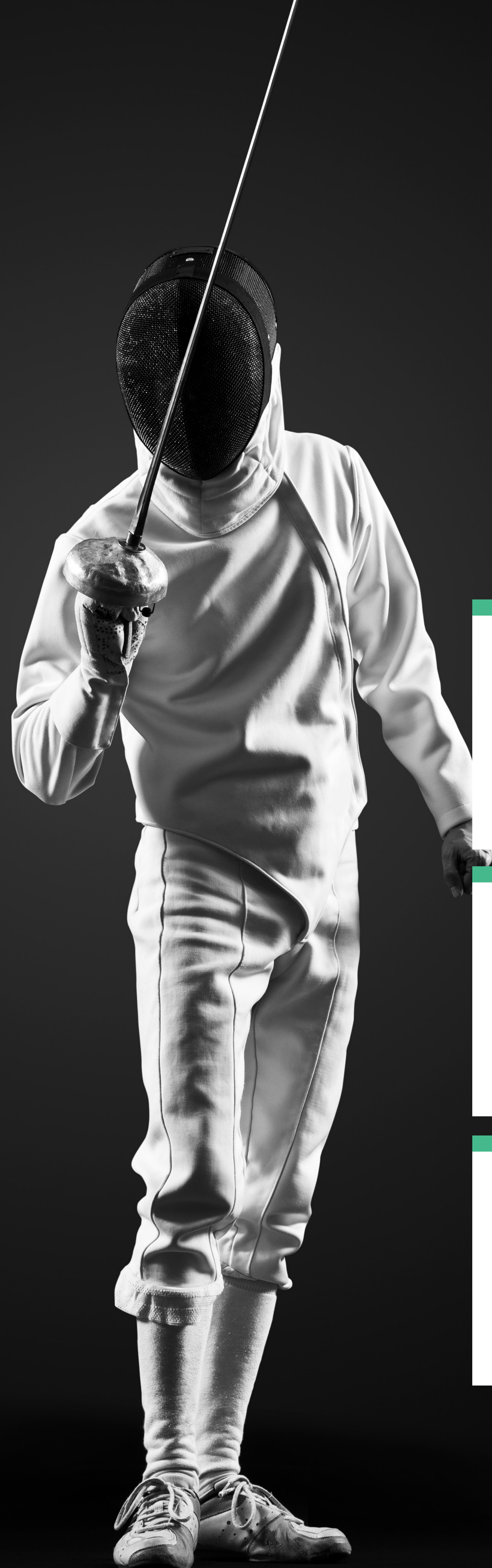
STATIC, **FULLY GUIDED** DENTAL IMPLANT SURGERY OFFERS

- Enhanced accuracy in transferring presurgical plans to the patient
Static fully guided surgery demonstrates superior accuracy in translating virtual implant planning to clinical execution, with minimal deviations in implant positioning.
- Significantly lower implant failure rates
Guided implant placement is associated with reduced failure rates compared to freehand techniques, as evidenced by multiple studies.
- Improved reproducibility and predictability
Fully guided systems enhance the reproducibility and predictability of implant placement outcomes, minimizing variability across different operators and cases.
- Consistent evidence across in vitro and clinical studies
The efficacy of static fully guided implant surgery is consistently supported by both laboratory (in vitro) and clinical (in vivo) studies, confirming its reliability across various settings.

1 Chandran KR, Goyal M, Mittal N, George JS. Accuracy of freehand versus guided immediate implant placement: a randomized controlled trial. J Dent. 2023 Sep;136:104620. Werny JG, Frank K, Fan S, Sagheb K, Al-Nawas B, Narh CT, et al. Freehand vs. computer-aided implant surgery: a systematic review and meta-analysis-part 1: accuracy of planned and placed implant position. Int J Implant Dent. 2025 May 2;11:35. **2** Smitkarn P, Subbalekha K, Mattheos N, Pimkhaokham A. The accuracy of single-tooth implants placed using fully digital-guided surgery and freehand implant surgery. J Clin Periodontol. 2019 Sep;46(9):949-957. **3** Tahmaseb A, Wu V, Wismeijer D, Coucke W, Evans C. The accuracy of static computer-aided implant surgery: a systematic review and meta-analysis. Clin Oral Implants Res. 2018 Oct;29 Suppl 16:416-435. **4** Abdelhay N, Prasad S, Prasad Gibson M. Failure rates associated with guided versus non-guided dental implant placement: a systematic review and meta-analysis. BDJ Open. 2021;7:31. **5** Younis H, Lv C, Xu B, Zhou H, Du L, Liao L, et al. Accuracy of dynamic navigation compared to static surgical guides and the freehand approach in implant placement: a prospective clinical study. Head Face Med. 2024;20:30. **6** Khaohoen A, Powcharoen W, Sornsuwan T, Chaijareenont P, Rungsiyakull C, Rungsiyakull P. Accuracy of implant placement with computer-aided static, dynamic, and robot-assisted surgery: a systematic review and meta-analysis of clinical trials. BMC Oral Health. 2024 Mar 21;24:359. **7** Dioguardi M, Spirito F, Quarta C, Sovereto D, Basile E, Ballini A, et al. Guided dental implant surgery: systematic review. J Clin Med. 2023 Feb 13;12(4):1490. **8** Tattan M, Chambrone L, González-Martín O, Avila-Ortiz G. Static computer-aided, partially guided, and free-handed implant placement: a systematic review and meta-analysis of randomized controlled trials. Clin Oral Implants Res. 2020 Oct;31(10):889-916. **9** Kang S, Hou Y, Cao J, Li S, Xue P, Jiang Y. Comparison of implantation accuracy among different navigated approaches: a systematic review and network meta-analysis. Int J Oral Maxillofac Implants. 2024 Jun;39(3):455-467.



CLINICAL CASES



Dr. Christian Jarry and Dr. Dalton Marques

Bilateral posterior implants with Straumann iGuide™
and Straumann iEXCEL™

Dr. Christian Jarry and Dr. Dalton Marques

Immediate tooth replacement with Straumann iGuide™,
Falcon and Straumann iEXCEL™ in the esthetic zone.

Dr. Christian Jarry and Dr. Dalton Marques

Digital full-arch with Straumann iGuide™
and Straumann iEXCEL™



CLINICAL CASE: BILATERAL POSTERIOR IMPLANTS WITH STRAUMANN iGUIDE™ AND iEXCEL

DR. CHRISTIAN JARRY AND DR. DALTON MARQUES

A 36-year-old male patient, with a good general health and oral condition. Due to a fracture, the endodontically treated tooth #36 could not be saved and extraction was indicated.

After extraction an immediate implant (Straumann BLC™ Roxolid® SLActive® 4.5x10mm) was guided placed with the new Straumann iGuide™ System. The gaps between implant and surrounding walls were grafted with Cerabone® Plus. On the same day, a second site (#46) with a missing tooth received a dental implant (Straumann BLX™ Roxolid® SLActive® 4.5x10mm).

The surgery was also done with Straumann iGuide™. Both sites followed the Straumann® Anatomic Healing Abutment (AHA) workflow, and two Anatomic Healing Abutments (AHA) were placed onto the implants for immediate soft tissue conditioning and to, at a later stage, enable the capture of implant position and gingival emergence profile in a single scanning step increasing efficiency while minimizing soft tissue interventions.

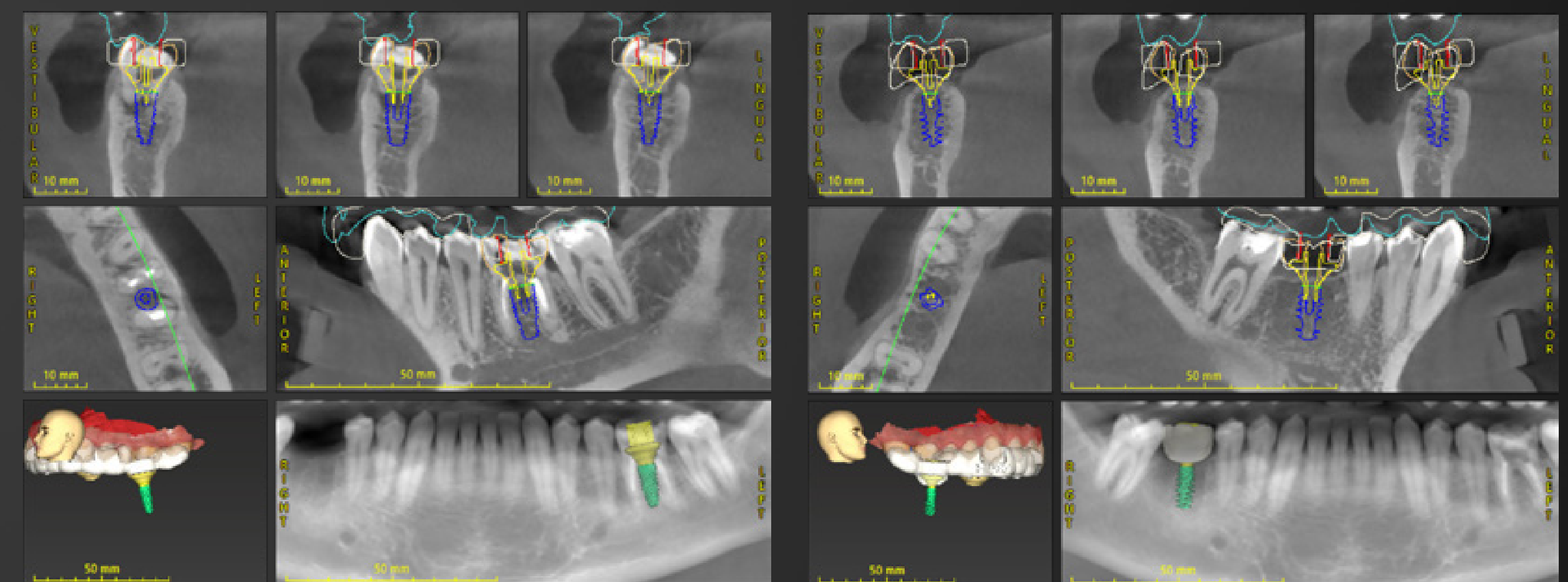


Patient portraits.

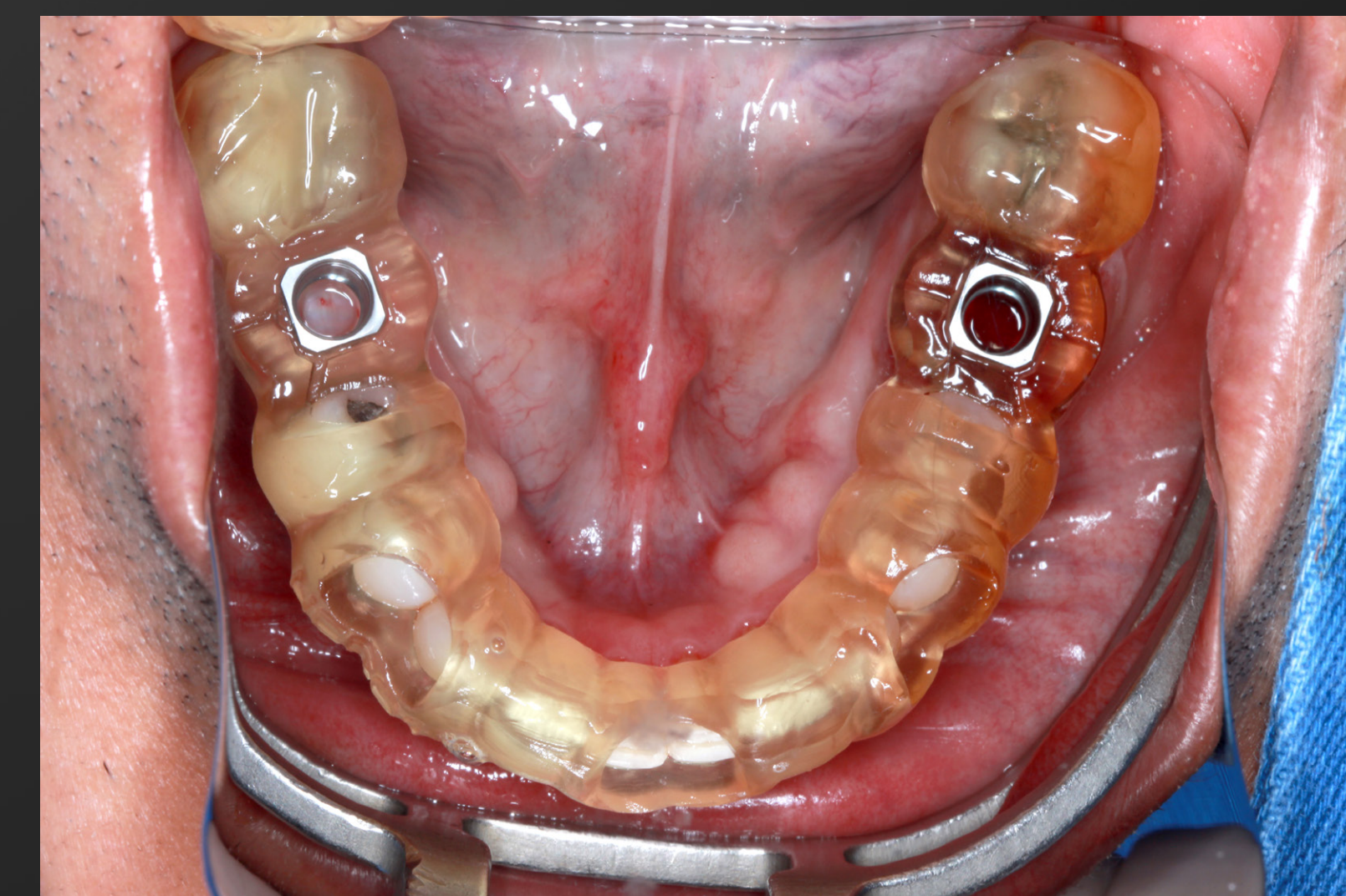
Straumann iGuide™



Initial intraoral condition.



coDiagnostiX® planning and guide design for implants on teeth #36 and #46 respectively.

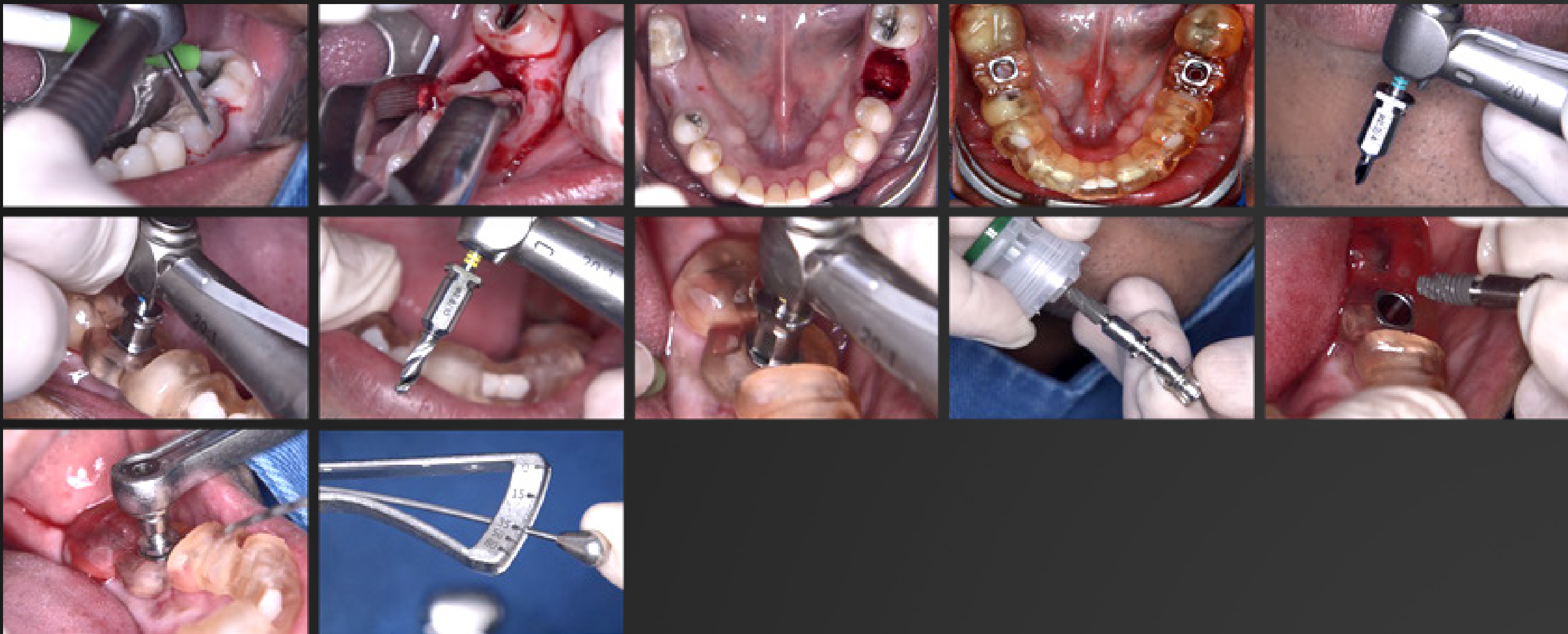


Straumann iGuide™ surgical template fitting on lower arch.

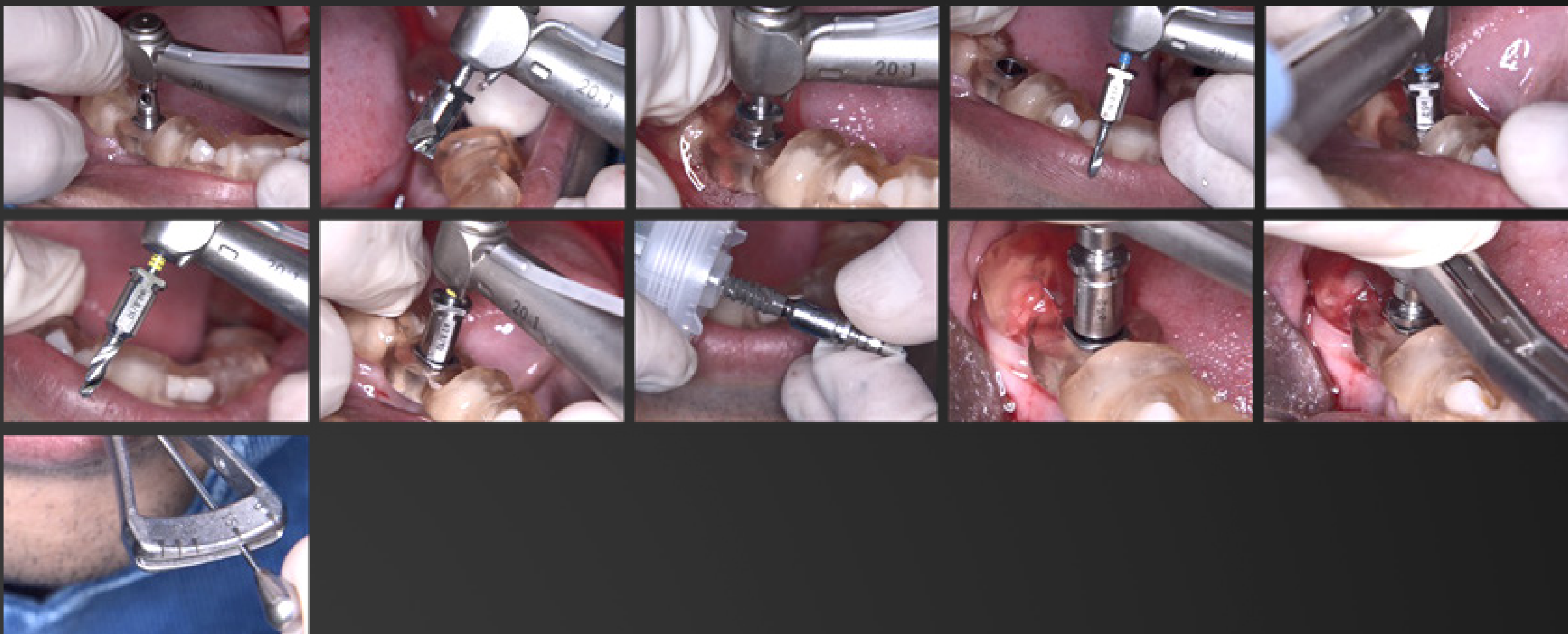


CLINICAL CASE: BILATERAL POSTERIOR IMPLANTS WITH STRAUMANN iGUIDE™ AND iEXCEL

DR. CHRISTIAN JARRY AND DR. DALTON MARQUES



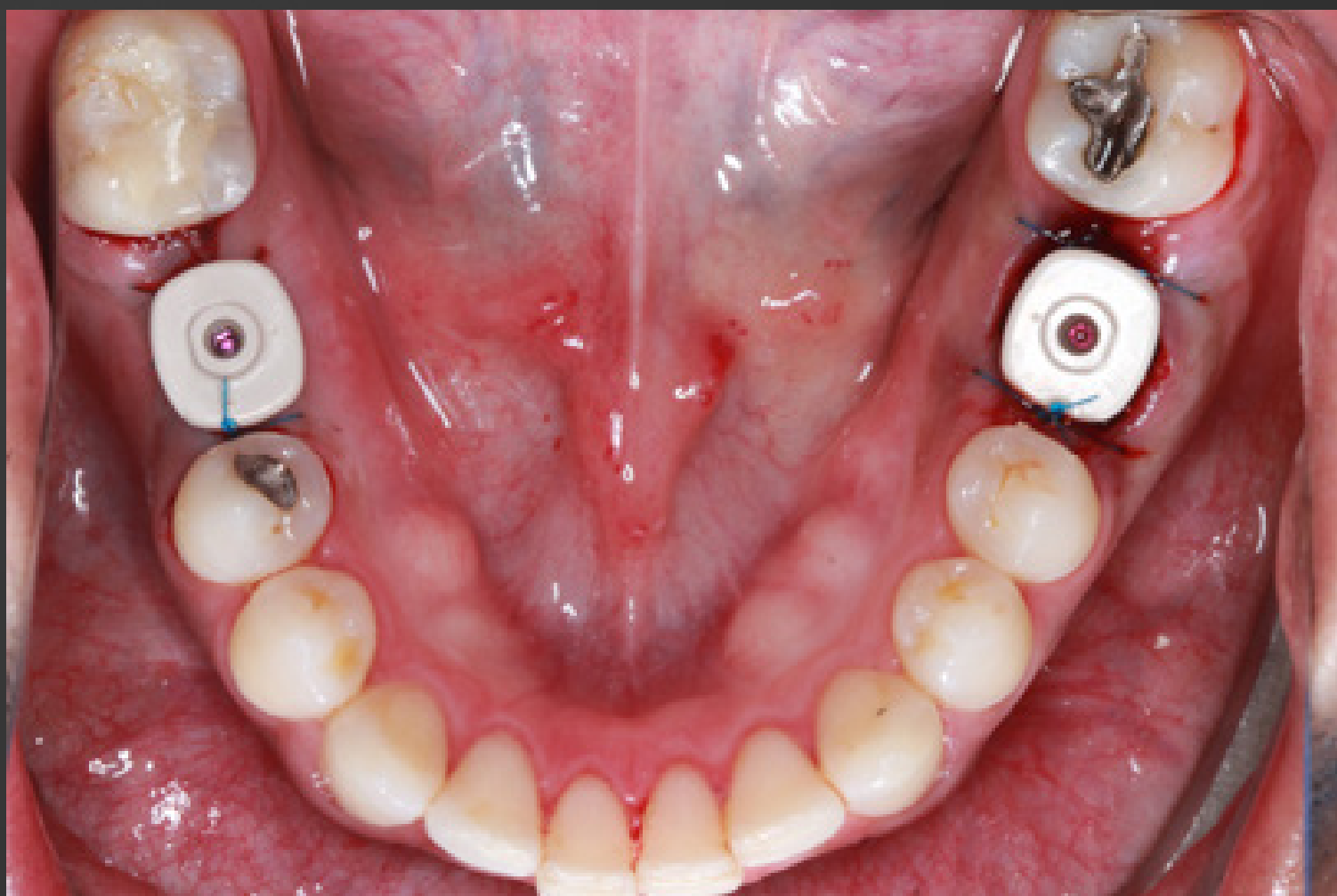
Implant placement sequence on tooth #36.



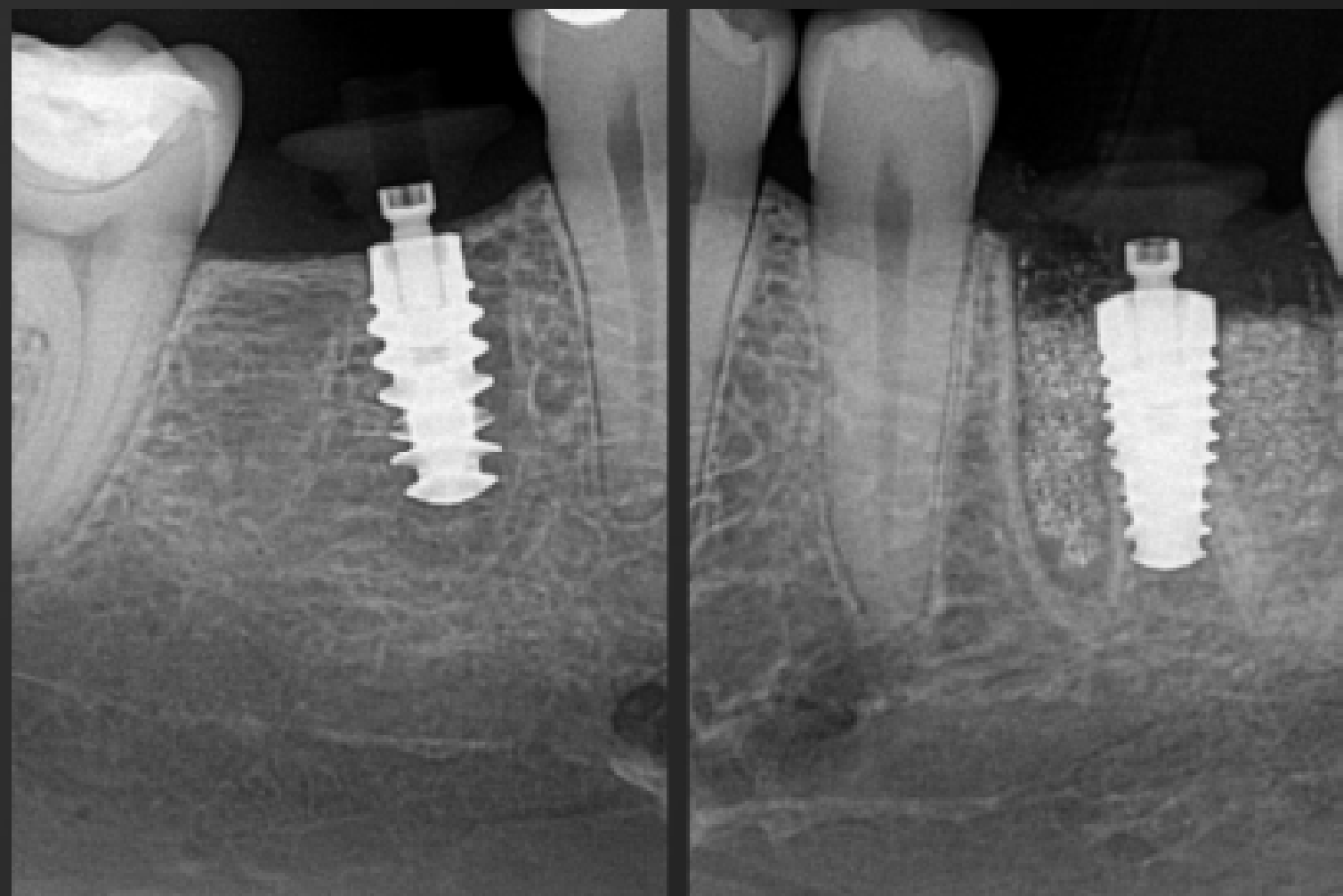
Implant placement sequence on tooth #46.



Straumann® Anatomic Healing Abutment placement sequence on teeth #36 and #46.



Final surgical outcome with Straumann® AHA in place.



Post-surgical radiographs of teeth #46 and #36 respectively.

Solutions involved: Straumann SIRIOS™, Straumann AXS™, coDiagnostiX®, Smile in a Box®, Straumann iGuide™, Cerabone® Plus, Straumann iEXCEL™, Straumann® Anatomic Healing Abutment (AHA).
Tooth 36: Straumann BLC™ Roxolid® SLActive® (Guided immediate implant placement).
Tooth 46: Straumann BLX™ Roxolid® SLActive® (Guided implant placement in healed site).



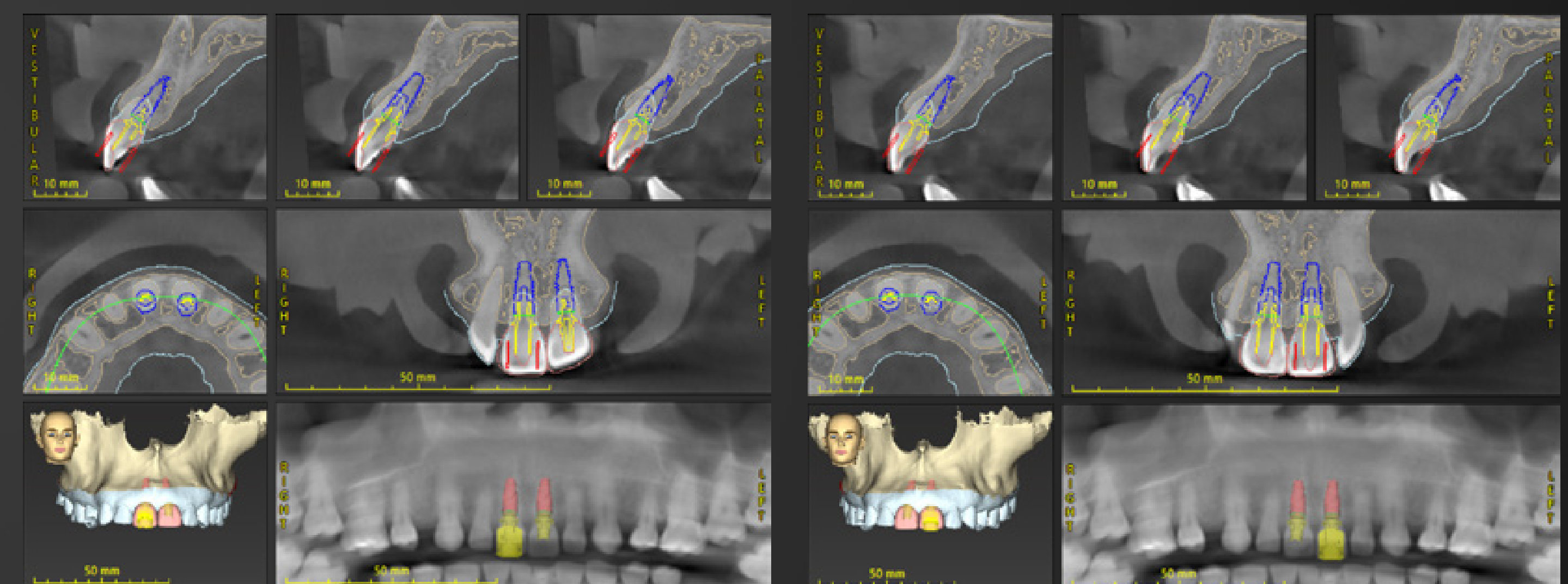
CLINICAL CASE: IMMEDIATE TOOTH REPLACEMENT WITH STRAUMANN iGUIDE™, STRAUMANN FALCON™ AND STRAUMANN iEXCEL™ IN THE ESTHETIC ZONE

DR. CHRISTIAN JARRY AND DR. DALTON MARQUES

A 56-year-old female patient, with a good general health and oral condition. Presented with root external resorption on teeth #11 and #21 after orthodontic treatment, and root fracture on endodontically treated tooth #31. Extractions were performed, and immediate implants were placed with the new Straumann iGuide™ System in the upper teeth. In the lower tooth, due to very narrow interdental space, Dynamic Navigation with the Straumann Falcon™ System was used. Two immediate implants (Straumann BLC™ Roxolid® SLActive® 3.75x10mm) were placed in the upper segment (#11 and #21), while in the lower site (#31) an immediate implant (Straumann BLT™ Roxolid® SLActive® 2.9x10mm) was placed. All sites received PMMA provisional crowns that were planned and manufactured by Smile in a Box® to provide immediate esthetics.



Initial intraoral condition.



coDiagnostiX® planning and guide design.



Patient portraits.

Straumann iGuide™

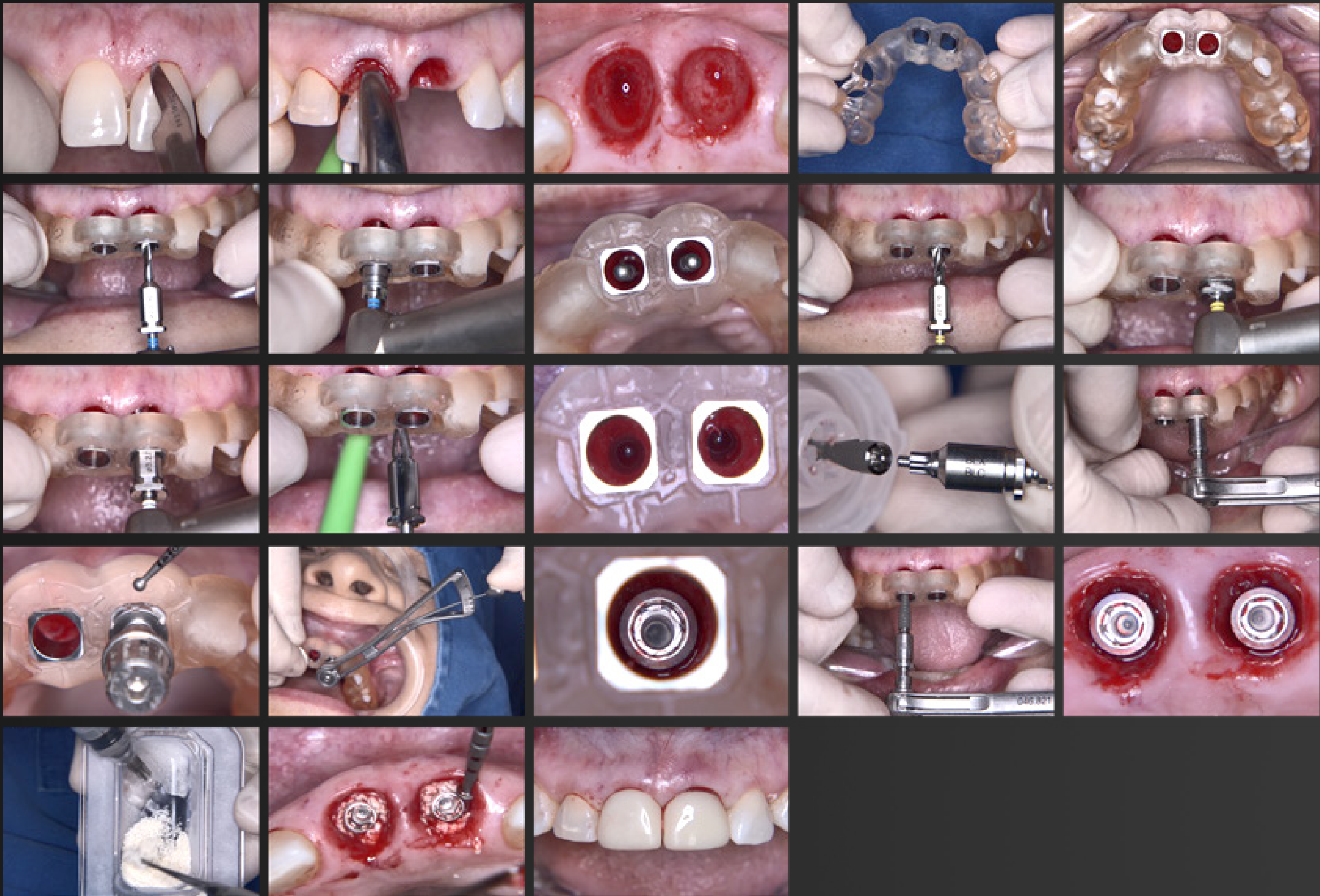


coDiagnostiX® planning and guide design.

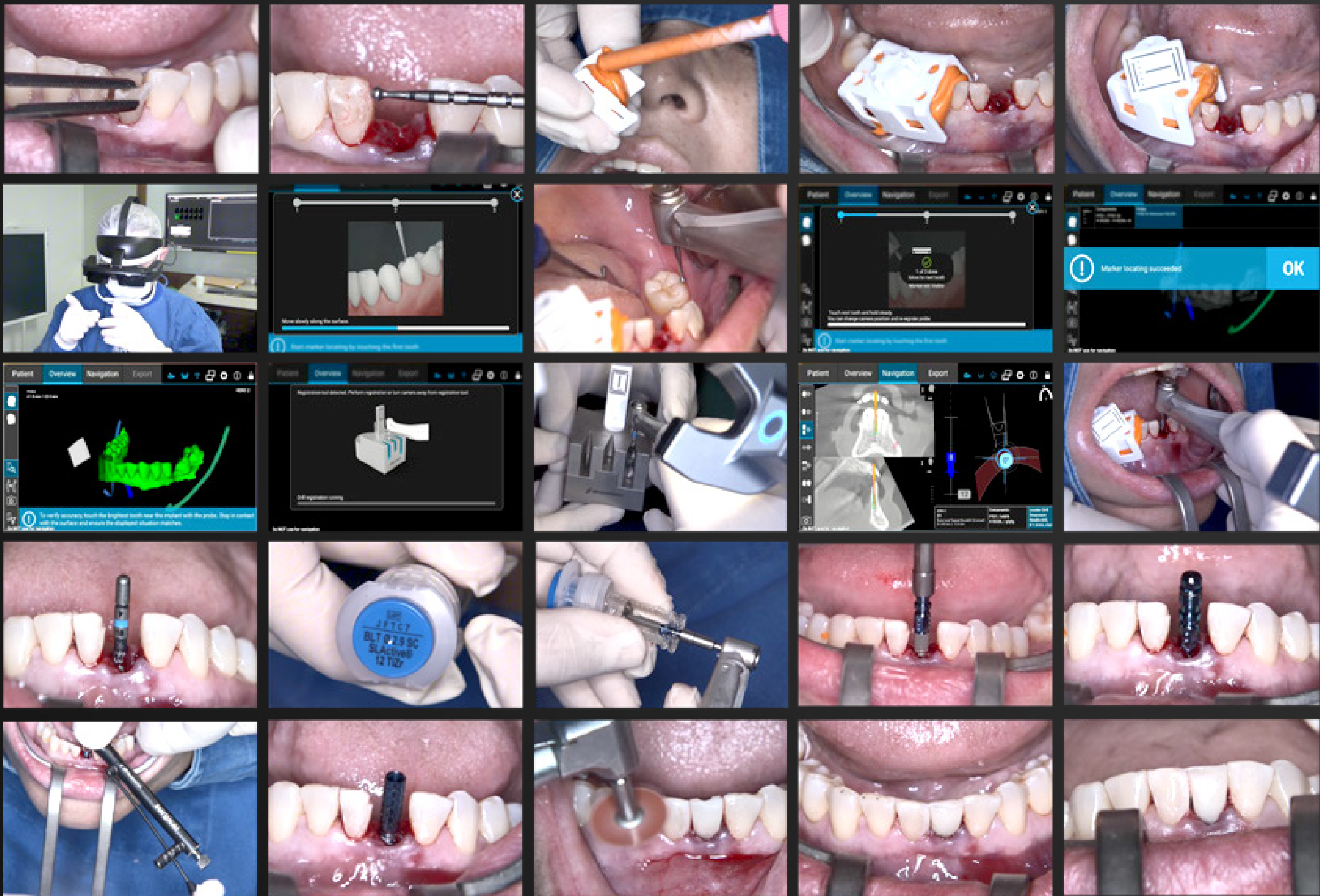


CLINICAL CASE: IMMEDIATE TOOTH REPLACEMENT WITH STRAUMANN iGUIDE™, STRAUMANN FALCON™ AND STRAUMANN iEXCEL™ IN THE ESTHETIC ZONE

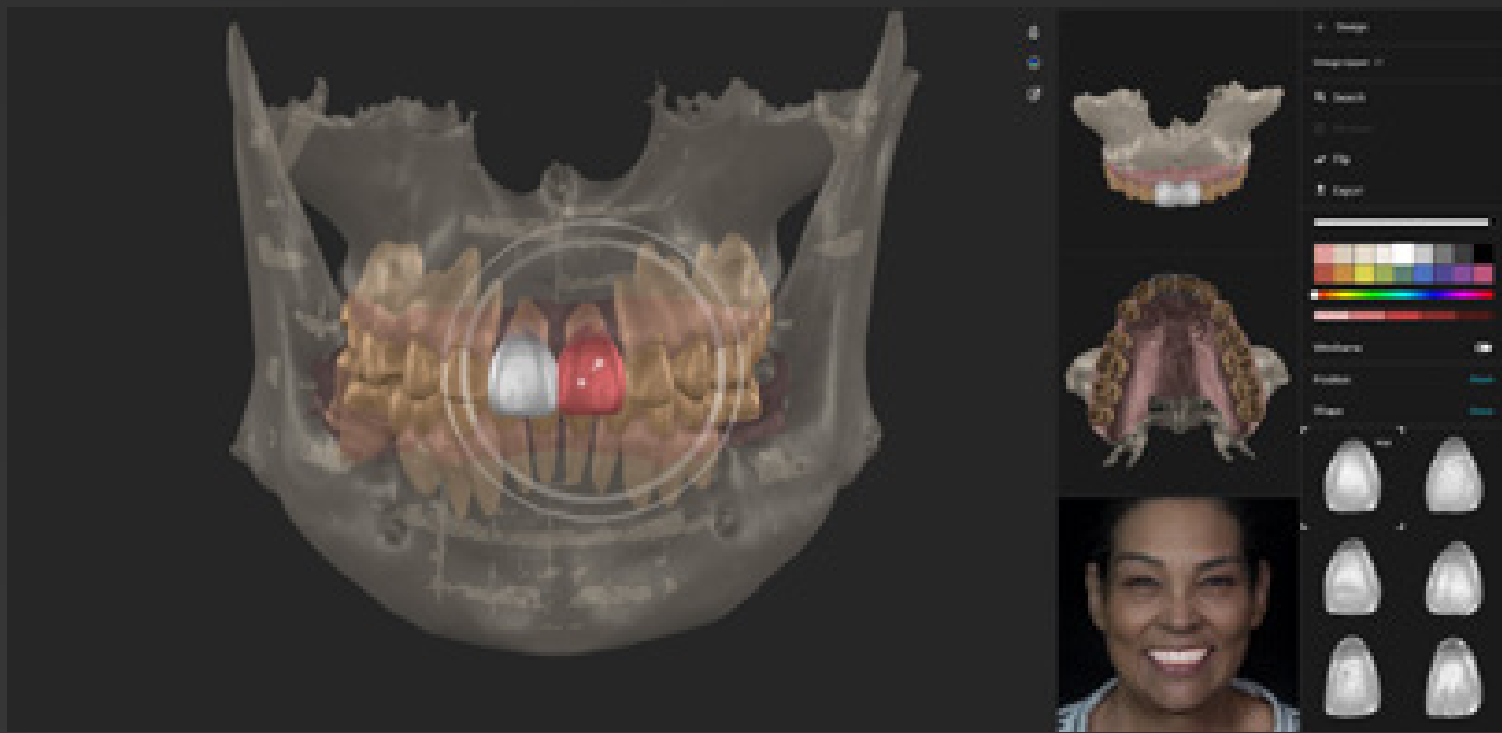
DR. CHRISTIAN JARRY AND DR. DALTON MARQUES



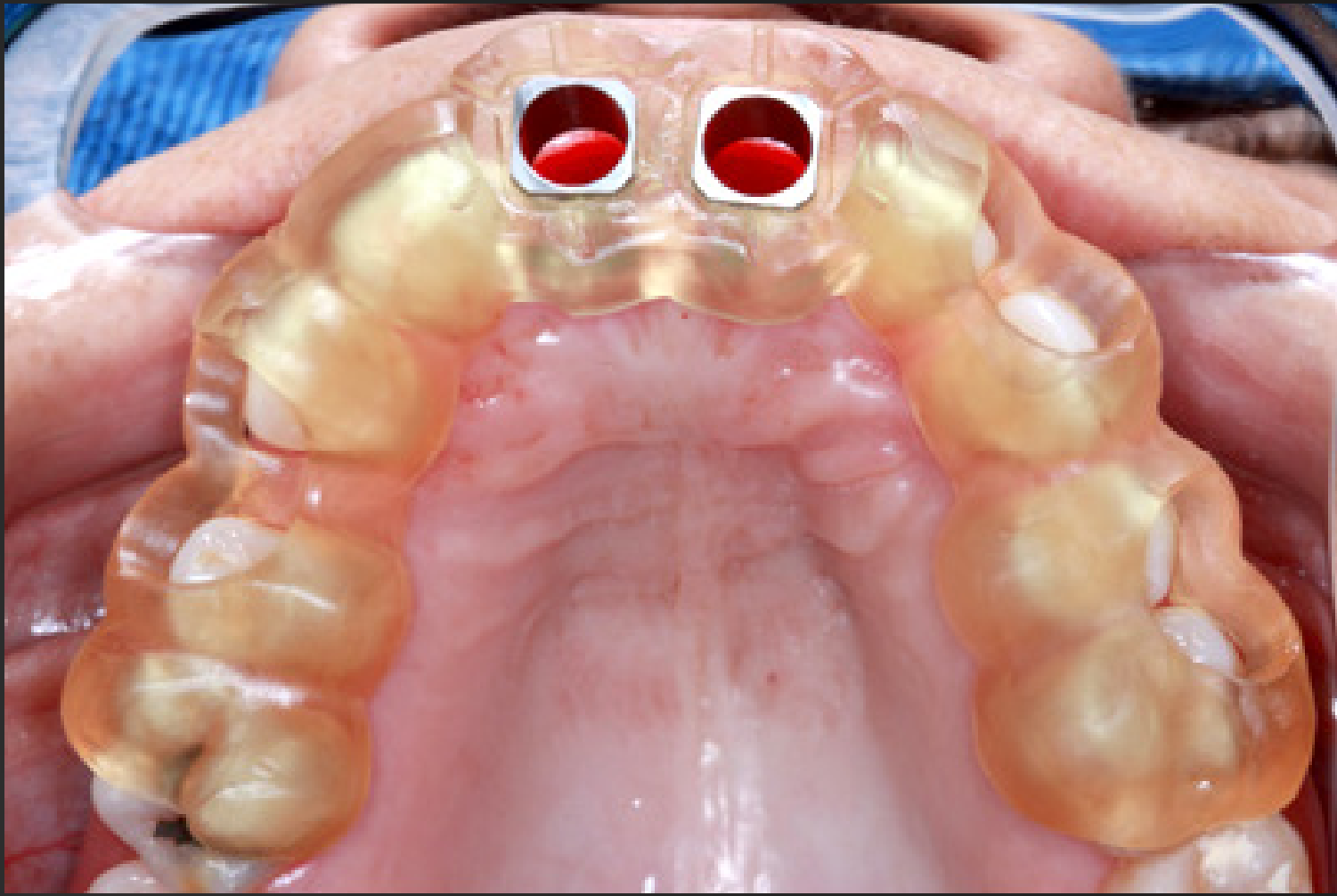
Implant placement sequence on teeth #11 and #21.



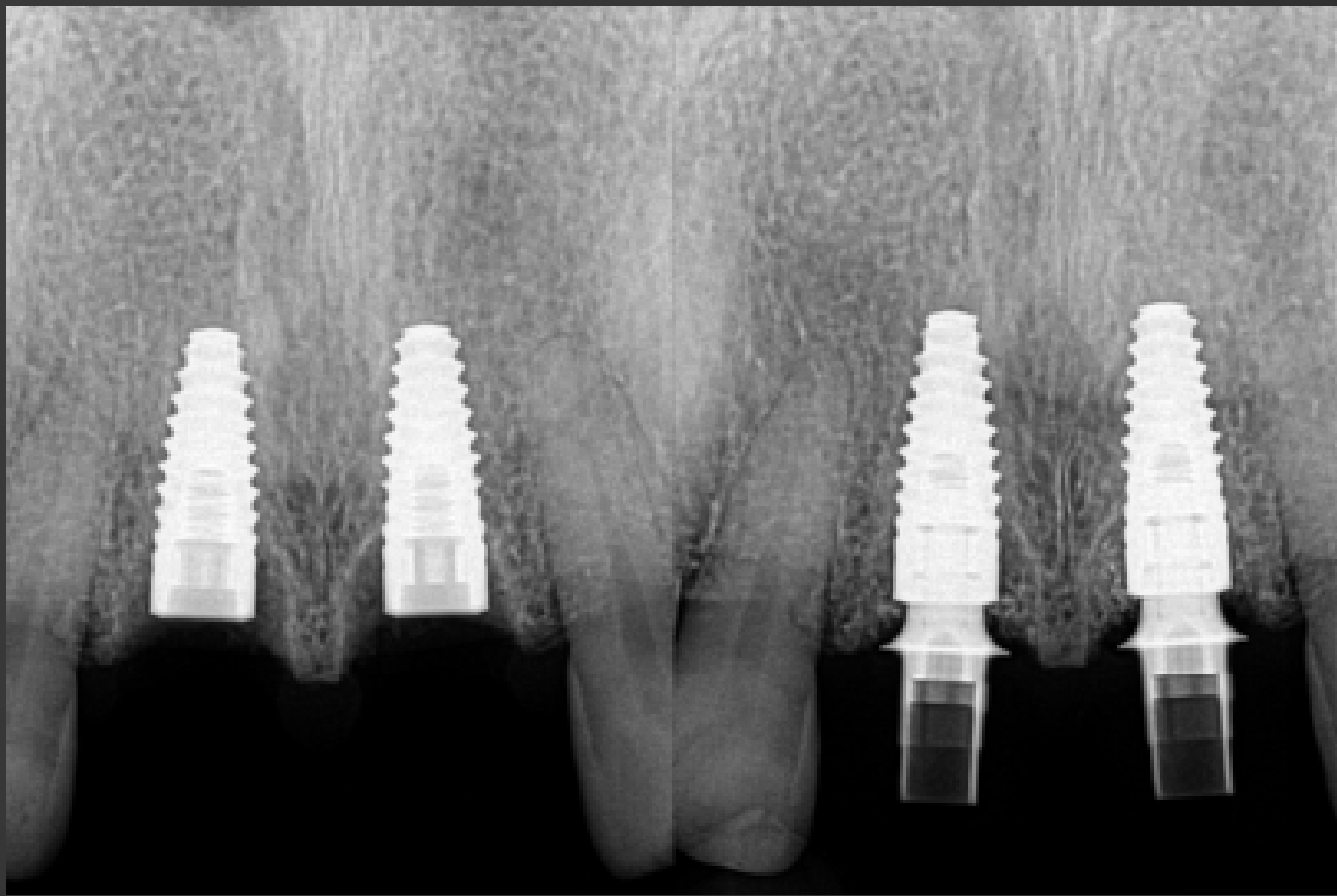
Straumann Falcon™ surgery sequence of tooth #31.



Smilecloud planning for crown design.



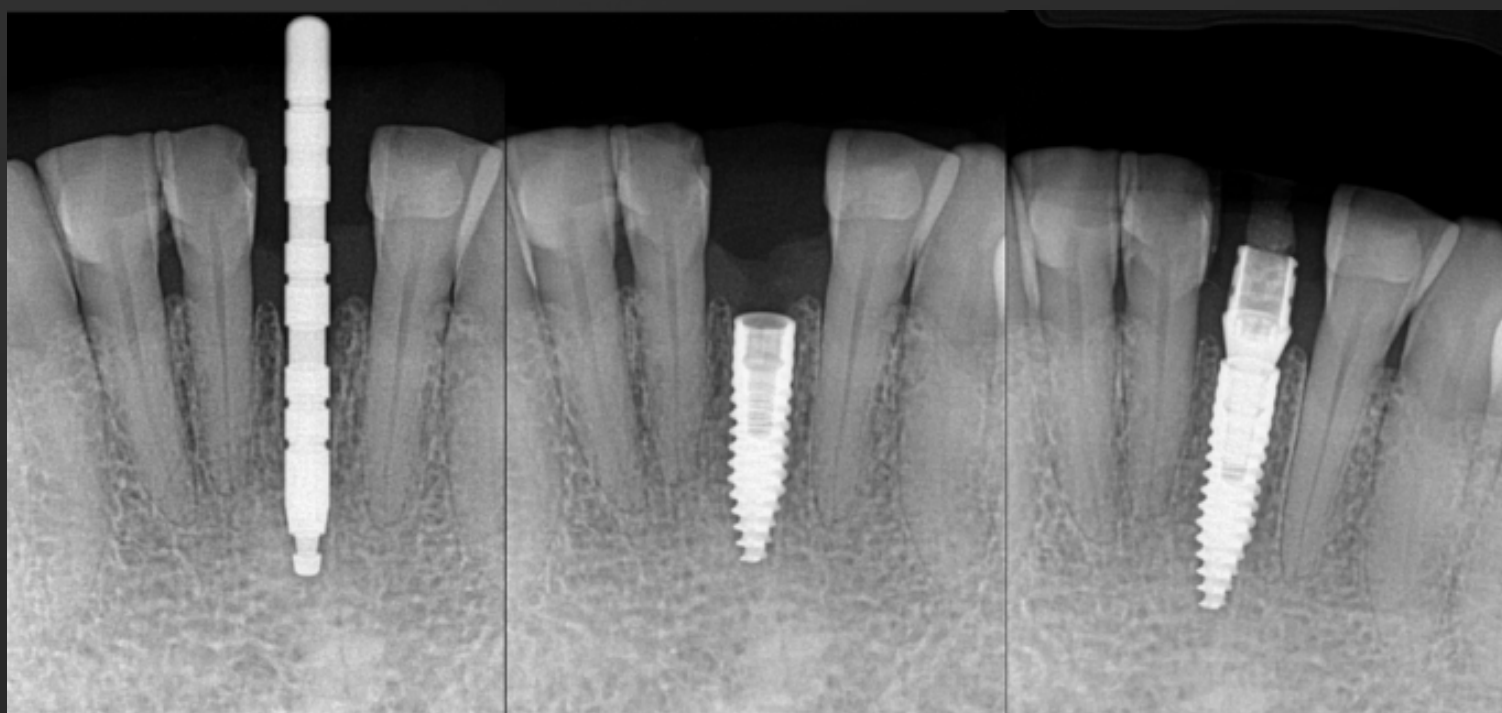
Straumann iGuide™ proper fitting on upper arch.



Post-surgical radiographs of teeth #11 and #21.



Provisional in place



Post-surgical radiographs of tooth #31.



Provisional installed on tooth #31.

Straumann iGuide™

Solutions involved: Straumann SIRIOS™, Straumann AXS™, Smilecloud, CoDiagnostiX®, Smile in a Box®, Straumann iGuide™, Falcon and Straumann iEXCEL™.
 Tooth 11: Straumann BLC™ Roxolid® SLActive® (immediate guided). Tooth 21: Straumann BLC™ Roxolid® SLActive® (immediate guided).
 Tooth 31: Straumann BLT™ Roxolid® SLActive® (immediate with Falcon).



CLINICAL CASE: DIGITAL FULL ARCH WITH STRAUMANN iGUIDE™ AND STRAUMANN iEXCEL™

DR. CHRISTIAN JARRY AND DR. DALTON MARQUES

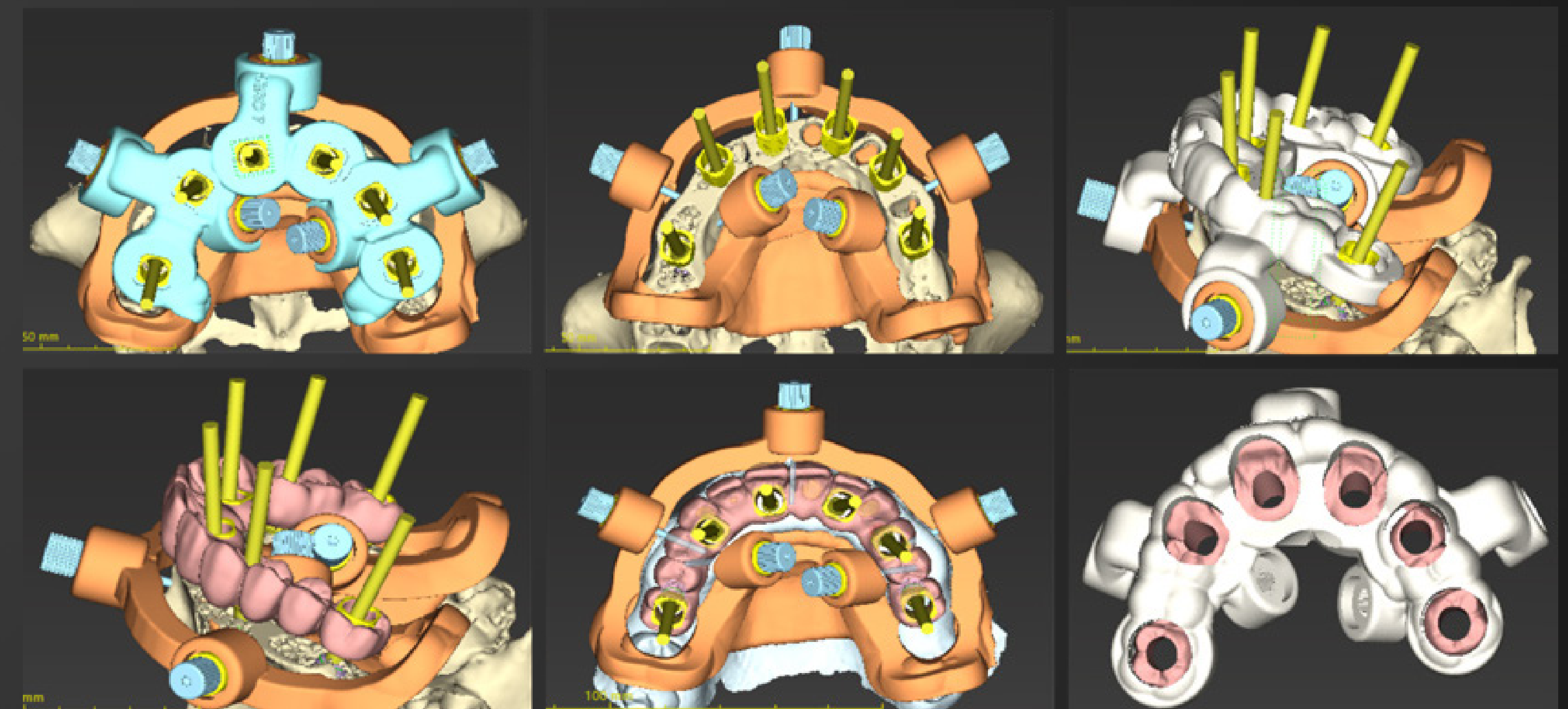
A 43-year-old female patient, with a poor oral health condition, presenting hopeless dentition with several caries, endodontically treated residual roots and apical lesions. Extraction of upper teeth was performed, followed by immediate placement of 6 implants (Straumann iEXCEL™, Straumann BLC™ and BLX™ Roxolid® SLActive®) using the new Straumann iGuide™ System with stackable design. An immediate PMMA provisional designed and milled by Smile in a Box® was then placed onto the implants to provide immediate aesthetic and function after surgery.



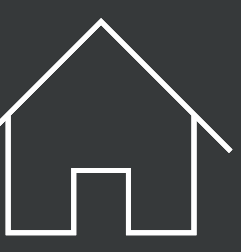
Patient portraits.



Initial intraoral condition.



coDiagnostics® planning and guide design.



CLINICAL CASE: DIGITAL FULL ARCH WITH STRAUMANN iGUIDE™ AND STRAUMANN iEXCEL™

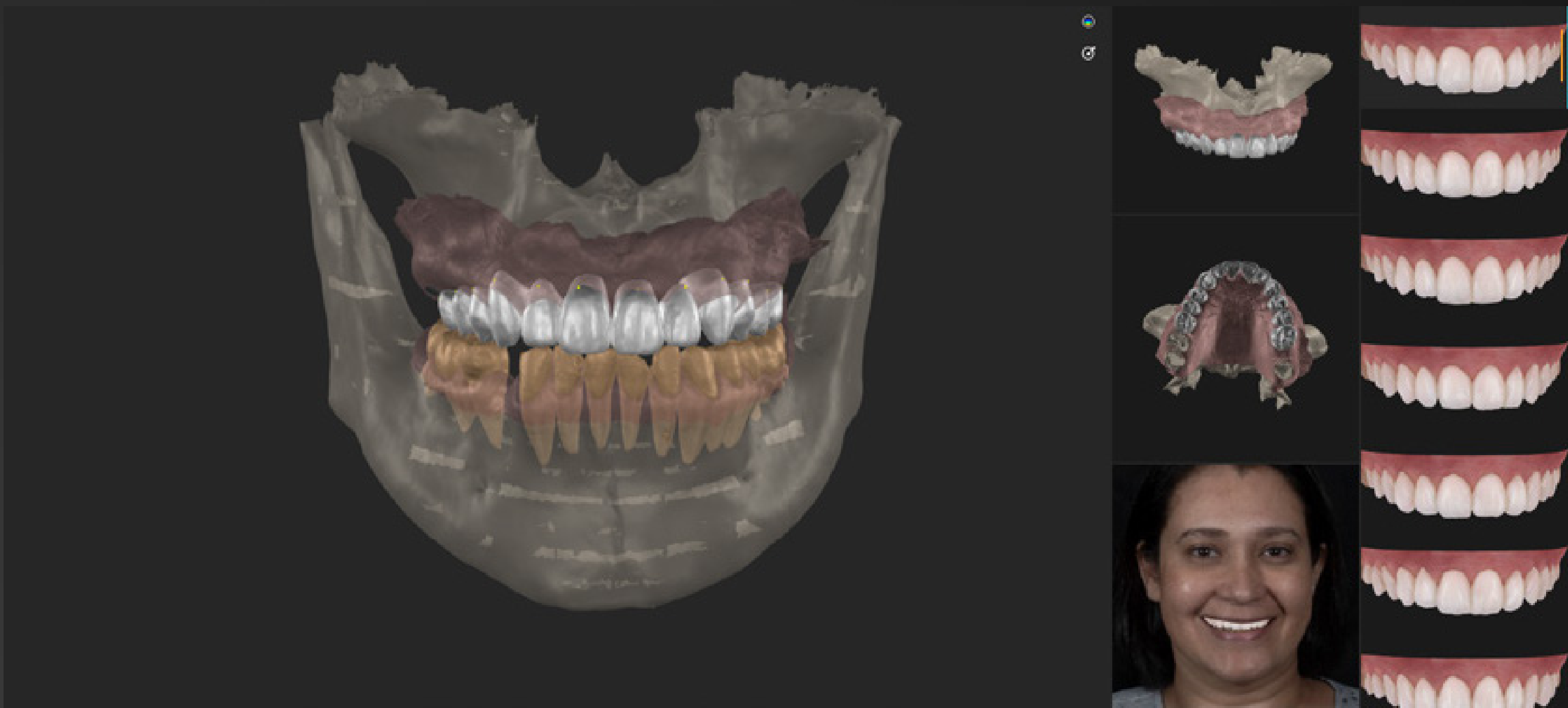
DR. CHRISTIAN JARRY AND DR. DALTON MARQUES



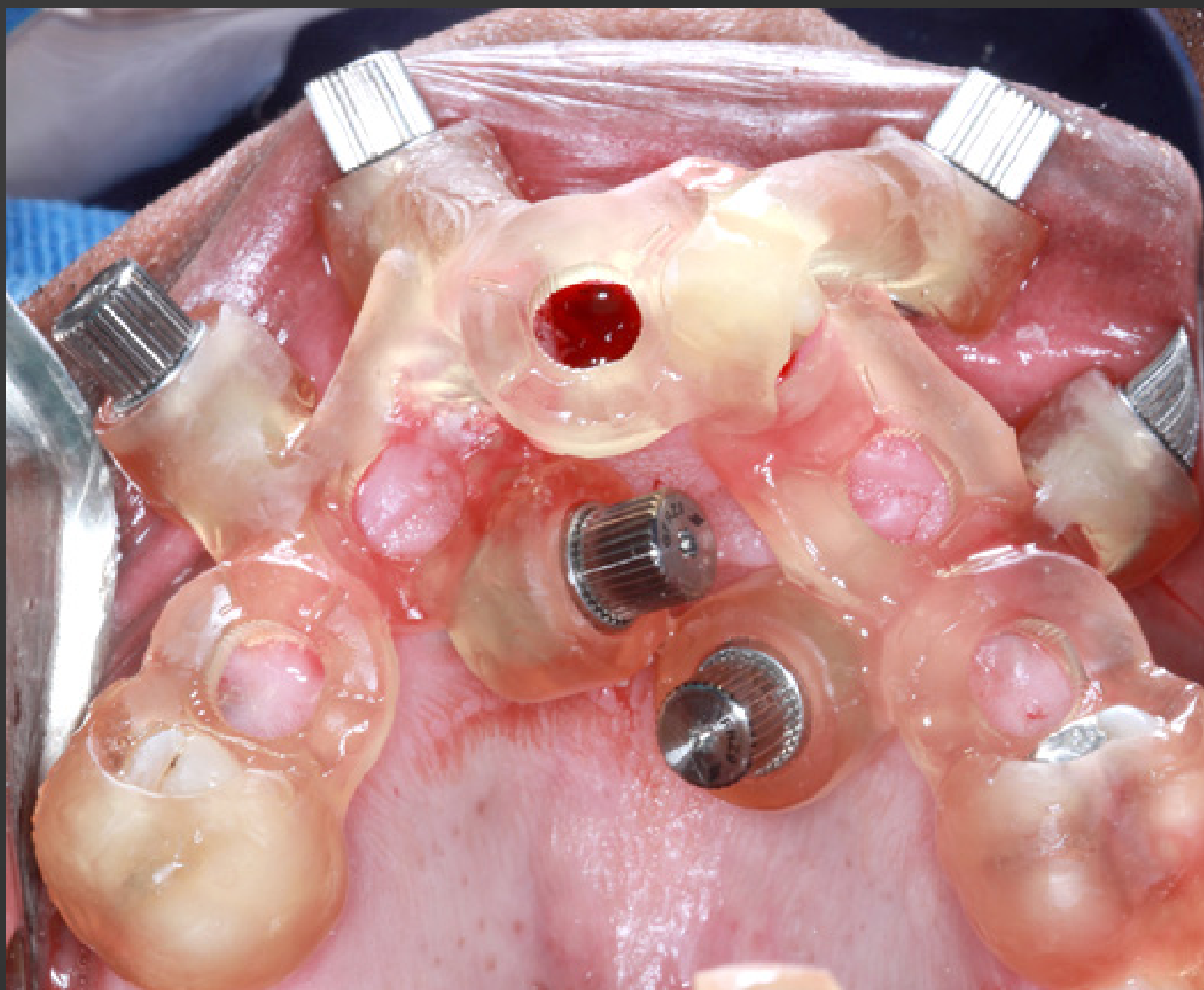
Figs 10: Implant placement sequence on upper arch.

Solutions involved: Straumann SIRIOS™, Straumann AXS™, Simlecloud, coDiagnostiX®, Smile in a Box®, Straumann iGuide™, Cerabone® Plus, Straumann iEXCEL™, Straumann® EXACT™ and Straumann UNIQ™
Teeth position #11, #13, #24: Straumann BLC™ Roxolid® SLActive® implants (3.75x10mm).
Teeth position #22: Straumann BLC™ Roxolid® SLActive® (3.30x10mm).
Teeth position #16 and #26: Straumann BLX™ Roxolid® SLActive® implants (5x6mm).

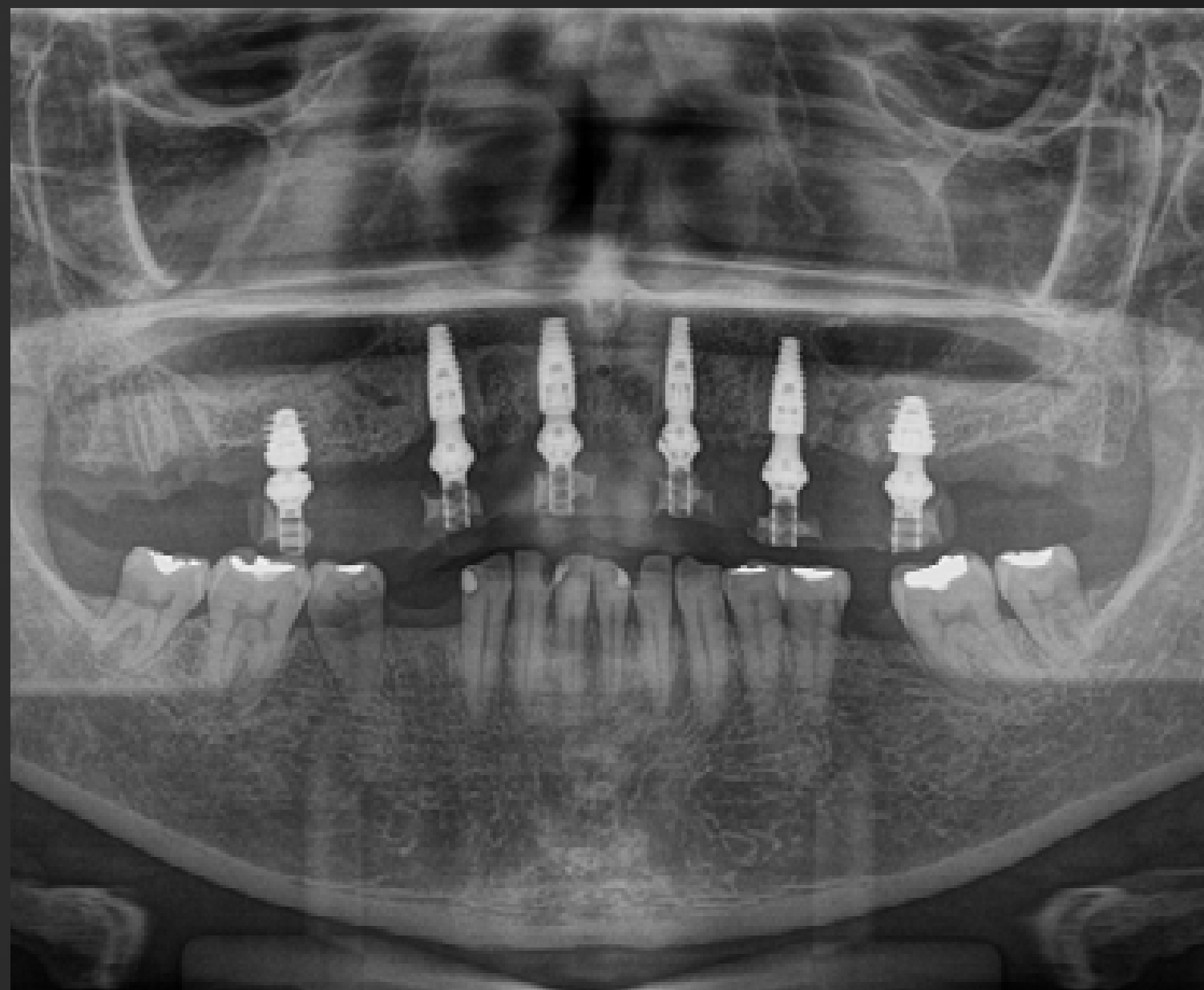
Straumann iGuide™



Smilecloud planning for provisional design.



Straumann iGuide™ proper fitting on upper arch.



Straumann iGuide™ proper fitting on upper arch.



Provisionals immediate installed



TECHNICAL INFORMATION



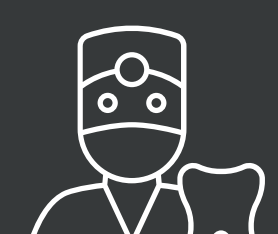
Cassette

Sleeves

Pins

Implant drivers

Drills



TECHNICAL INFORMATION

AN INTUITIVE LAYOUT



iGuide™
Milling Cutter
066.5061
066.5005



iGuide™ Mucosa
Punch
066.5004



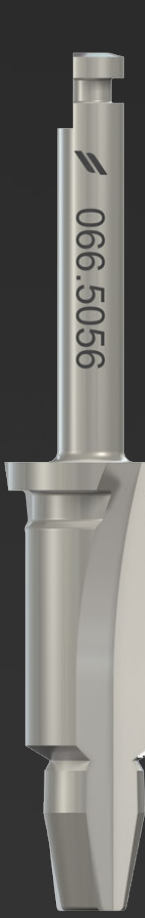
iGuide™
Drill Ø 2.8
066.5013
066.5014
066.5015
066.5016
066.5017



iGuide™
Drill Ø 3.5
066.5027
066.5028
066.5029
066.5030
066.5031



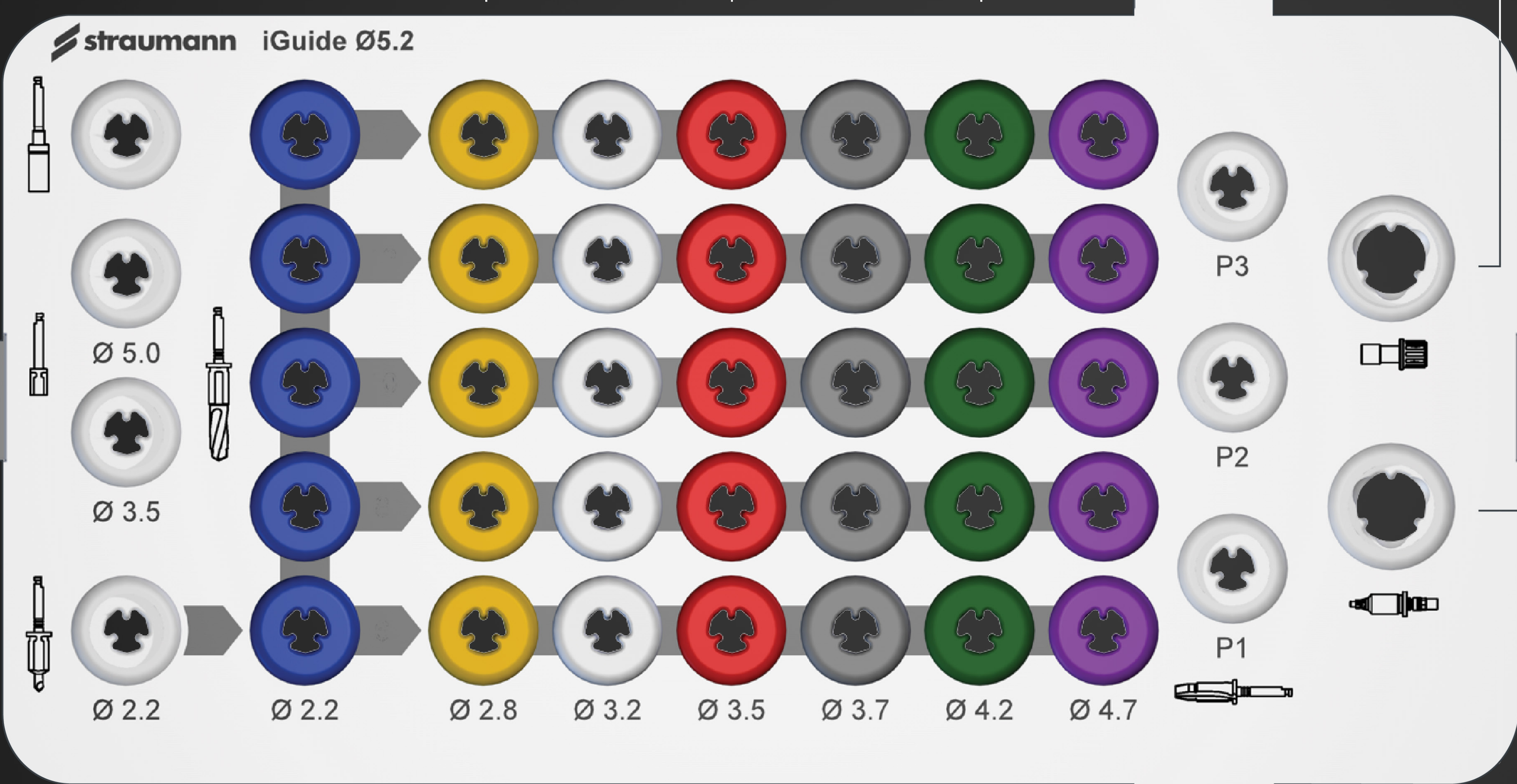
iGuide™
Drill Ø 4.2
066.5041
066.5042
066.5043
066.5044
066.5045



iGuide™
Prof. Drill
066.5056
066.5057
066.5058



Adapter for
Ratchet
046.460



iGuide™
Implant
Driver
066.5058



iGuide™ Drill
Ø 2.2, L4
066.5062



iGuide™ Drill
Ø 2.2
066.5006
066.5007
066.5008
066.5009
066.5010



iGuide™ Drill
Ø 3.2
066.5020
066.5021
066.5022
066.5023
066.5024



iGuide™ Drill
Ø 3.7
066.5034
066.5035
066.5036
066.5037
066.5038

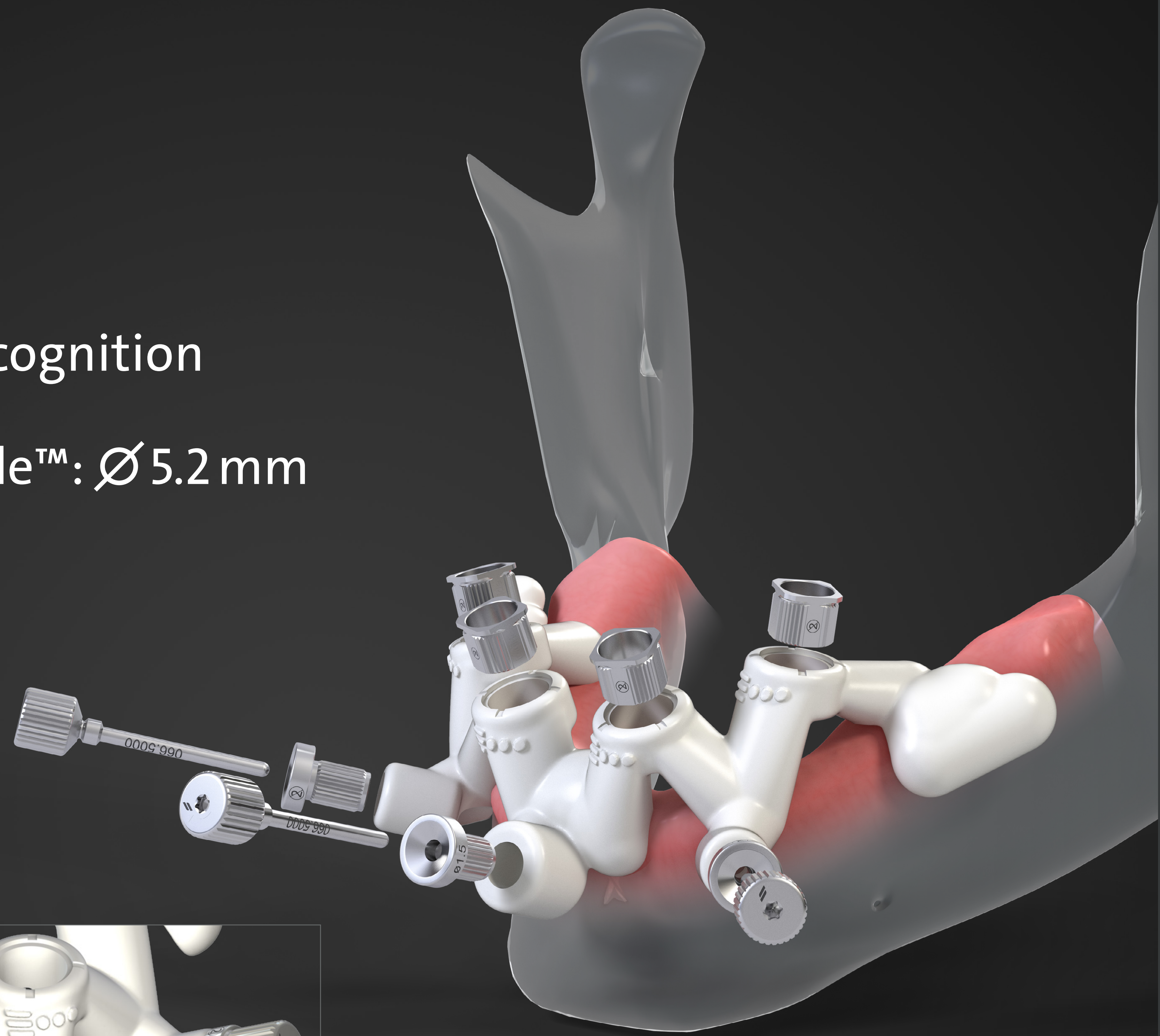
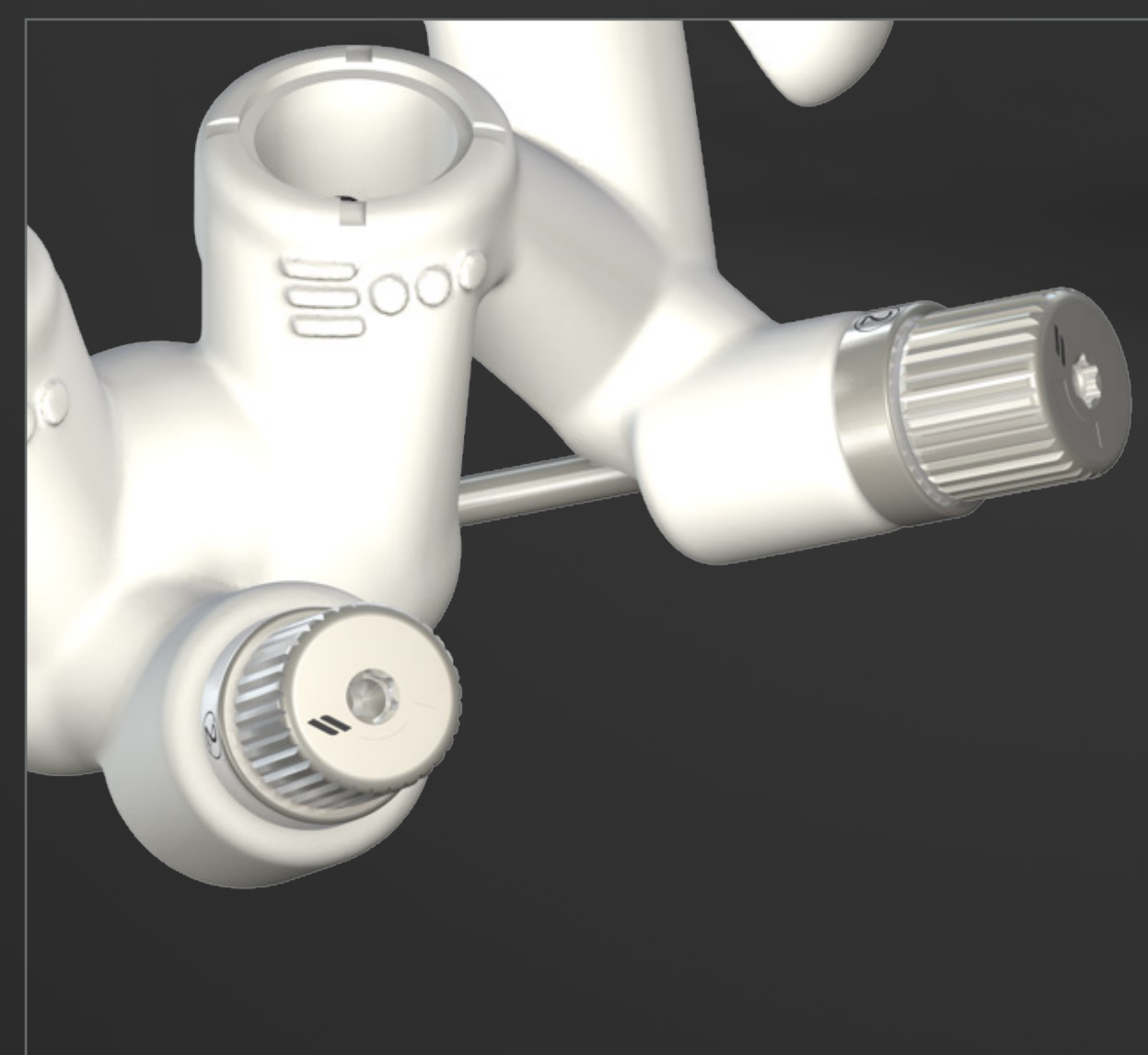
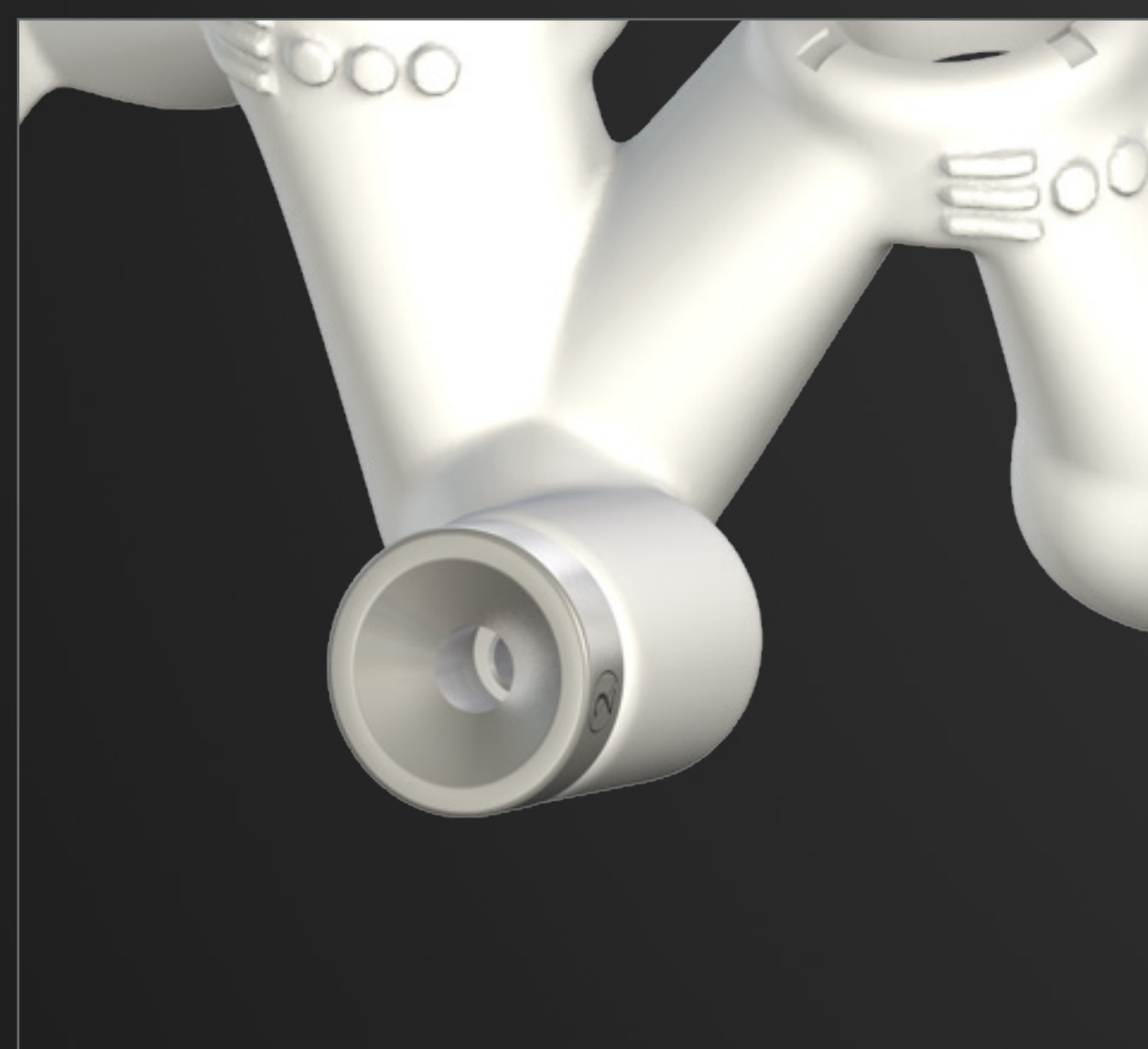
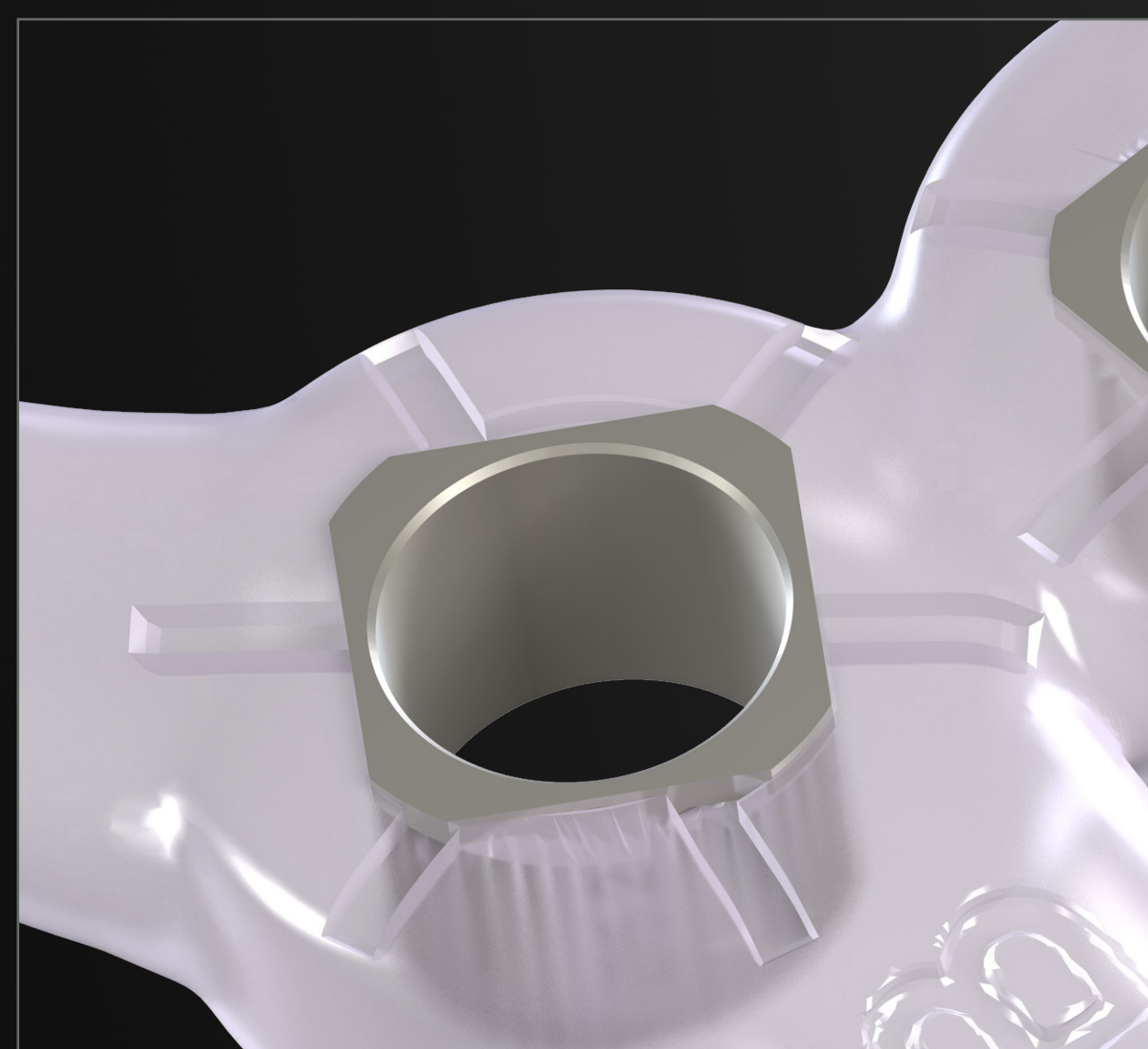


iGuide™ Drill
Ø 4.7
066.5048
066.5049
066.5050
066.5051
066.5052

TECHNICAL INFORMATION

THE SLEEVES

- New designed sleeve for immediate recognition
- Dedicated diameter for Straumann iGuide™: Ø 5.2 mm
- Improved stability of the fixation pin thanks to a screw retained interface with the dedicated sleeve



TECHNICAL INFORMATION

DRILL DESIGN



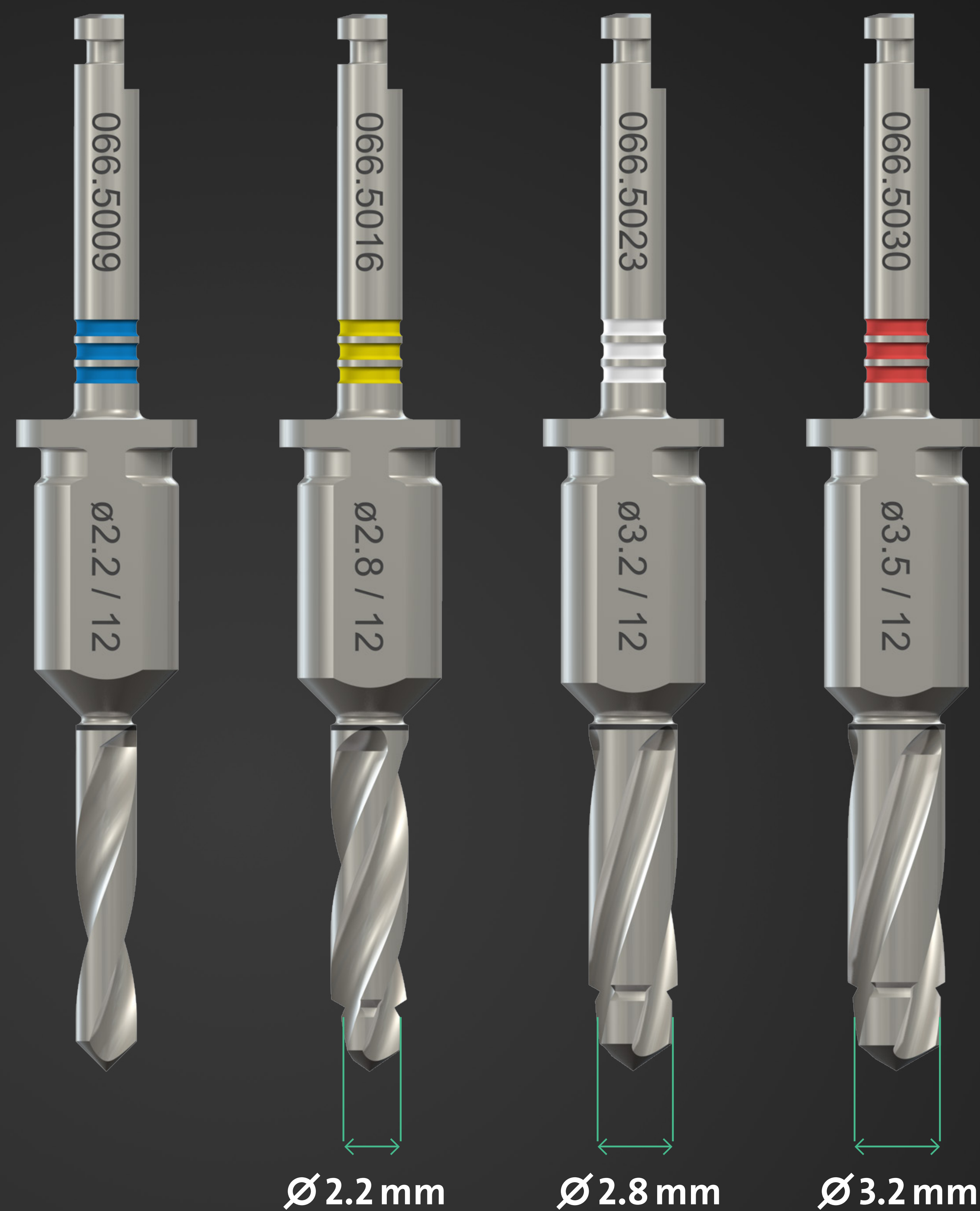
Keyless solution with inbuilt stop for higher performances and a better user experience.



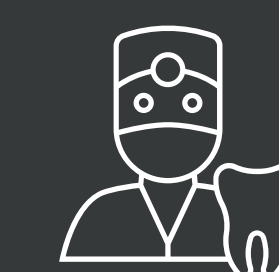
Color coding and new laser marking for an easy recognition of the drills.



Guided from the start thanks to the 4 mm Pre-Pilot drill

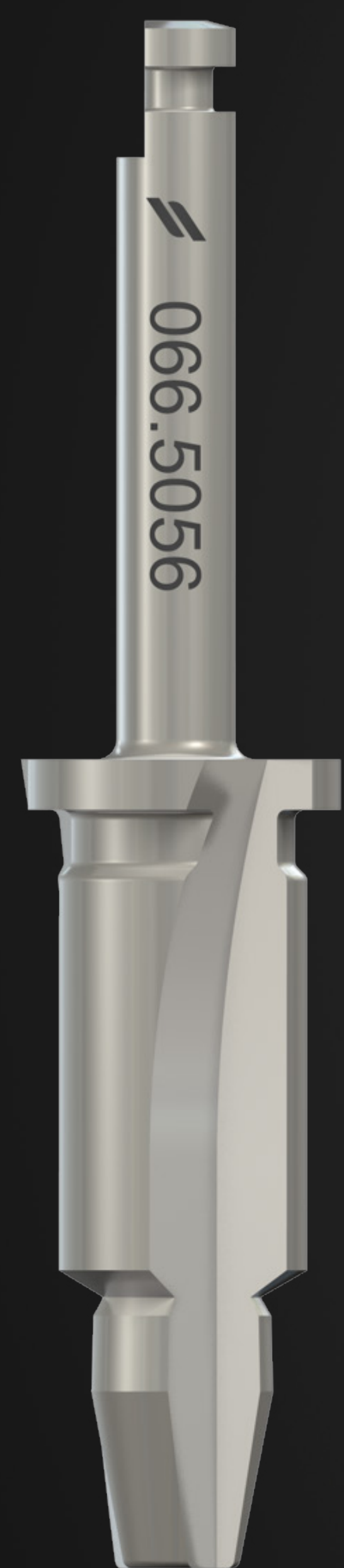


The tip of the drill follows the diameter of the previous drill, allowing it to engage the existing osteotomy. This ensures guidance even in deep preparation.



TECHNICAL INFORMATION

FINAL STEPS

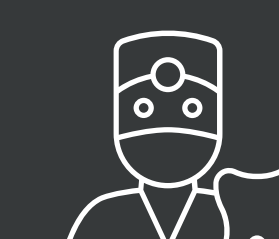
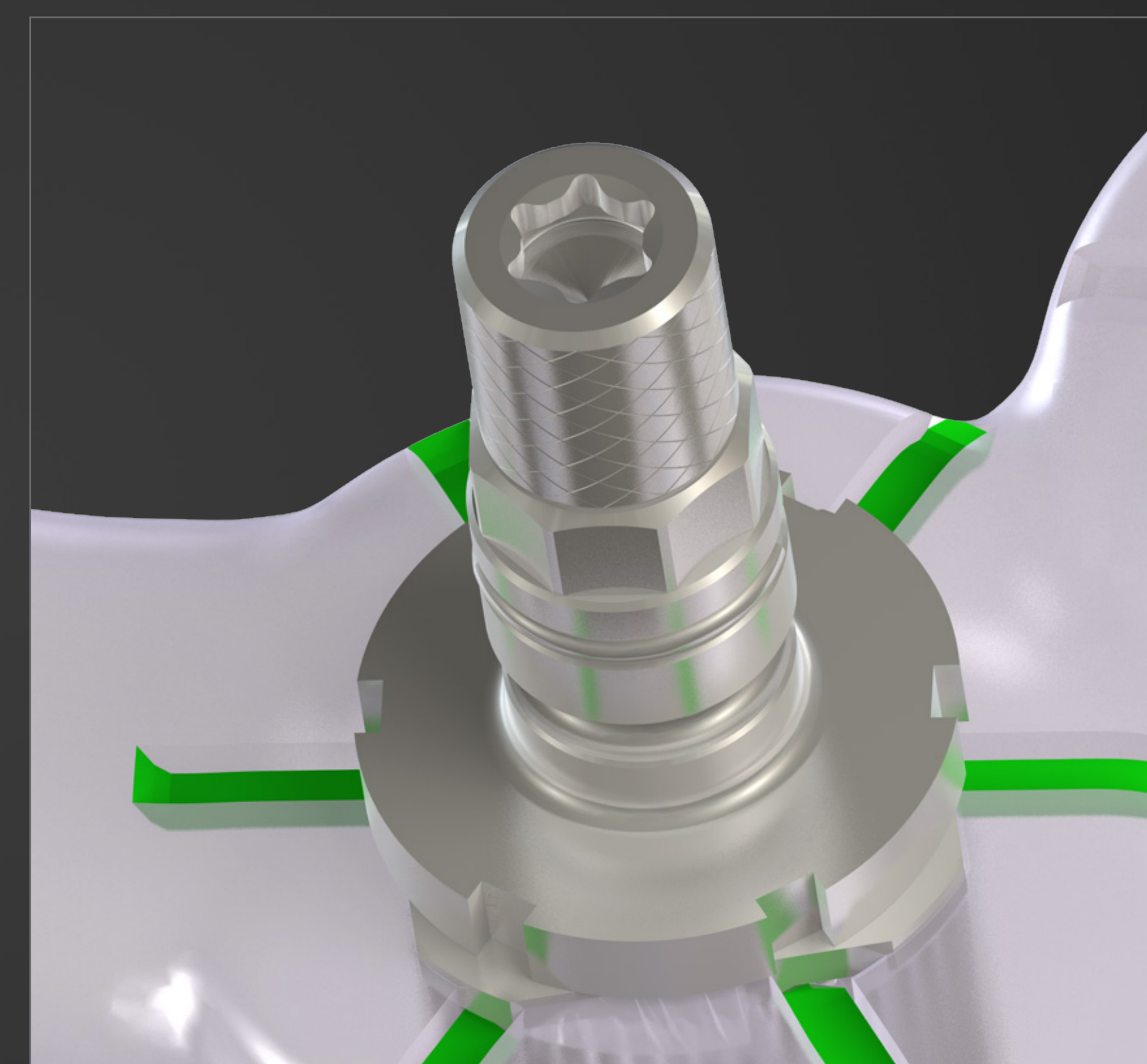


Shape the coronal part of your osteotomy with the profile drill.



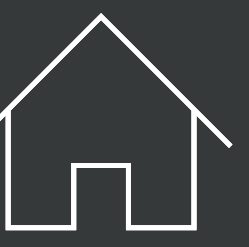
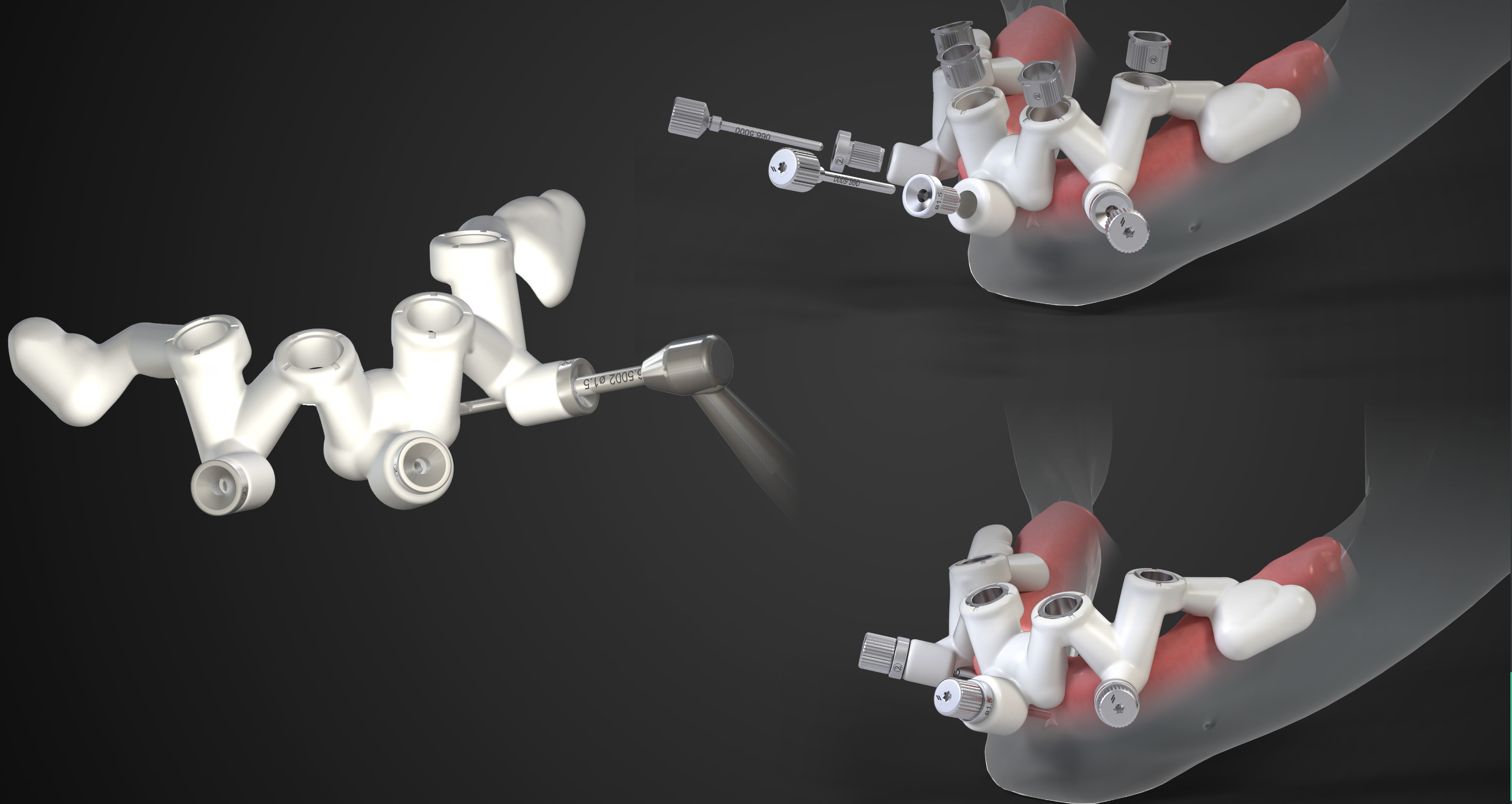
New screw-retained implant driver for a strong connection with the implant.

Physical stop and reference marks on the implant driver for a precise vertical placement of the implant and orientation of its connection.



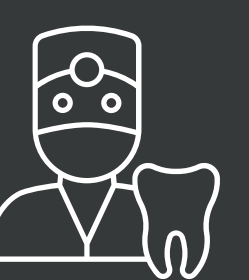
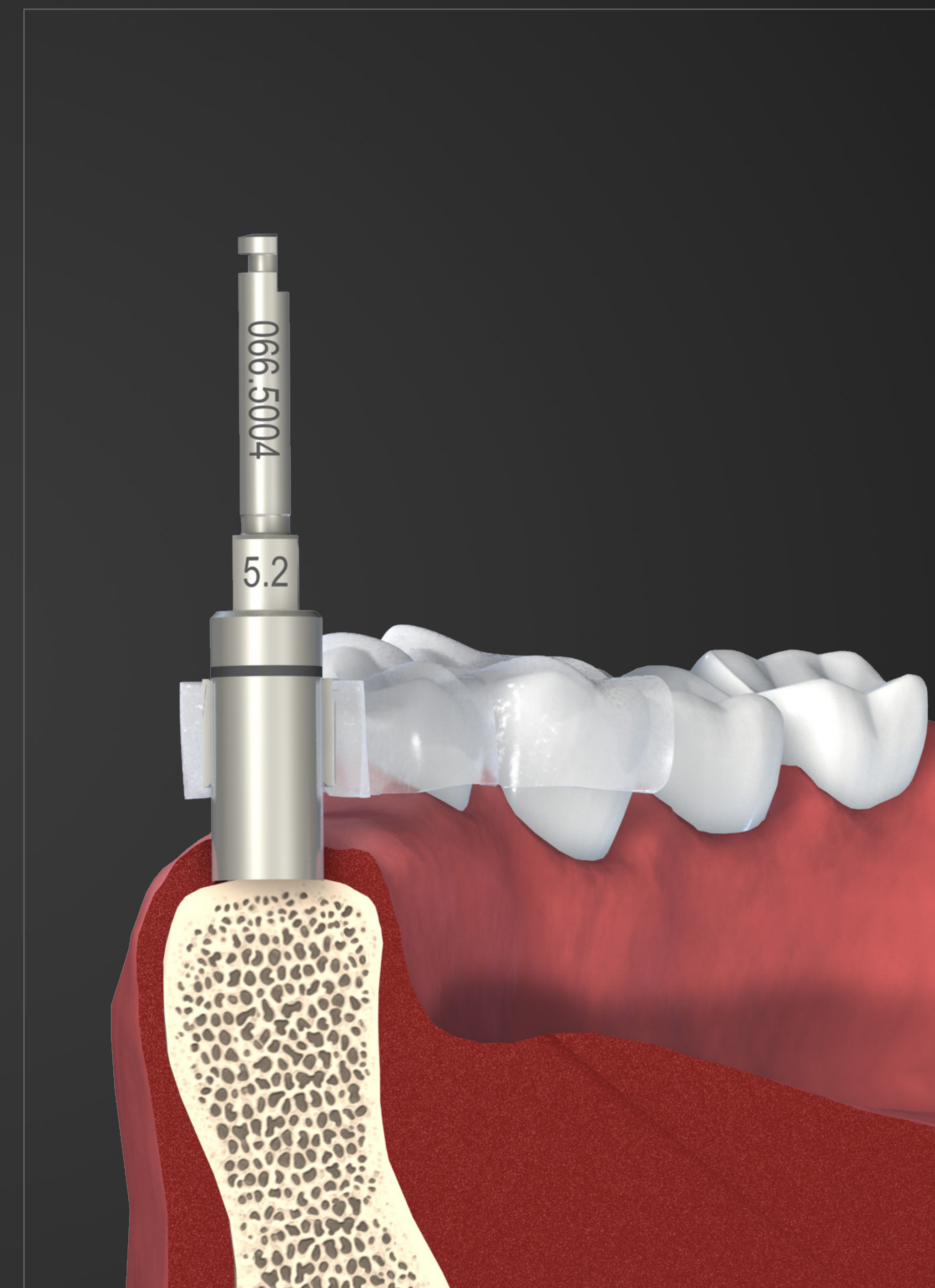
TECHNICAL INFORMATION

SURGICAL GUIDE **PLACEMENT**



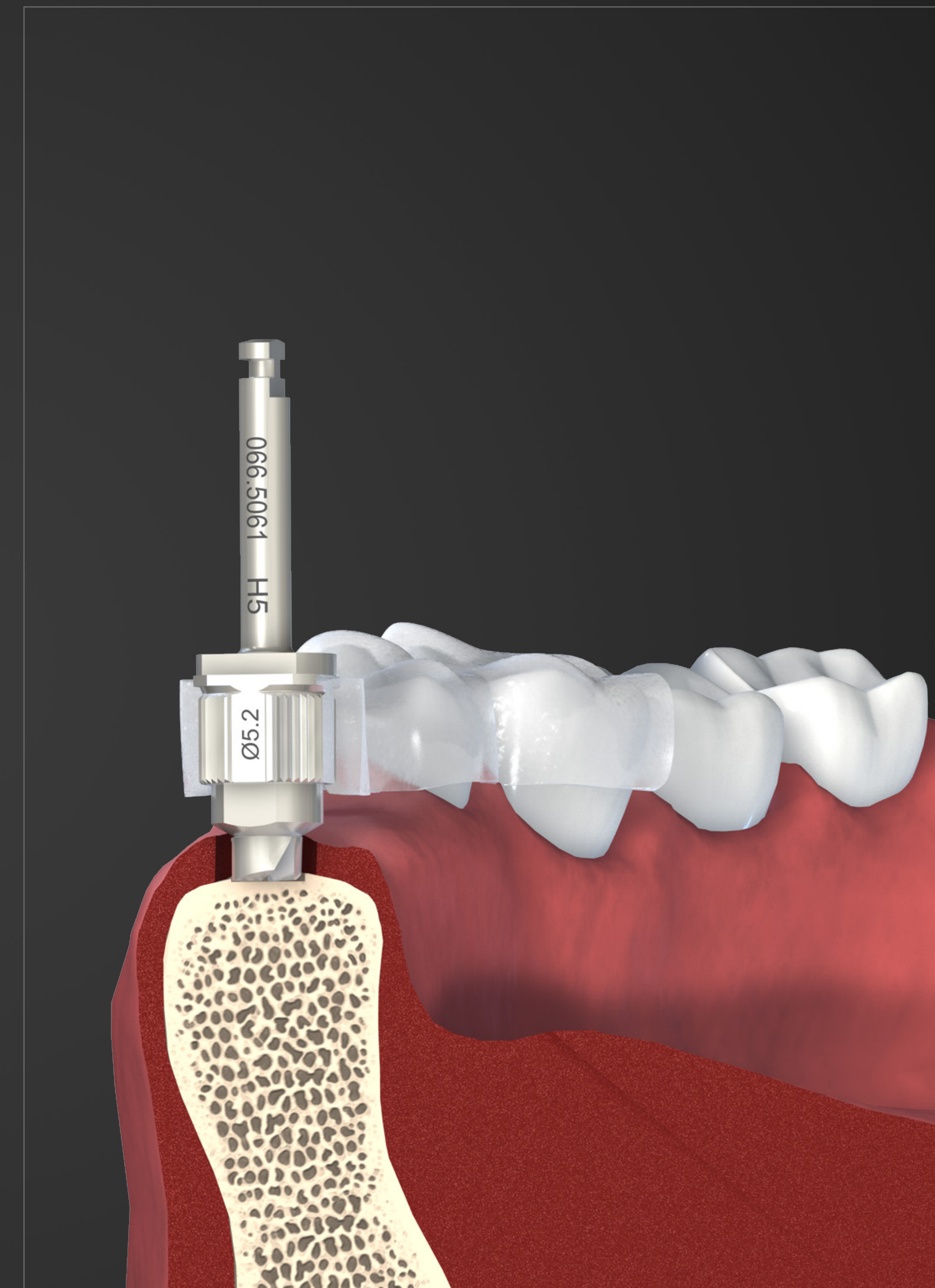
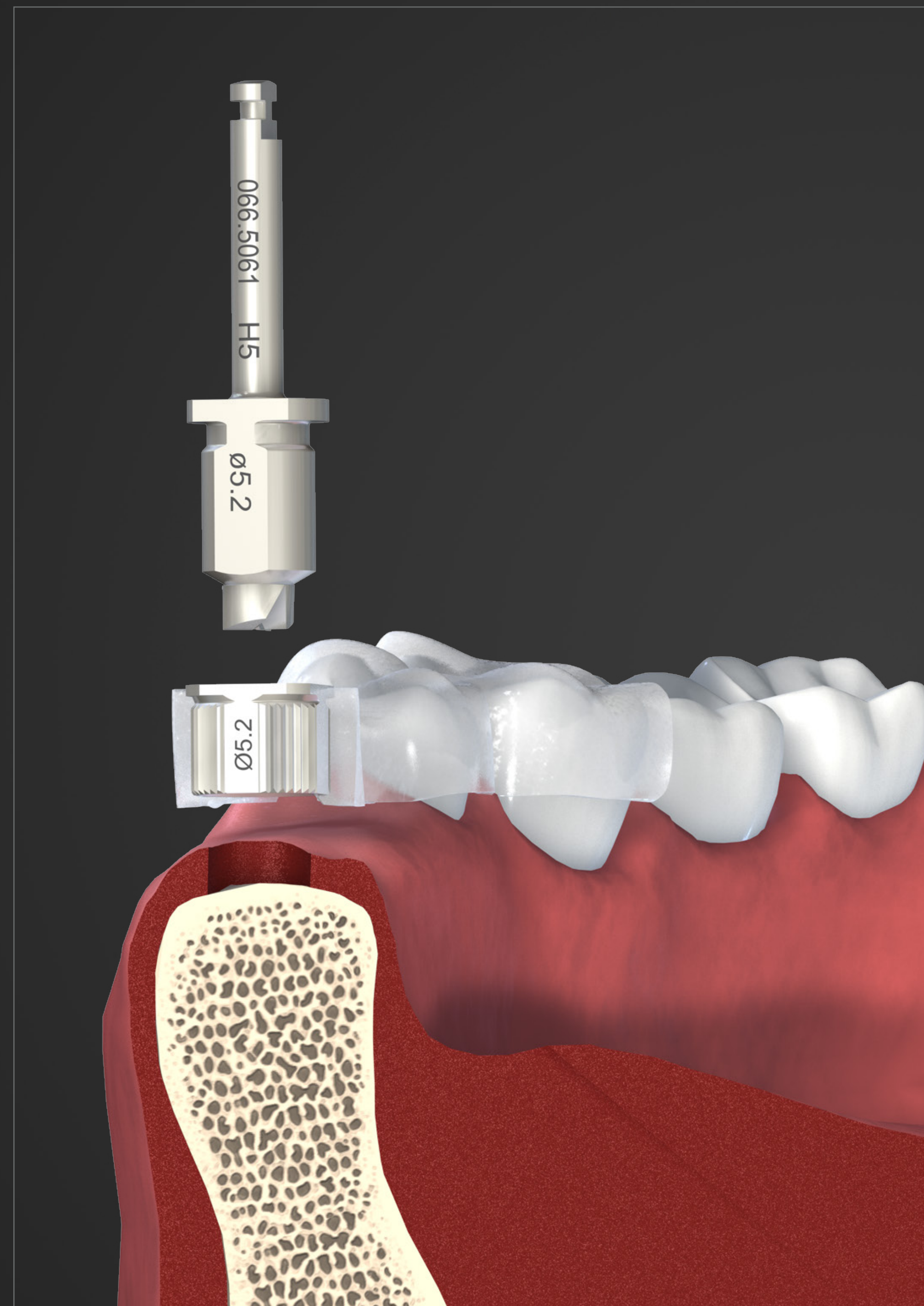
TECHNICAL INFORMATION

MUCOSA PUNCH



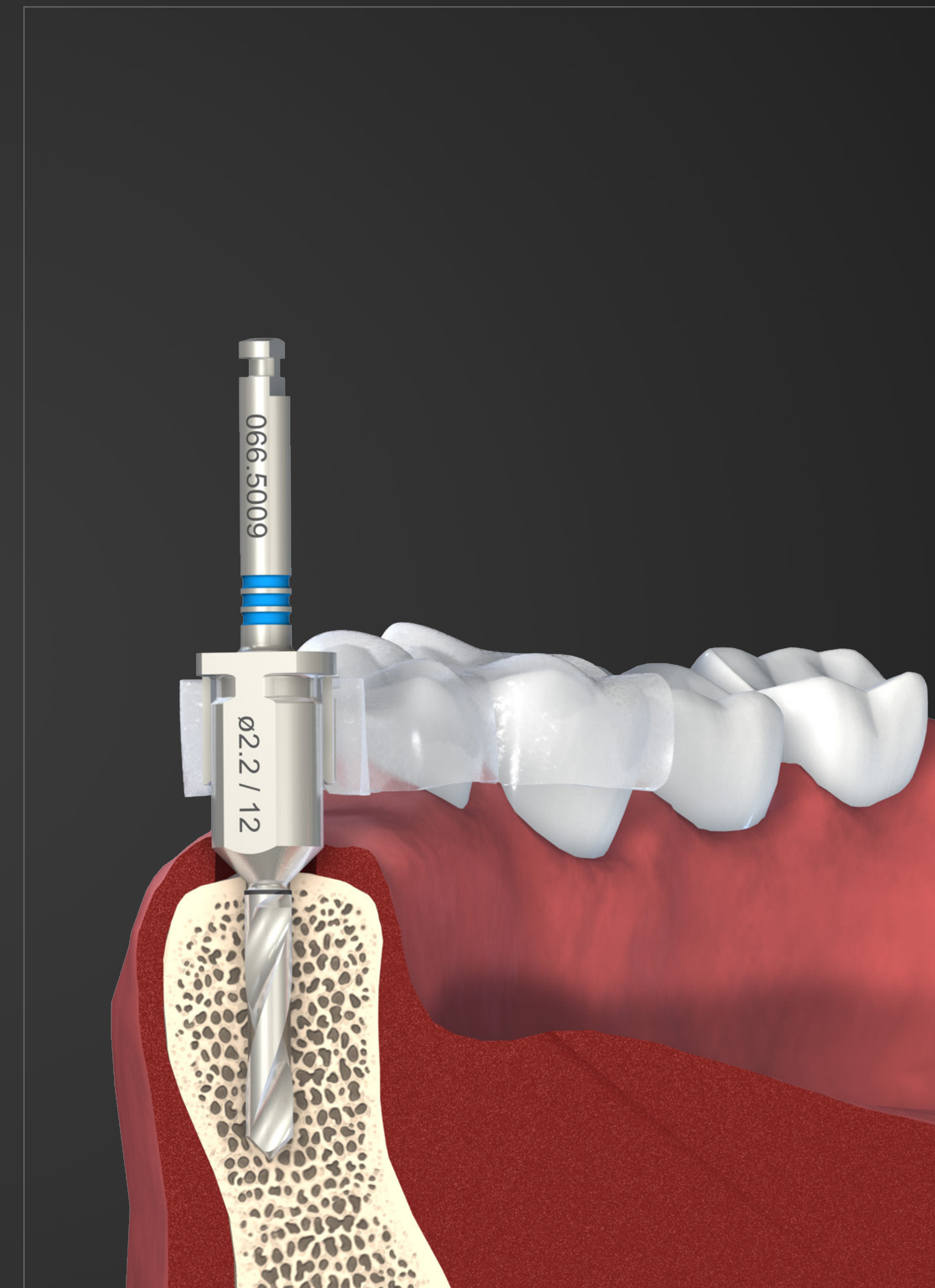
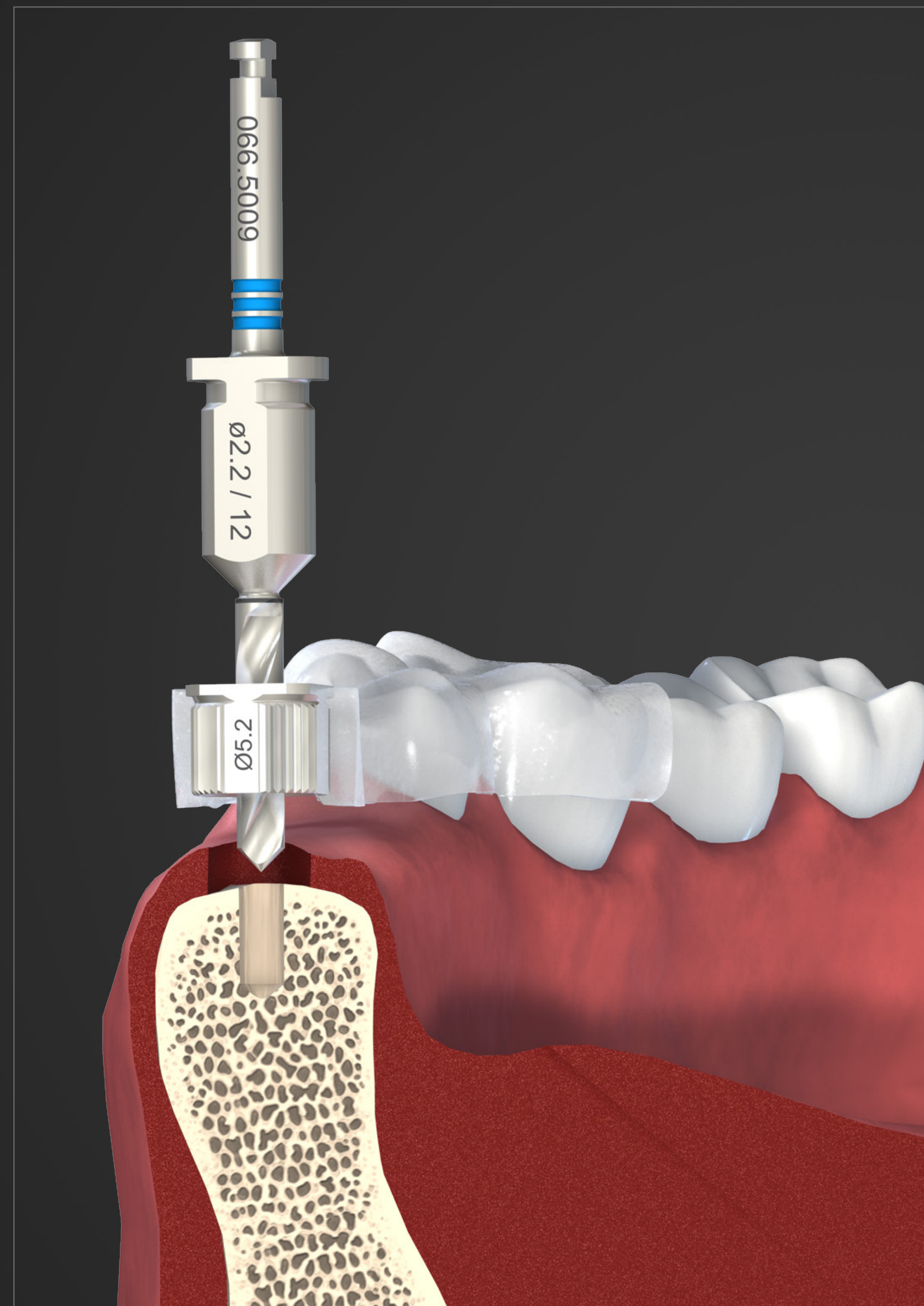
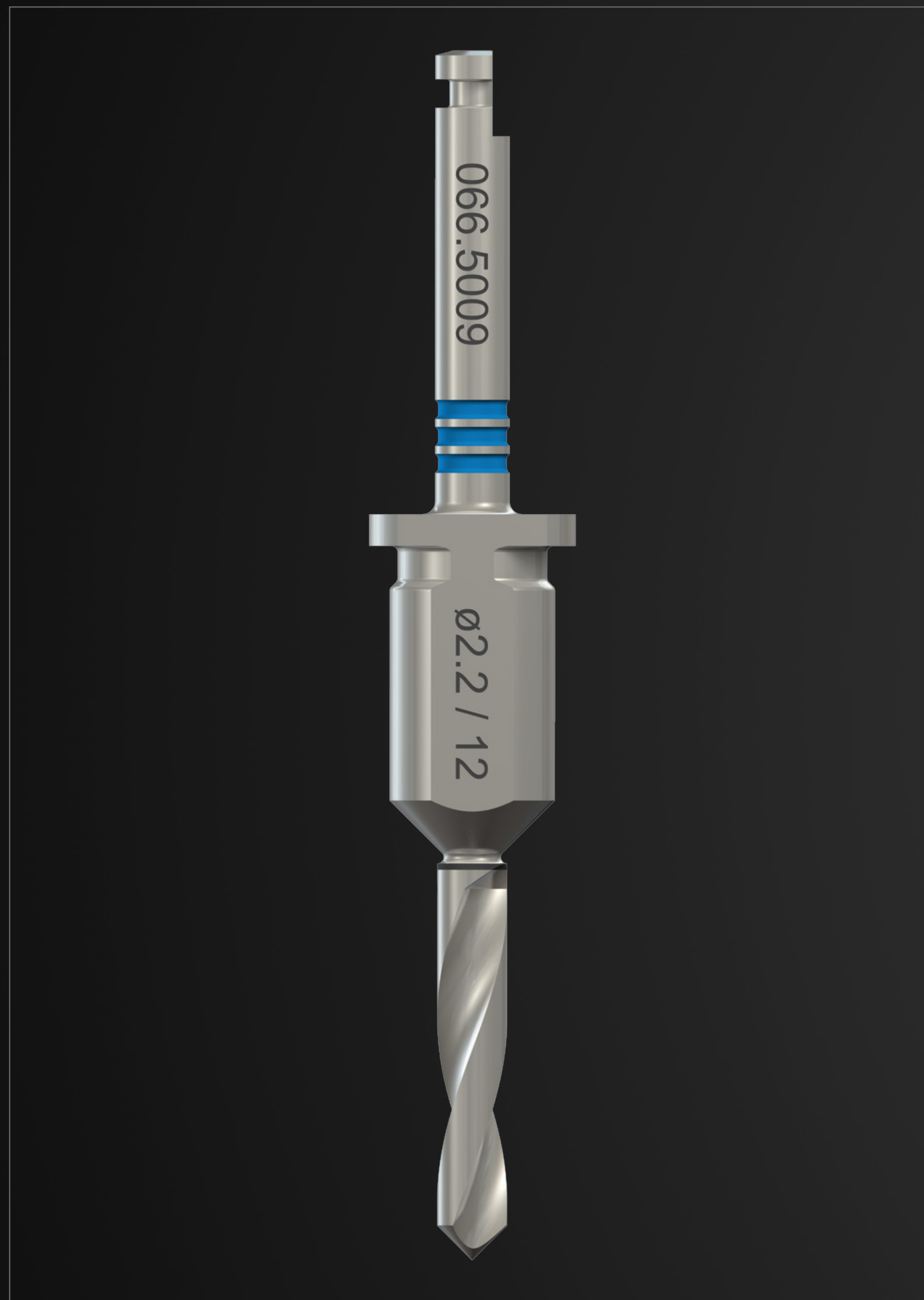
TECHNICAL INFORMATION

MILLING CUTTER



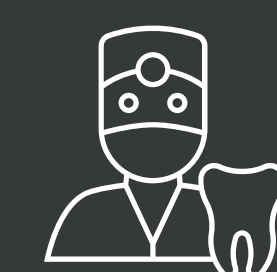
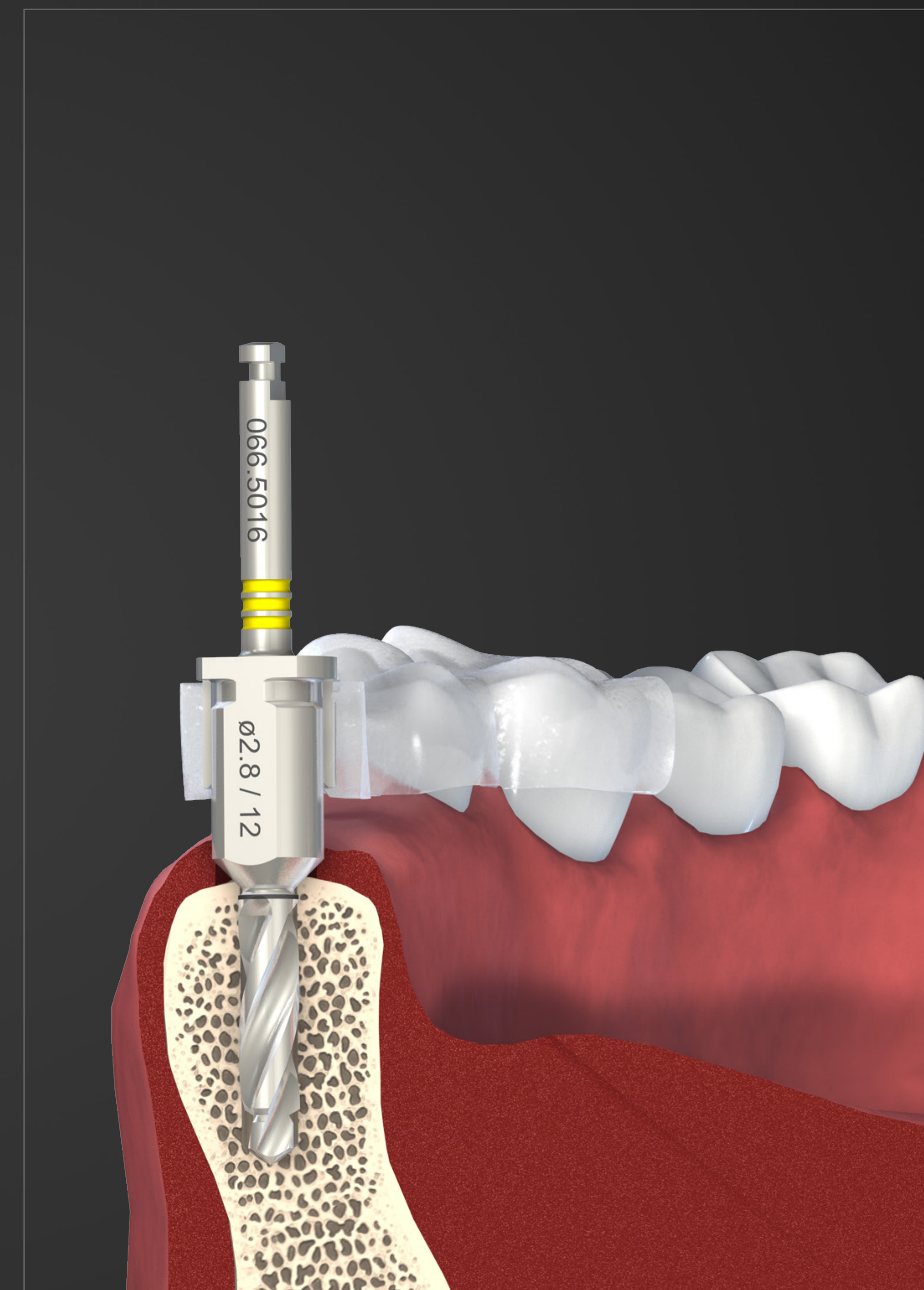
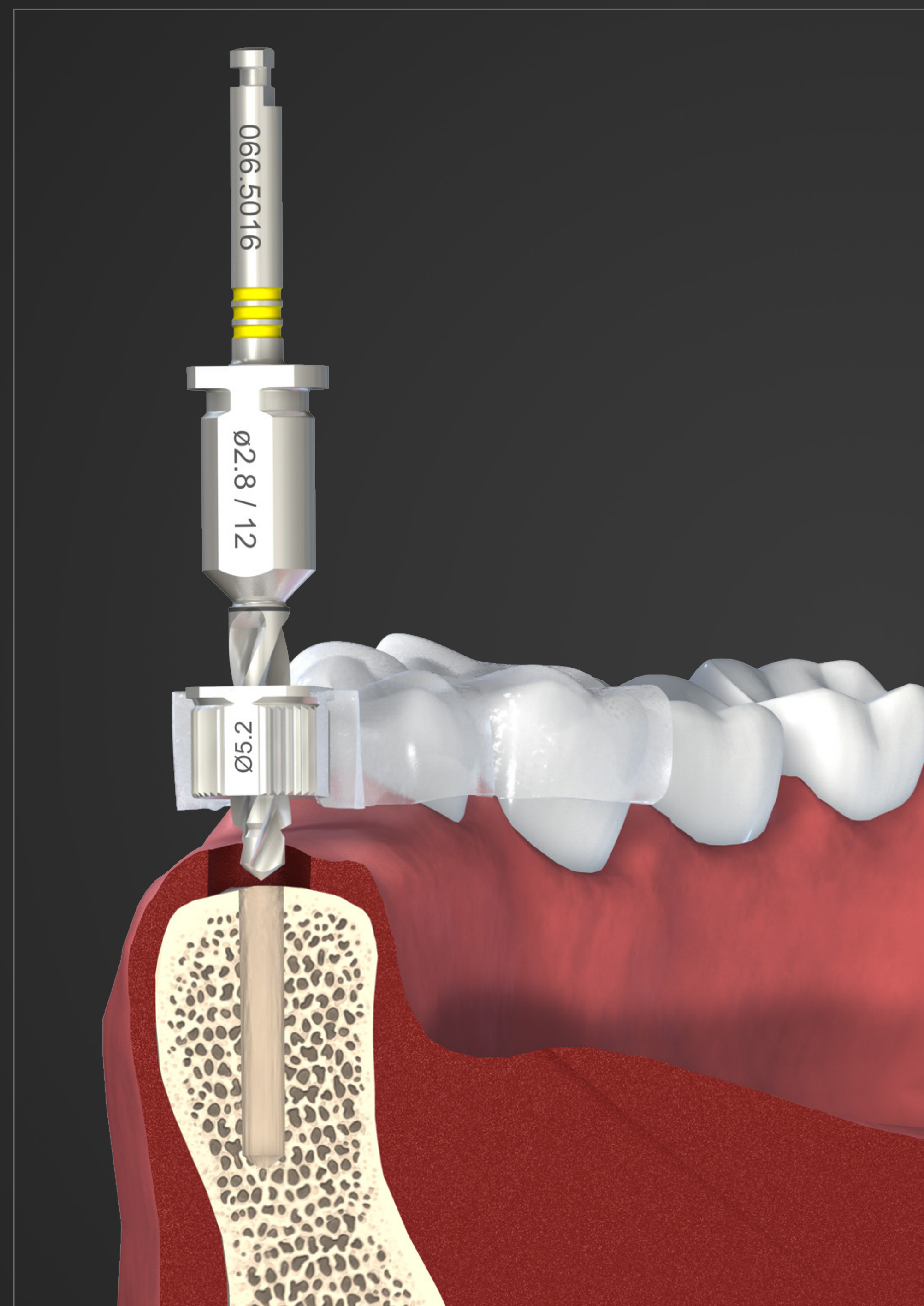
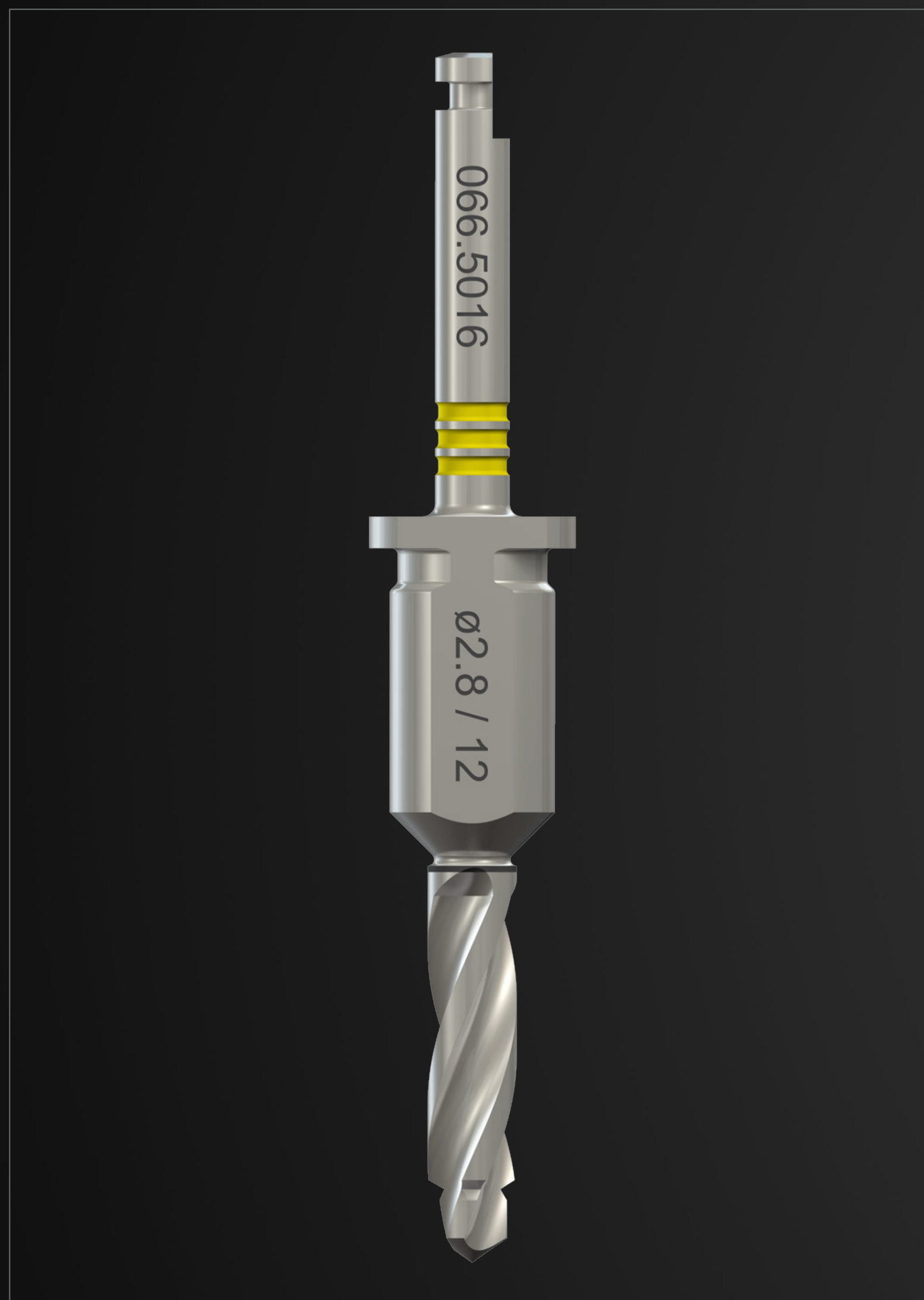
TECHNICAL INFORMATION

PILOT DRILL



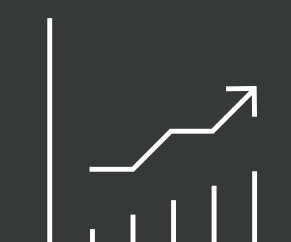
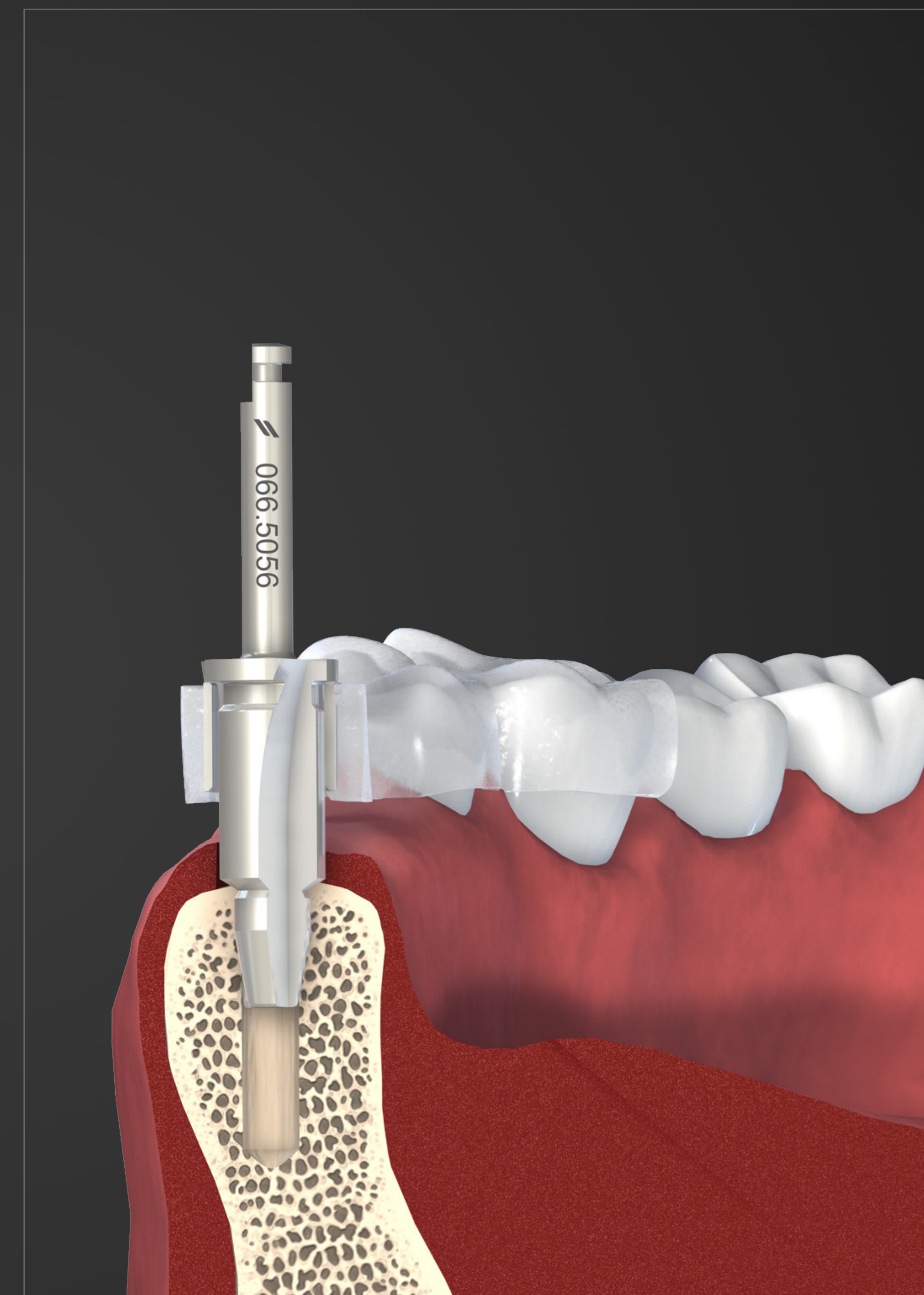
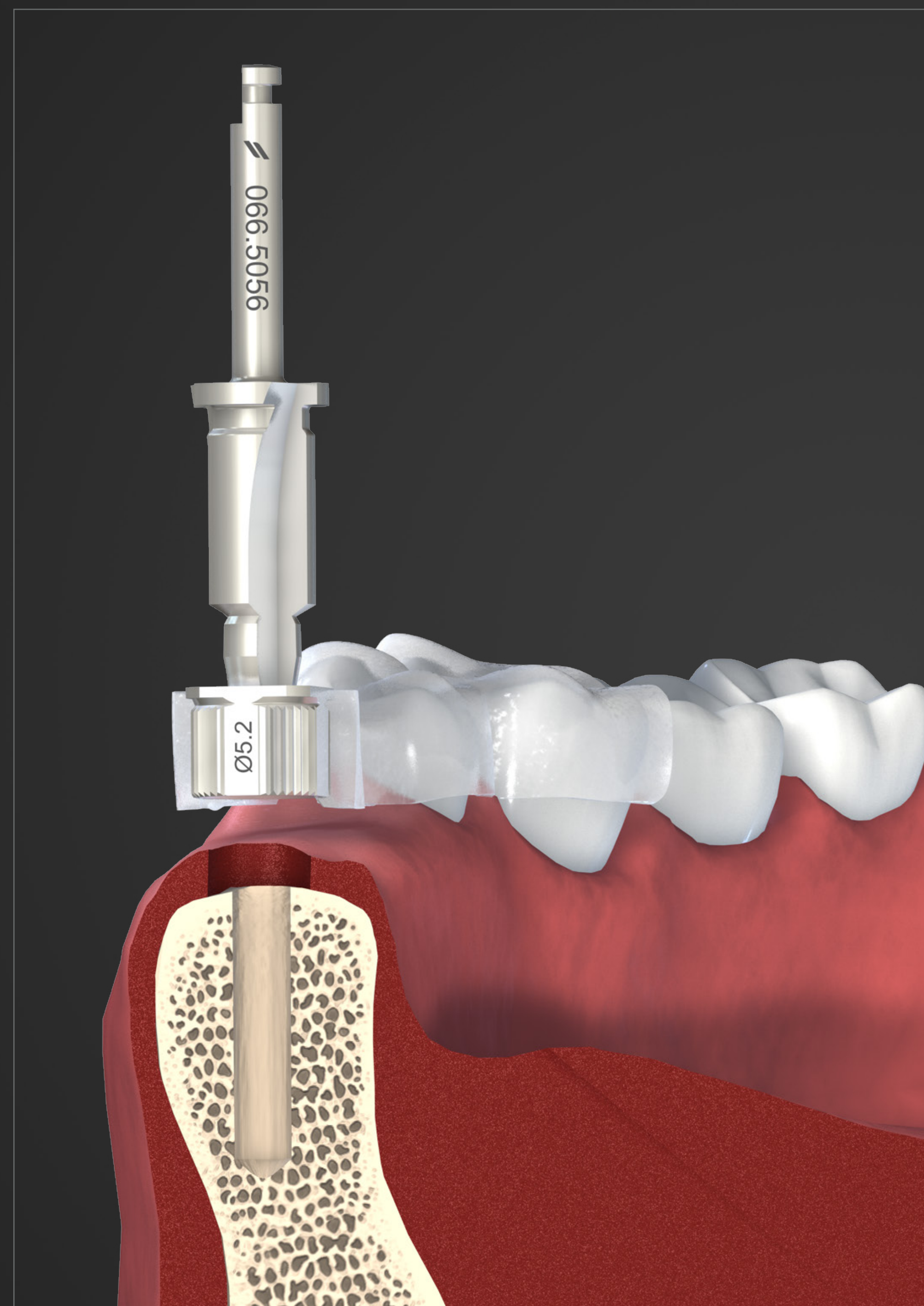
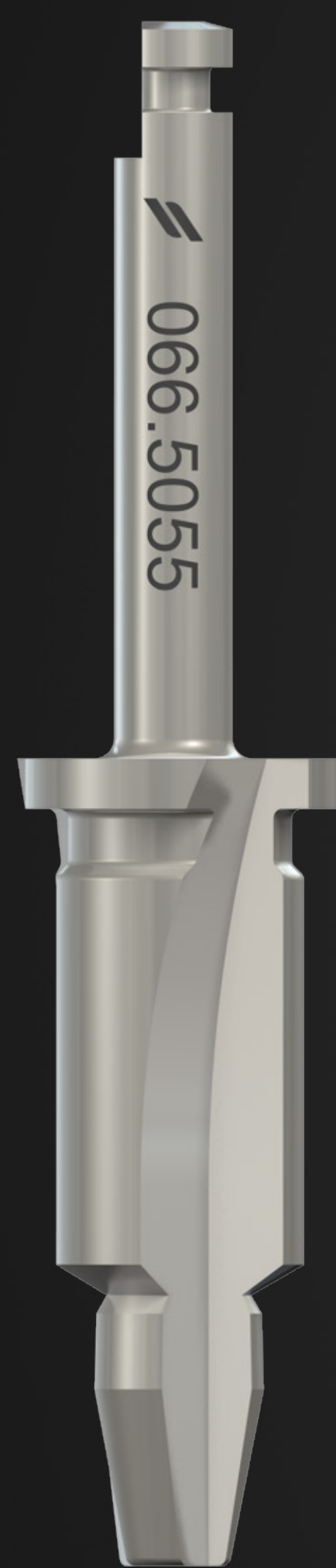
TECHNICAL INFORMATION

NEXT DRILLS



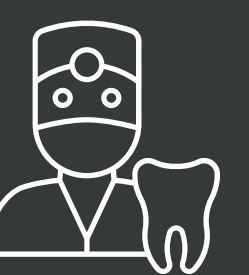
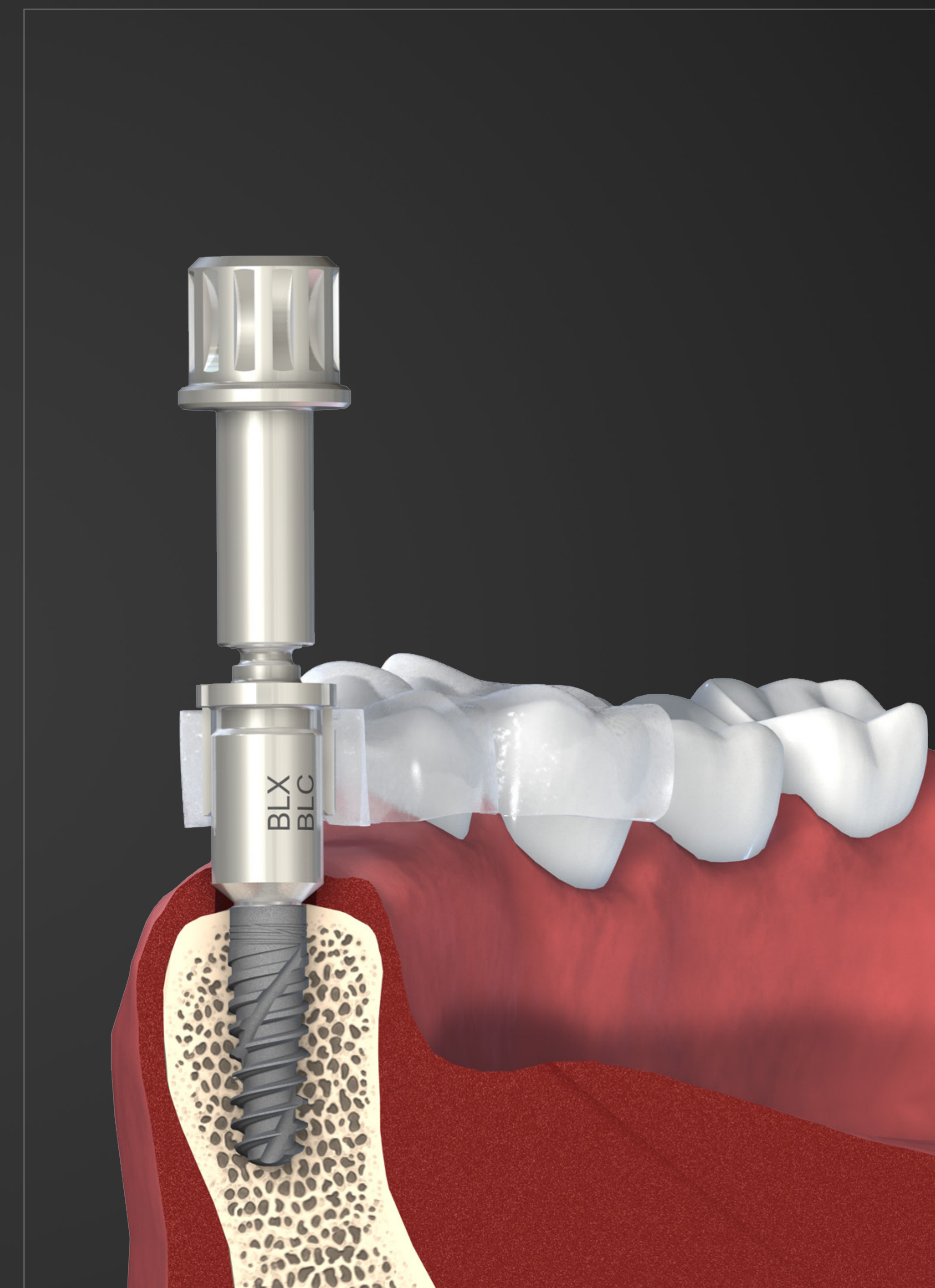
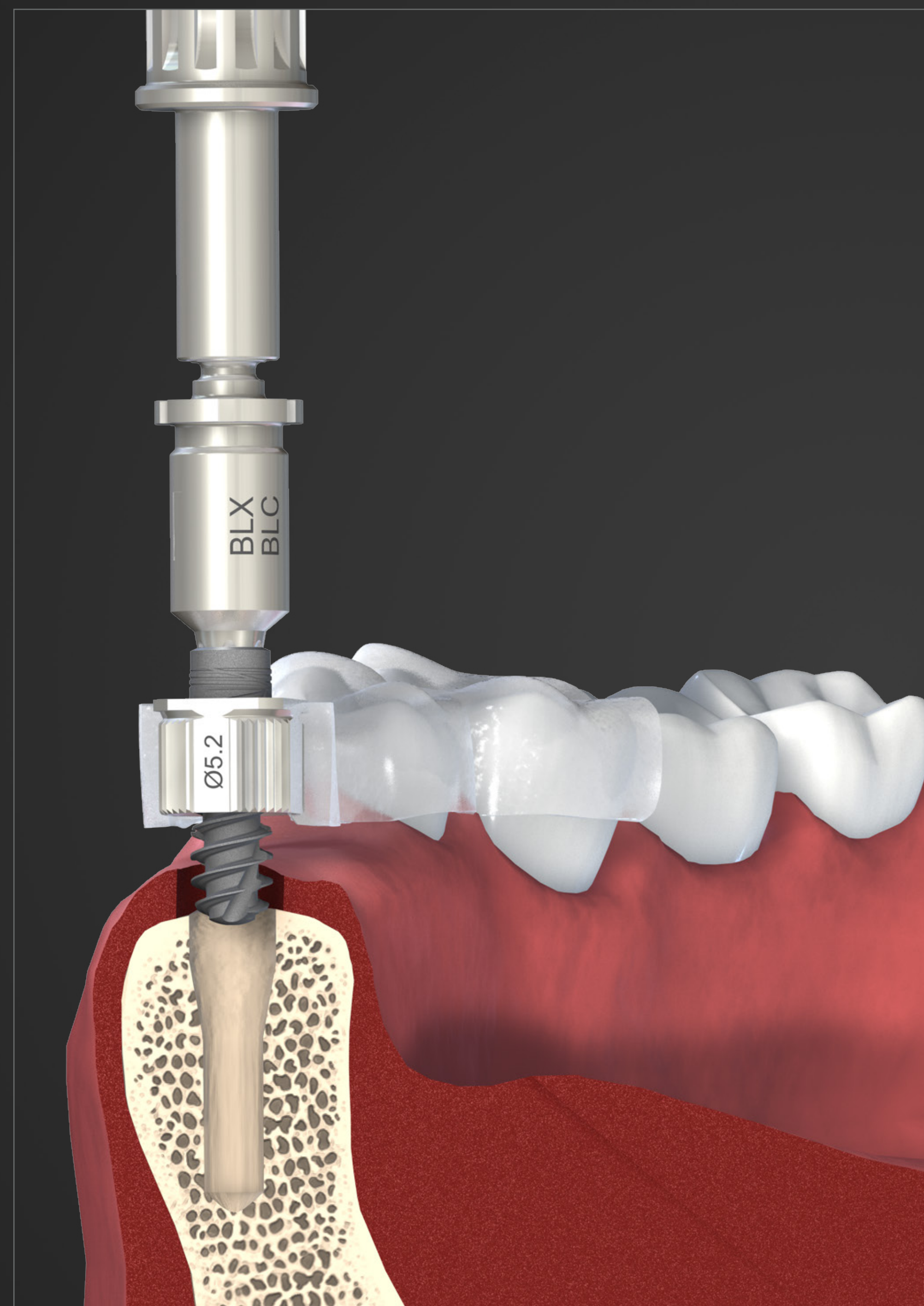
TECHNICAL INFORMATION

PROFILE DRILL



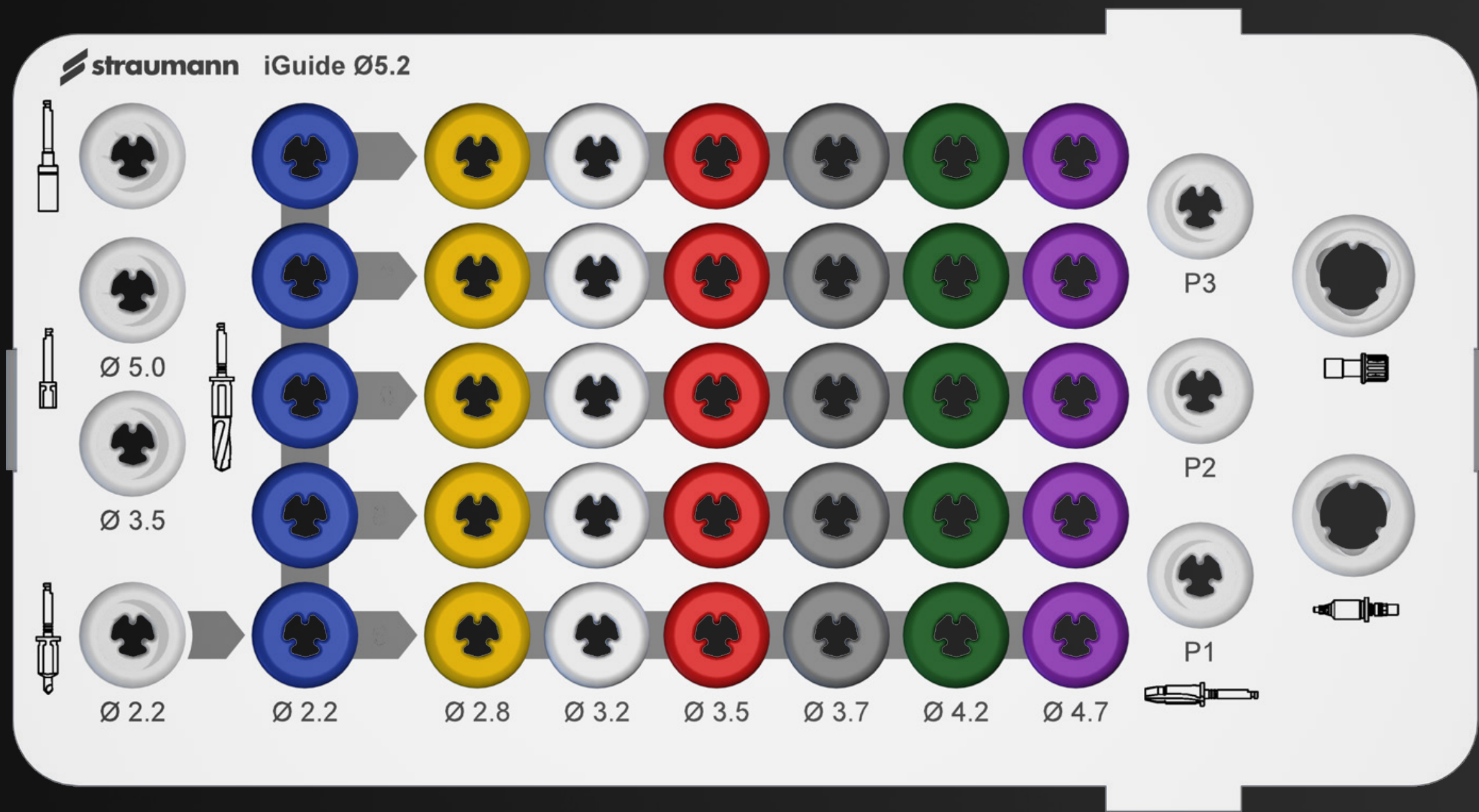
TECHNICAL INFORMATION

IMPLANT DRIVER

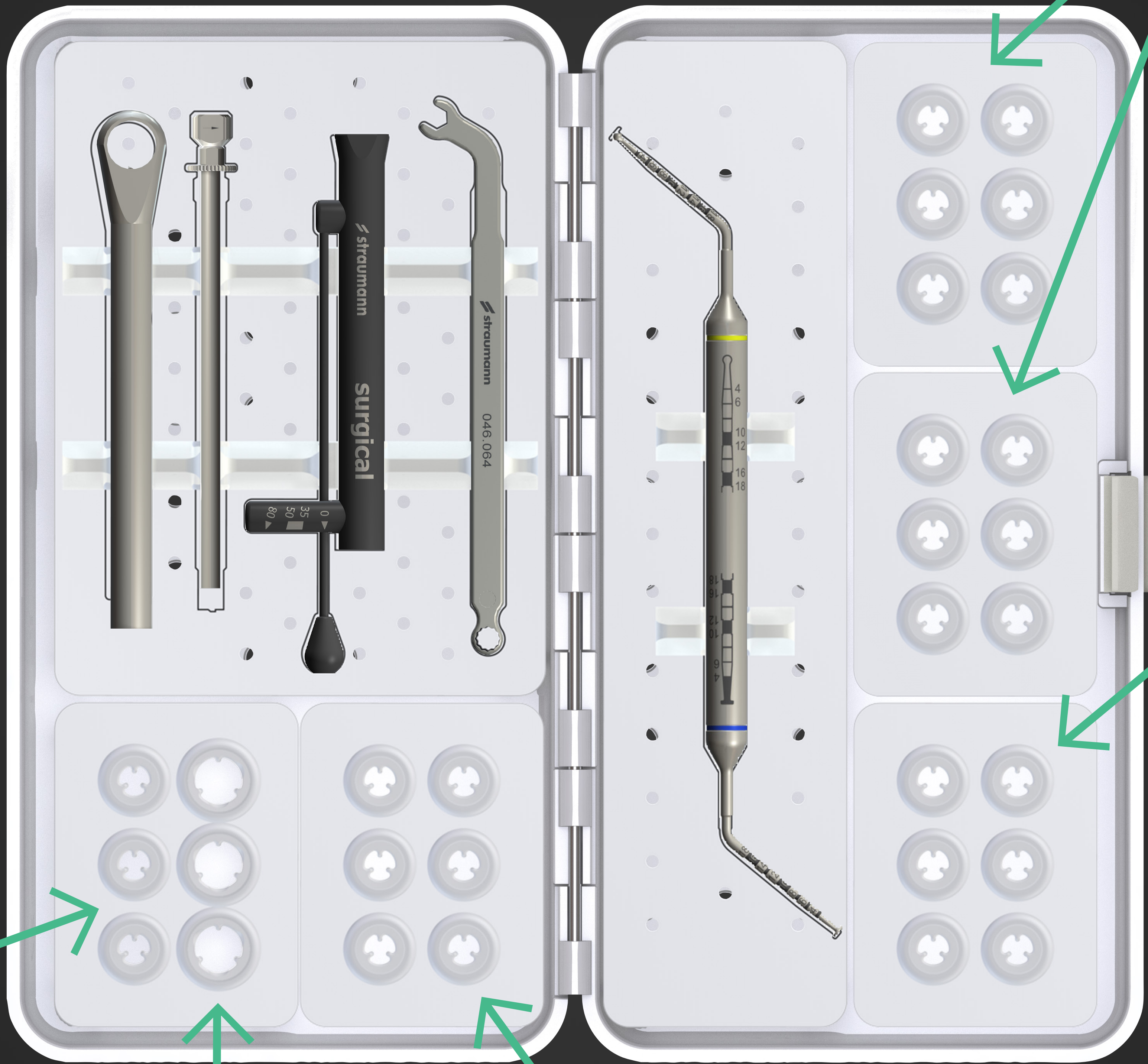


TECHNICAL INFORMATION

A **SIMPLE** AND INTUITIVE LAYOUT



SCS screwdriver set
for handpiece (3×)



Spare insertion
tools (optional)

Fixation pins
drill (1×)

SCS screwdriver set
for ratchet (3×)

Fixation pins
(6×)

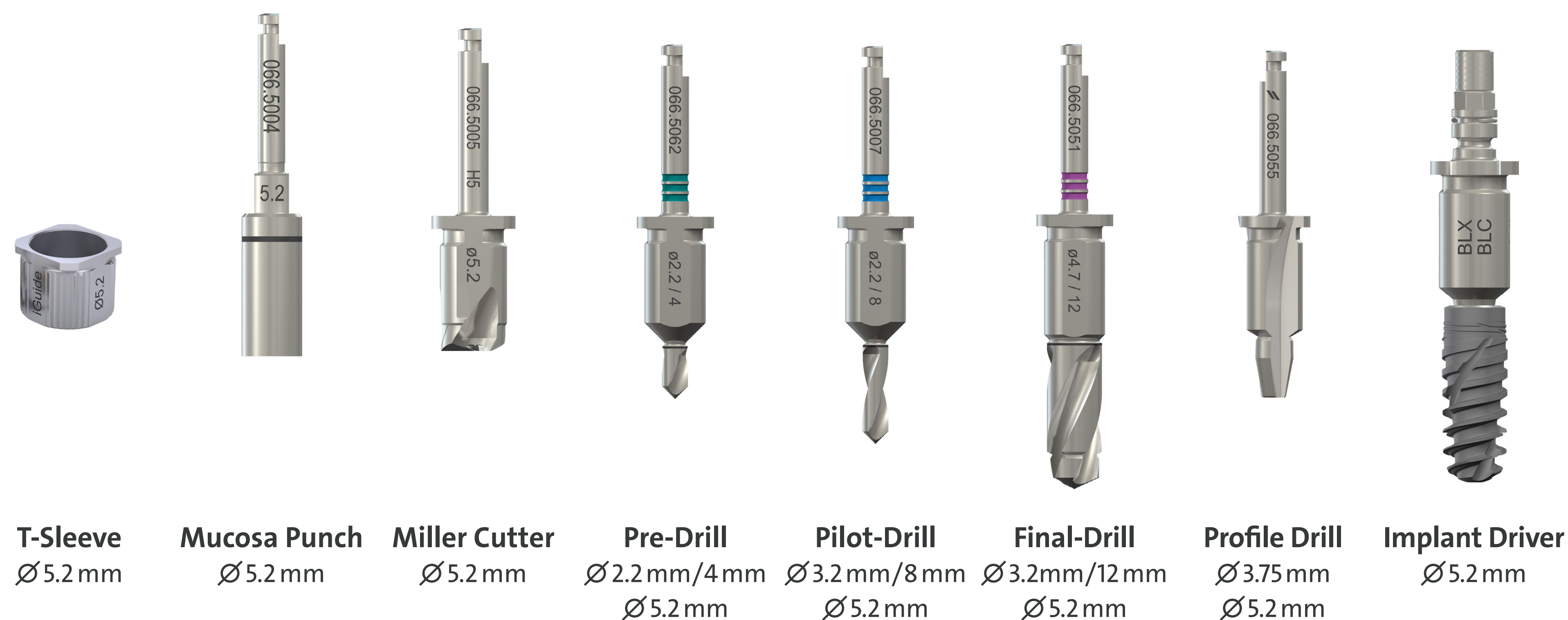


SUMMARY

Straumann iGuide™ – straightforward and versatile.

- Straight execution
- One-hand surgery
- Double guidance accuracy

THE GUIDED SURGERY KIT FOR STRAUMANN iEXCEL™



PHASE 1 STANDARD KIT



PHASE 2 NARROW KIT

