Straumann®
Zygomatic Implant System

Designed by experts with the patient in mind.

straumann

Straumann® Zygomatic Implant System
Designed by experts with the patient in mind.

At a glance

What's in it for you?

Clinical cases
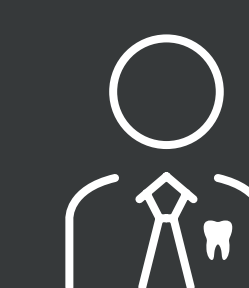
Technical information

What customer say

Summary

At a glance

The Straumann® Zygomatic Implant System provides an immediate, graftless, predictable fixed solution for edentulous patients and patients with terminal dentition.[1,2,4]
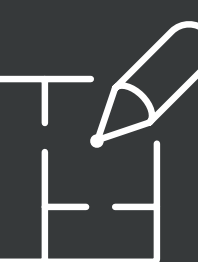
What's in it for you?

- From experts for experts
- Immediate loading
- Anatomically based designs
- Straightforward prosthetics
- Designed to adapt to patient's anatomy

From experts for experts

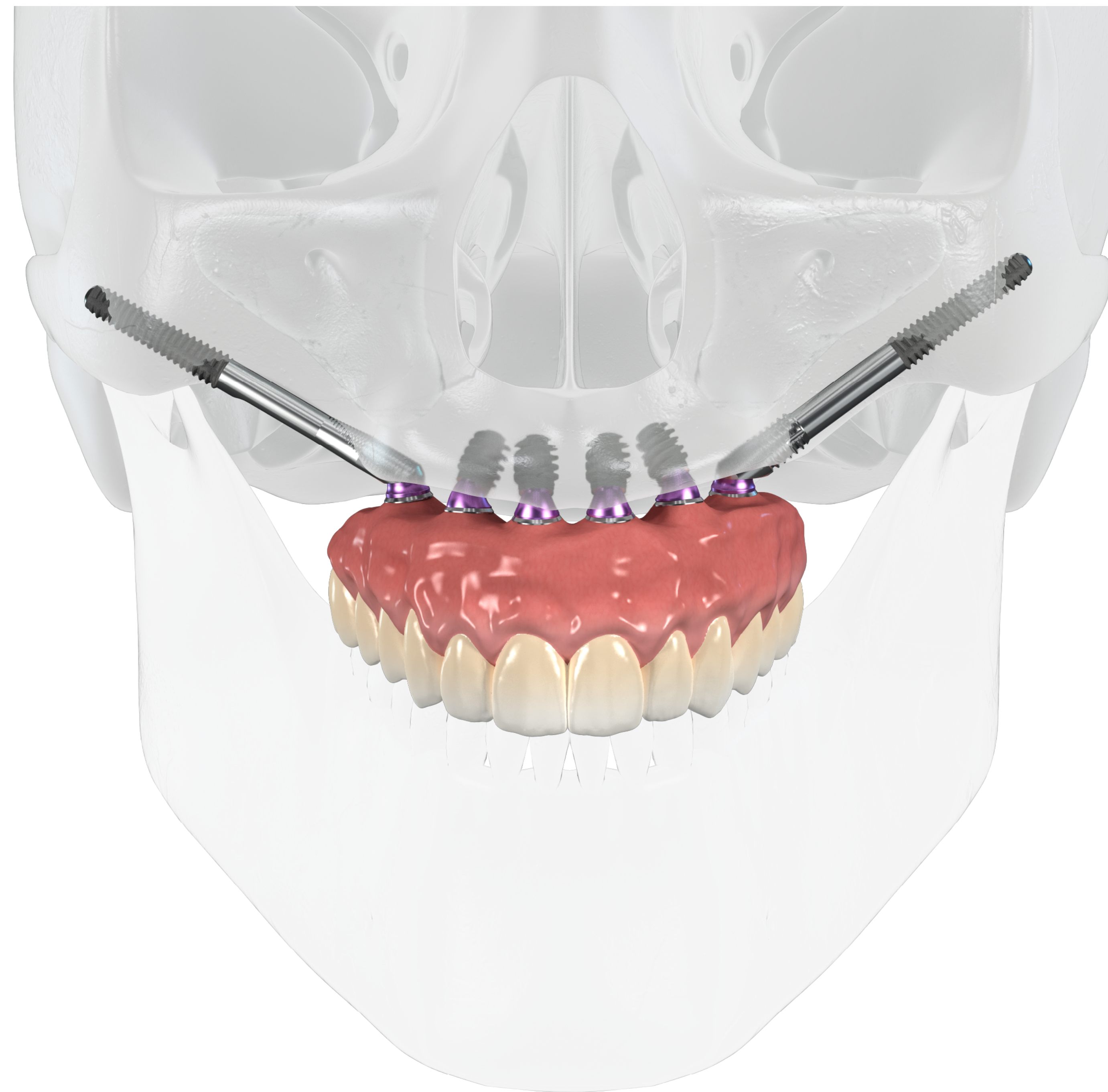- Bringing experts together to provide a solution you can trust in.

What's in it for you?

Immediate loading[1,2,5]

- Graftless solution that provides primary stability and allows immediate loading.

1 Tuminelli FJ, Walter LR, Neugarten J, Bedrossian E. Immediate loading of zygomatic implants: A systematic review of implant survival, prosthesis survival and potential complications. Eur J Oral Implantol. 2017;10 Suppl 1:79-87.   **2** Fatigue Testing Report – ZAGA Implant System.
5 Jung RE, Al-Nawas B, Araujo M, Avila-Ortiz G, Barter S, Brodala N, Chappuis V, Chen B, De Souza A, Almeida RF, Fickl S, Finelle G, Ganeles J, Gholami H, Hammerle C, Jensen S, Jokstad A, Katsuyama H, Kleinheinz J, Kunavisarut C, Mardas N, Monje A, Papaspyridakos P, Payer M, Schiegnitz E, Smeets R, Stefanini M, Ten Bruggenkate C, Vazouras K, Weber HP, Weingart D, Windisch P. Group 1 ITI Consensus Report: The influence of implant length and design and medications on clinical and patient-reported outcomes - Clin Oral Implants Res. 2018 Oct;29 Suppl 16:69-77.
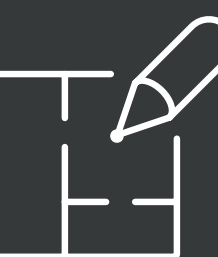
Anatomically based designs

- Two designs with a unique combination of features to respect patients' anatomical structures.[6]
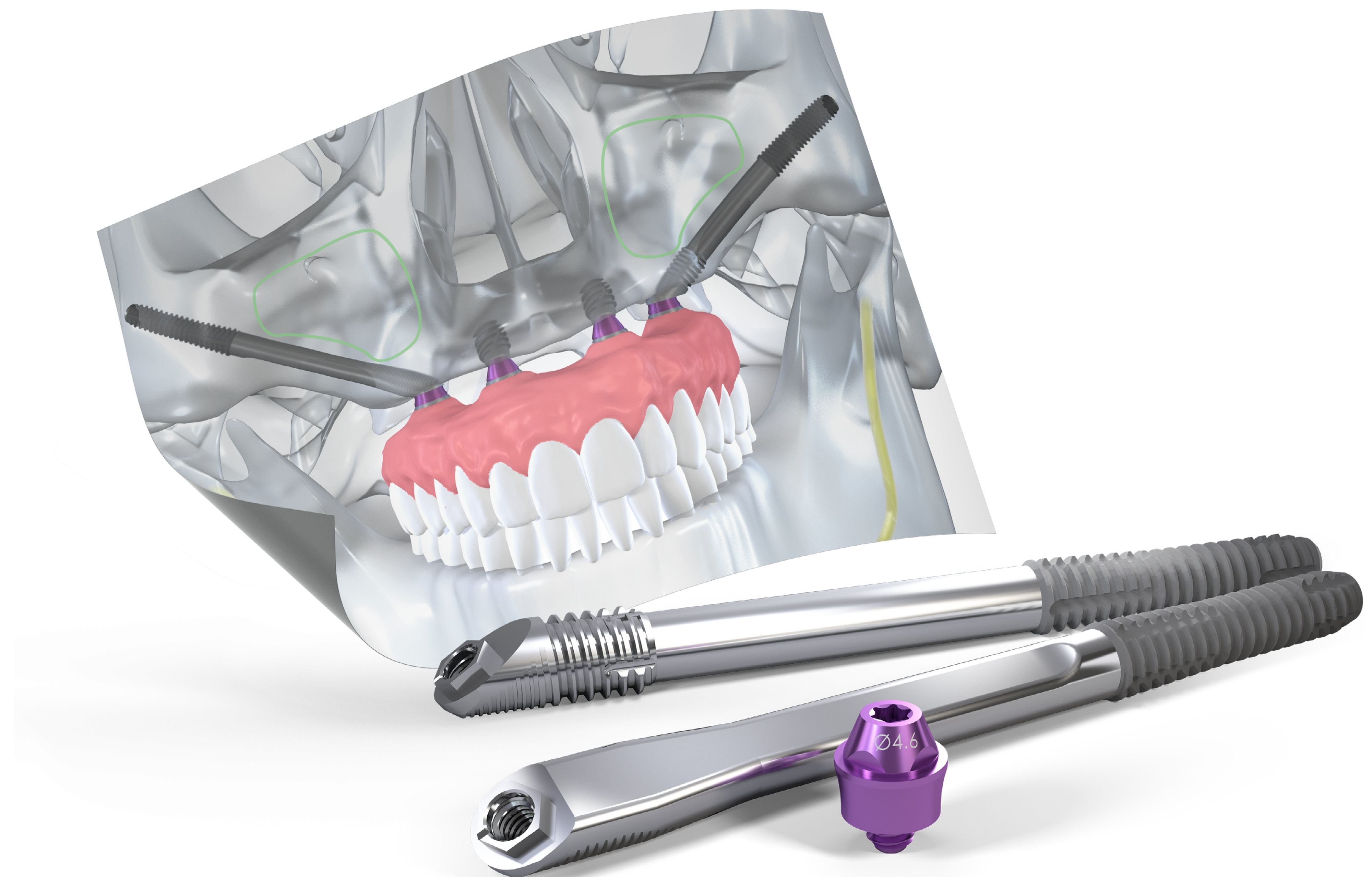
What's in it for you?
Straightforward prosthetics

- Prosthetic portfolio with a single implant connection; compatible with Straumann® Edentulous Solutions.

3 Boyes-Varley JG, Howes DG, Lownie JF, Blackbeard GA. Surgical Modifications to the Branemark Zygomaticus Protocol in the treatment of the severely resorbed Maxilla: A Clinical Report. Int. J Oral Maxillofac. Implants 2003;18:232–237.

What's in it for you?
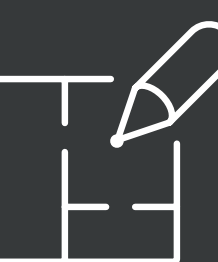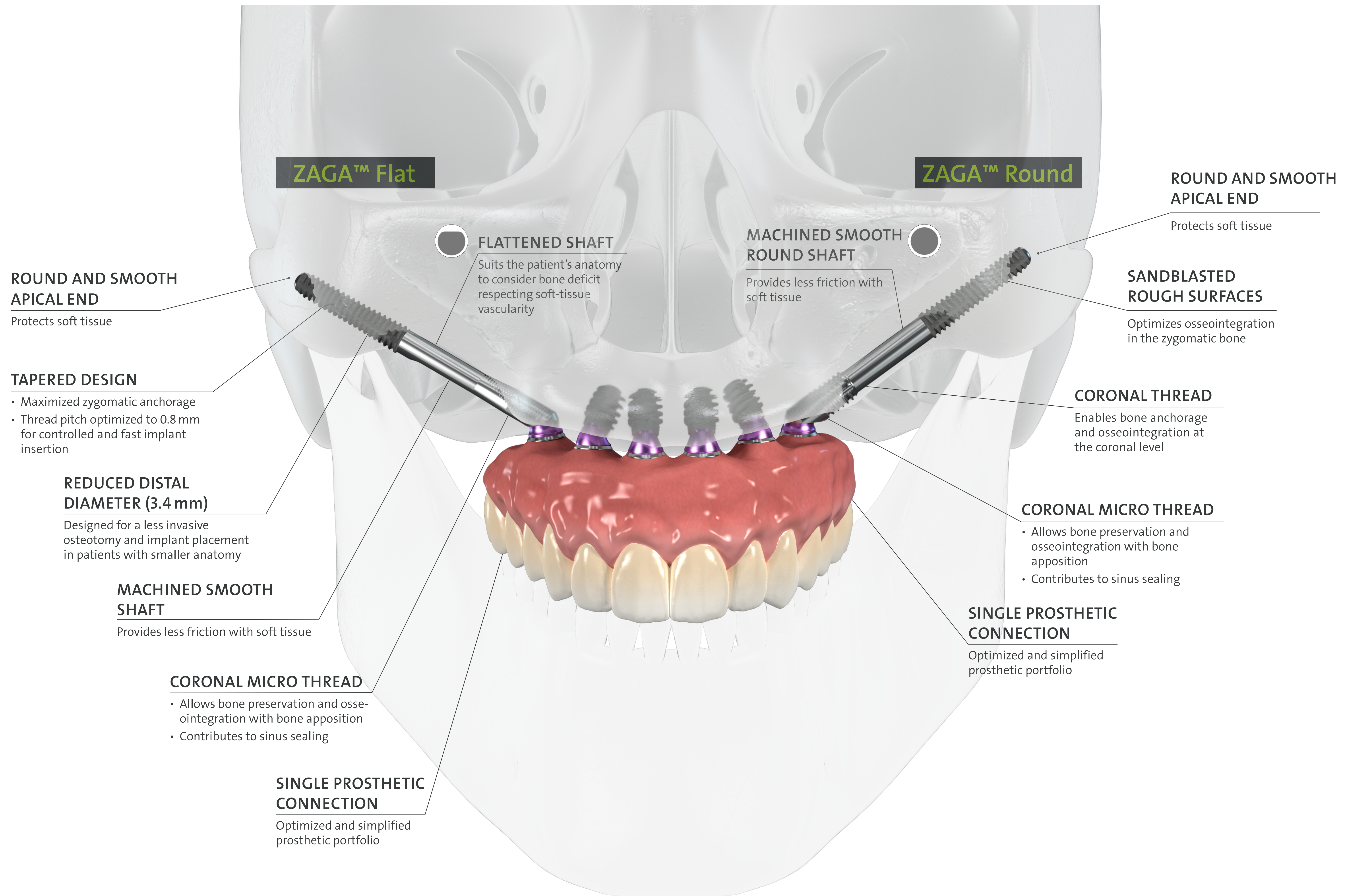# Two implants designed to adapt to patient's anatomy.

ZAGA™ Flat

ZAGA™ Round

ROUND AND SMOOTH APICAL END

Protects soft tissue

FLATTENED SHAFT

Suits the patient's anatomy to consider bone deficit respecting soft-tissue vascularity

MACHINED SMOOTH ROUND SHAFT

Provides less friction with soft tissue

SANDBLASTED ROUGH SURFACES

Optimizes osseointegration in the zygomatic bone

ROUND AND SMOOTH APICAL END

Protects soft tissue

TAPERED DESIGN

· Maximized zygomatic anchorage
· Thread pitch optimized to 0.8 mm for controlled and fast implant insertion

CORONAL THREAD

Enables bone anchorage and osseointegration at the coronal level

REDUCED DISTAL DIAMETER (3.4 mm)

Designed for a less invasive osteotomy and implant placement in patients with smaller anatomy

CORONAL MICRO THREAD

· Allows bone preservation and osseointegration with bone apposition
· Contributes to sinus sealing

MACHINED SMOOTH SHAFT

Provides less friction with soft tissue

SINGLE PROSTHETIC CONNECTION

Optimized and simplified prosthetic portfolio

CORONAL MICRO THREAD

· Allows bone preservation and osse-ointegration with bone apposition
· Contributes to sinus sealing

SINGLE PROSTHETIC CONNECTION

Optimized and simplified prosthetic portfolio

Clinical cases

Dr. Carlos Aparicio
Spain

The ZAGA Concept for a minimally invasive "Canal Osteotomy" combined with the use of a Straumann® Zygomatic.

Dr. Jean Baptiste Verdino
France

Full arch maxillary rehabilitation avoiding cantilevers with Straumann® Zygomatic implants.

Dr. Sepehr Zarrine
France

Bimaxillary full edentulous graftless rehabilitation with Straumann® Zygomatic Implants and Straumann® Mini Implants.

Technical information

Straumann® Zygomatic Implants product range

55° platform for a proper restorative position

Straumann® Zygomatic Screw-retained Abutment ZAGA™
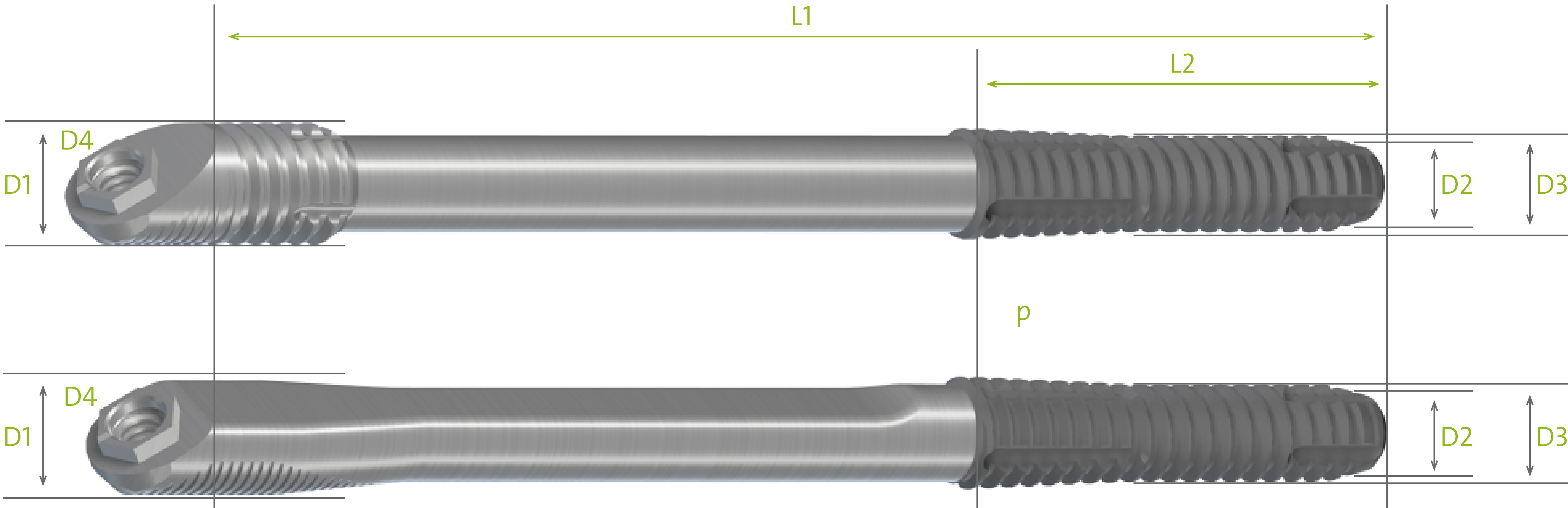
Straumann® Zygomatic Surgical Tray

Treatment planning with coDiagnostiX®

Straumann® Zygomatic Implants Product Range

	Coronal Ø (D1)	Apical Ø (D2)	Distal Ø (D3)	Thread length (L2)	Platform angle (D4)	Thread pitch (p)	Implant length in mm (L1)										
							30.0	32.5	35.0	37.5	40.0	42.5	45.0	47.5	50.0	52.5	55.0
ZAGA™ Round	4.3 mm	2.6 mm	3.4 mm	17 mm	55°	0.8 mm			✔	✔	✔	✔	✔	✔	✔	✔	✔
ZAGA™ Flat	4.3 mm	2.6 mm	3.4 mm	17 mm	55°	0.8 mm	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	

55° platform for a proper restorative position

- The 55° platform accommodates a higher angle for the restorative position.

- No need for angulated abutments.
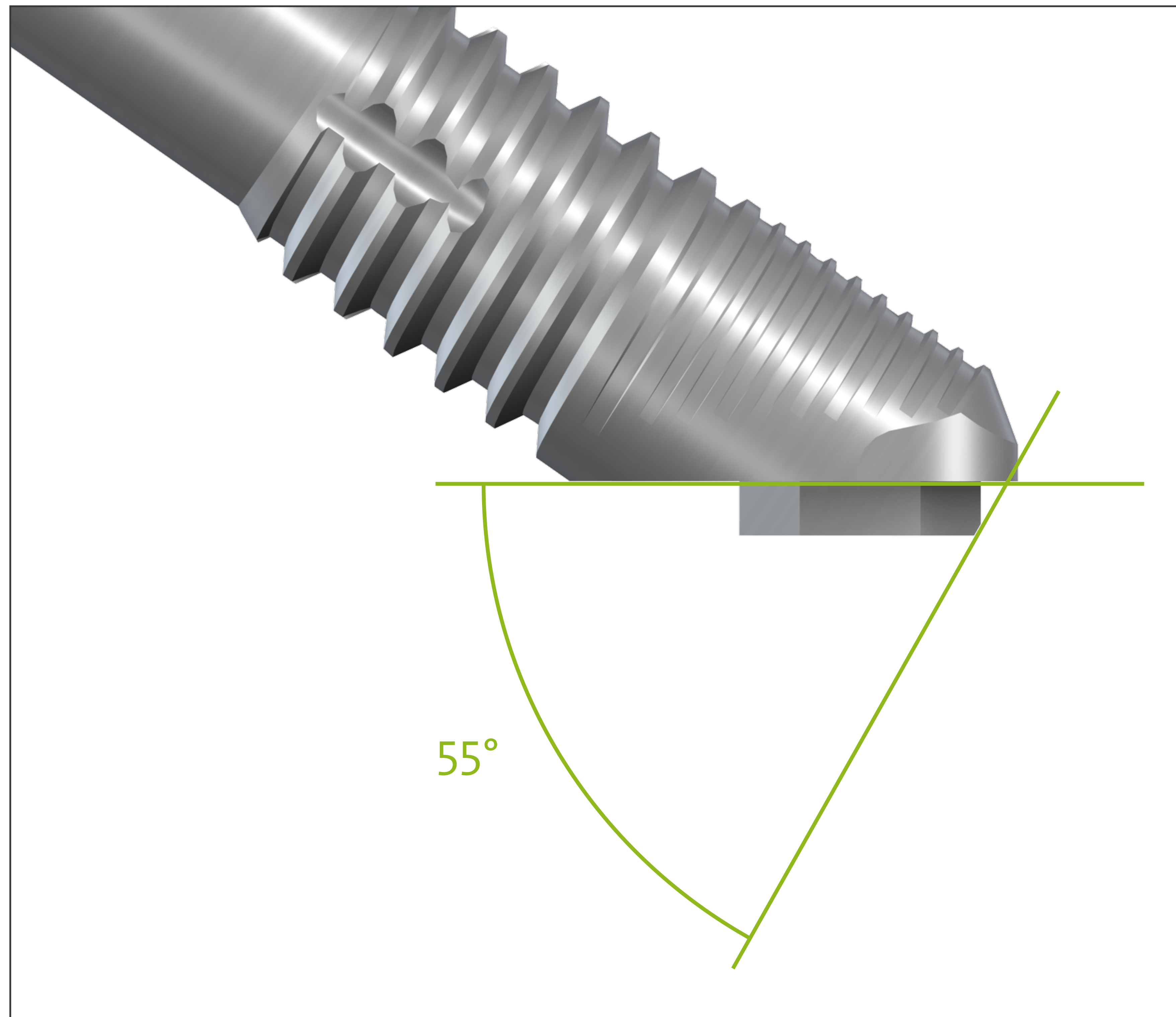
Straumann® Zygomatic Screw-retained Abutment ZAGA™

- Ensures compatibility with the Straumann® Bone Level prosthetic portfolio for fixed overdentures including copings and impression materials.
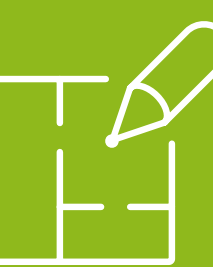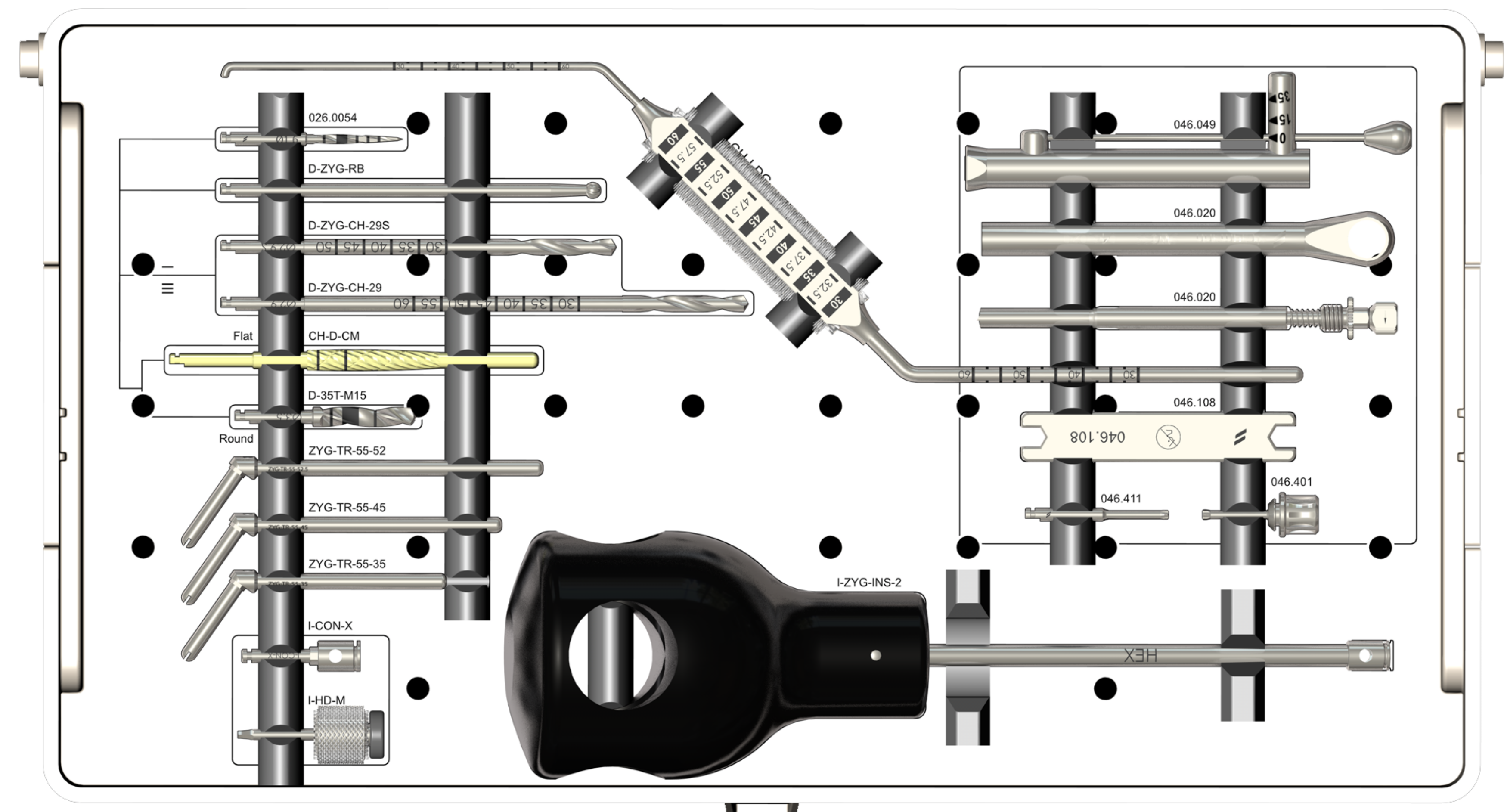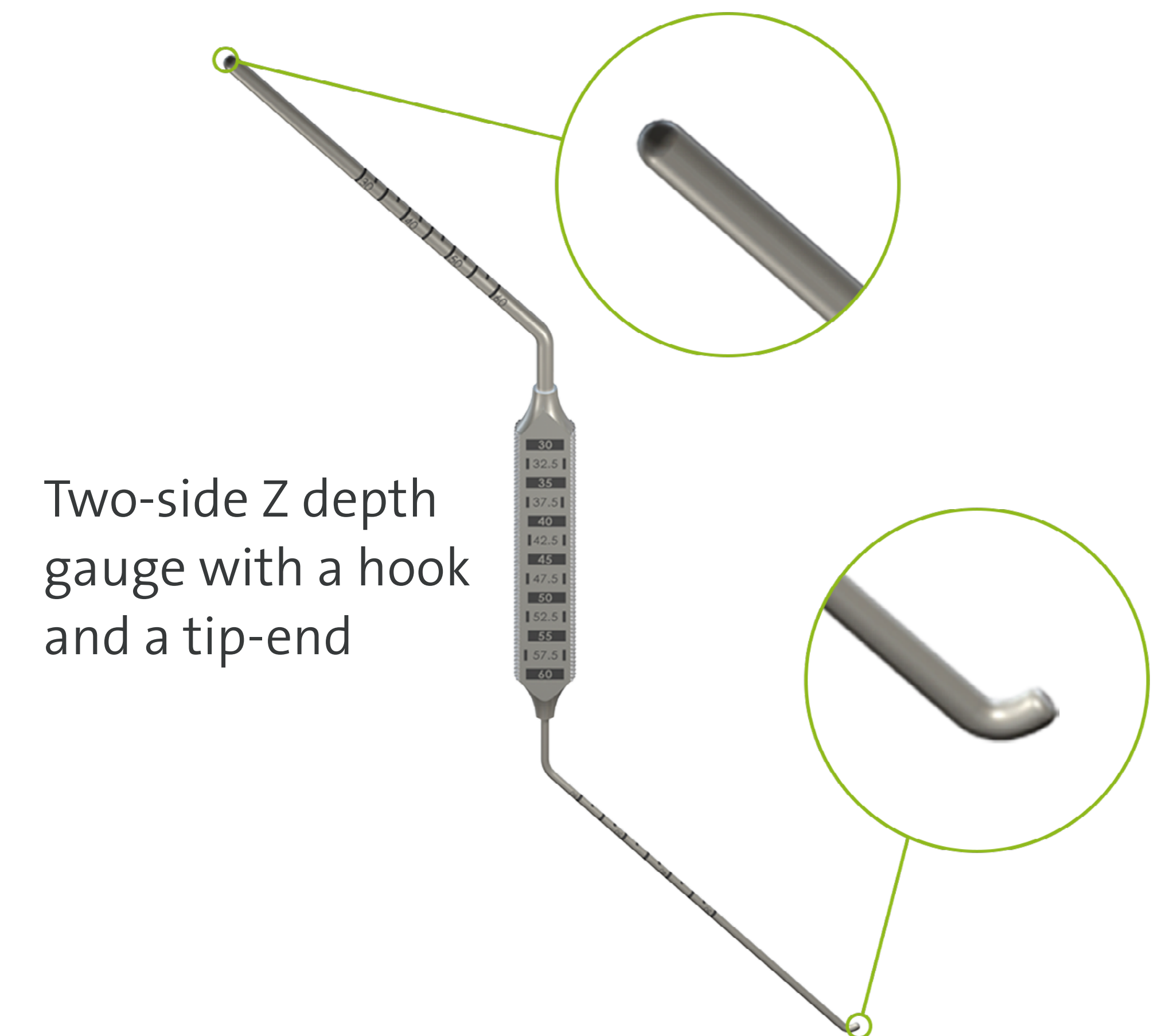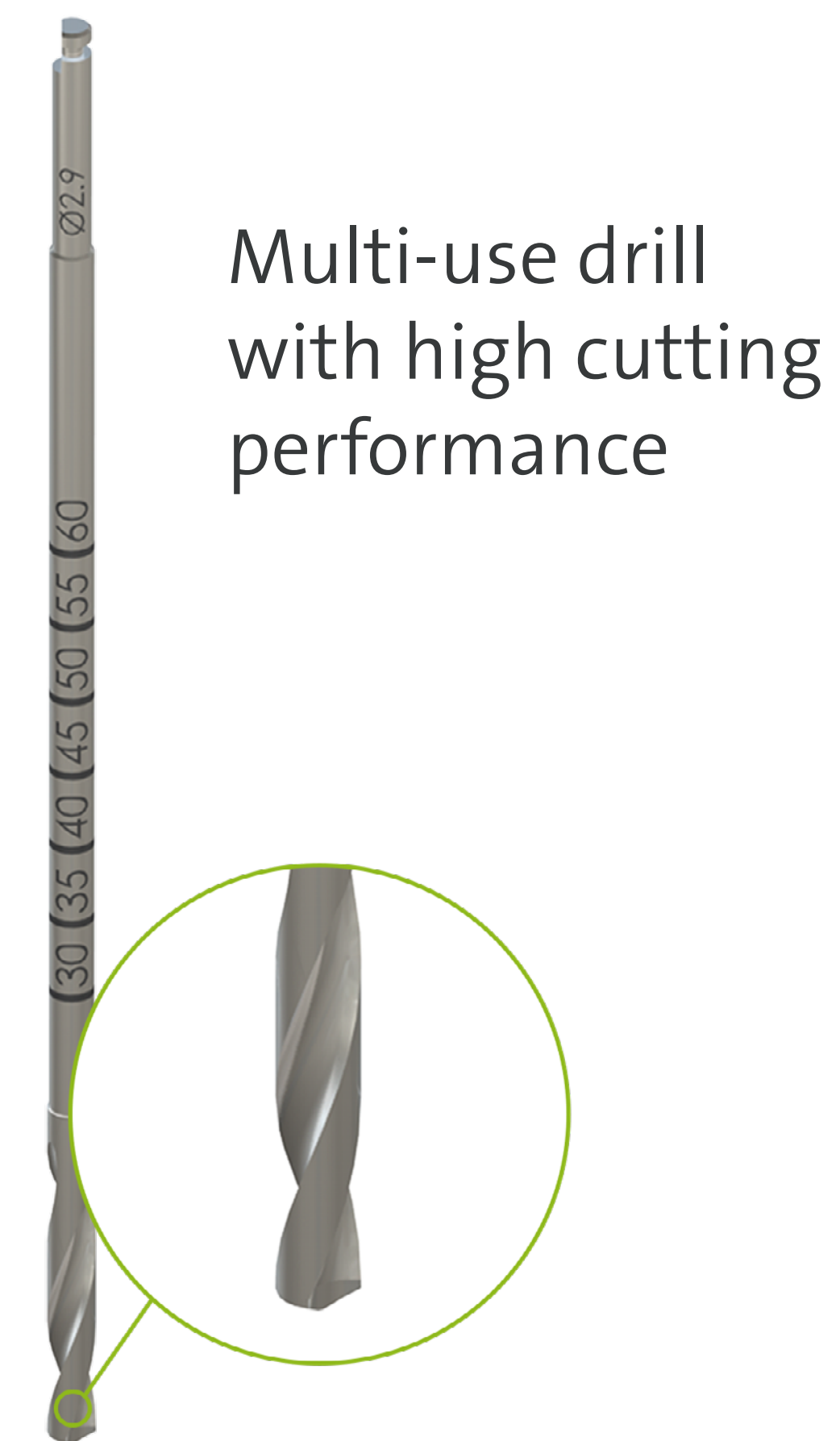
Compatible with Straumann® SCIS screwdriver

Ø 4.6 mm

Ø 4.6

GH

Gingiva height (GH)			
1.5 mm	2.5 mm	3.5 mm	4.5 mm
✔	✔	✔	✔

Straumann® Zygomatic Surgical Tray

Instruments for an optimal placement

Fixture mount with a slim design for an optimal implant placement

Multi-use drill with high cutting performance

Two-side Z depth gauge with a hook and a tip-end

Straumann® Zygomatic Implant System

026.0054
D-ZYG-RB
D-ZYG-CH-29S
D-ZYG-CH-29
CH-D-CM
Flat
D-35T-M15
Round
ZYG-TR-55-52
ZYG-TR-55-45
ZYG-TR-55-35
I-CON-X
I-HD-M
I-ZYG-INS-2
HEX

046.049
046.020
046.020
046.108
046.108
046.411
046.401
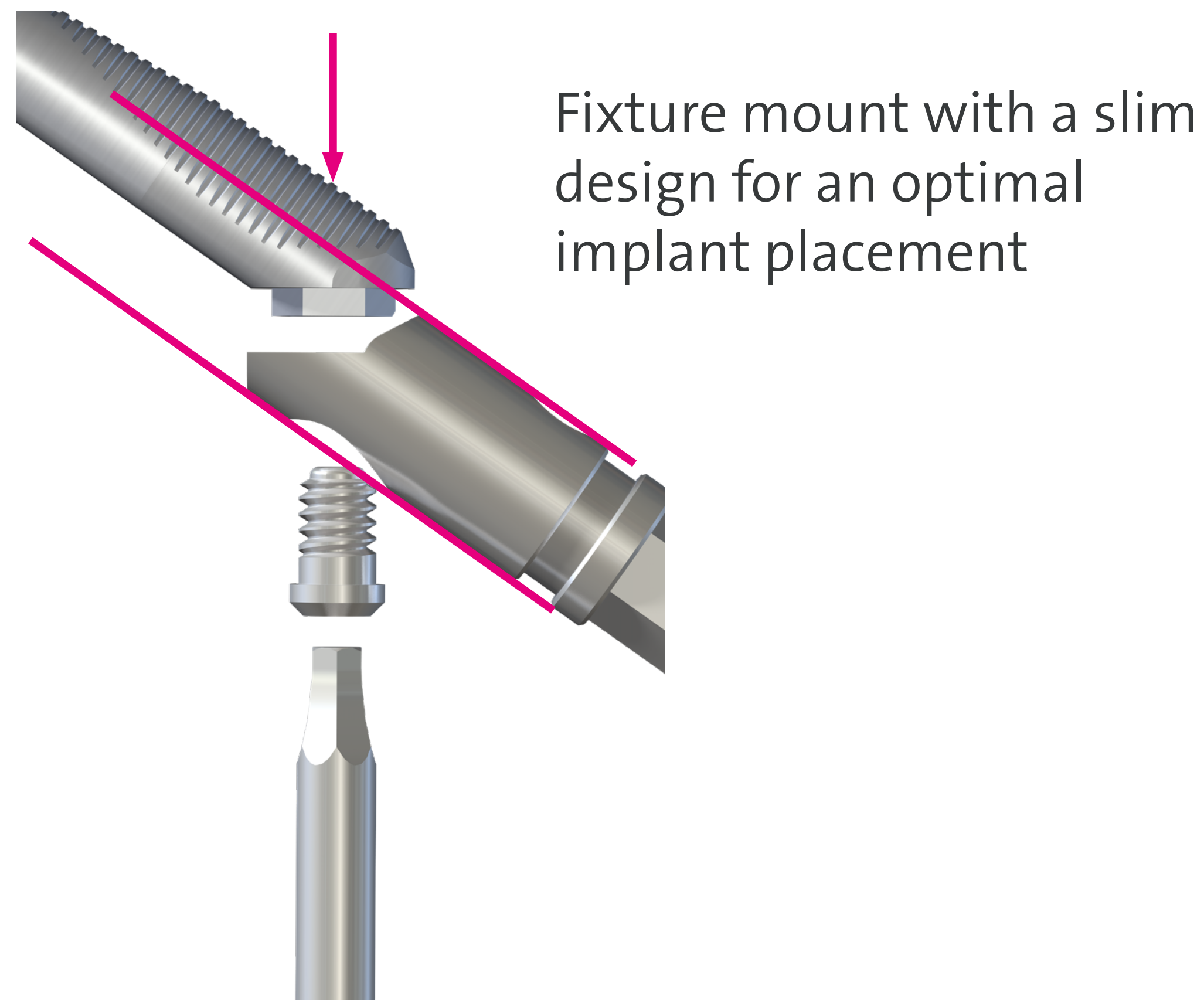
Treatment planning with coDiagnostiX®

- Integration of Straumann® Zygomatic Implant System components data in our digital implant placement software coDiagnostiX® enables to plan fully edentulous cases precisely and easily.

What customers say

Dr. Carlos Aparicio
Barcelona, Spain

"ZAGA™ Flat design allows a significantly more..."

Dr. Sepehr Zarrine
Saint-Dié-des-Vosges, France

"The two implant designs with differentiated surfaces are a wise solution..."

Dr. Edmond Bedrossian
San Francisco, USA

"The Straumann® Zygomatic implant allows for the treatment of any maxillary condition..."

Clinician statement:
Dr. Carlos Aparicio

Barcelona, Spain

« ZAGA™ Flat design allows a significantly more conservative osteotomy and better bone sealing while avoiding soft tissue compression. »

Clinician statement:
Dr. Sepehr Zarrine

Saint-Dié-des-Vosges, France

« The two implant designs with differentiated surfaces is a wise solution that can be used by any zygomatic surgeon and can be adapted to different patient anatomies. »

Clinician statement:
Dr. Edmond Bedrossian

San Francisco, USA

« The Straumann® Zygomatic implant allows for the treatment of any maxillary condition...it provides the Total Solution for the immediacy concept. »

Summary

- Provides edentulous patients with an immediate and predictable fixed solution

- Unique implant designs and straightforward prosthetic concept

- Tailored solutions for patients with various anatomy types and bone deficits

- Compatibility with Straumann® BLX and BLT implants and prosthetics for fixed overdenture

- Integration of Straumann® Zygomatic Implant System components in coDiagnostiX®