Product
Brochure

DIEM® 2

ImmediateFull-Arch Rehabilitation

Impladend
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ZimVie

Step-by-step guidelines serve as a roadmap for treatment

The aim is that patients return home on the same day of surgery with a fixed provisional prosthesis that looks aesthetically pleasing and functions immediately.*

Benefits for patients

- Eliminates the need for loose or painful dentures by providing patients with a fixed provisional prosthesis for increased satisfaction
- Reduces the number of procedures and follow-up visits as compared to single-implant therapy

Benefits for clinicians

- Decreases surgical morbidity
- Allows for implant dentistry access to a large edentulous or partially edentulous patient population
- Offers an additional innovative procedure for the dental practice
- Designed to increase implant treatment acceptance due to a single day procedure

Immediate provisional restoration on four or more implants.

Please refer to the DIEM 2 Guidelines (ZVINST0173) for step-by-step instructions.
* Not all patients are candidates for immediate load procedures.

DIEM 2 full-arch rehabilitation solution

Immediate full-arch rehabilitation*

The DIEM 2 Protocol is designed to help provide long-lasting aesthetic results through comprehensive dental implant therapy for edentulous patients, partially edentulous patients, and those with failing dentition.

Edentulism and failing dentition continue to be major health challenges affecting millions of people worldwide.

Many patients seek full-arch rehabilitation to quickly regain their confidence and quality of life. You can help these patients by offering them DIEM 2, the ZimVie Dental solution for immediate full-arch restoration for one or both arches.

Clinical photograph showing hopeless dentition in both jaws due to advanced, generalized periodontitis.**

The innovative system solution

The DIEM 2 Solution allows for same-day treatment utilizing surgical and prosthetic flexibility with the following components:

- Tapered Implants
- Low Profile Abutments with Prosthetic Components
- Zfx Bars and Frameworks

* Not all patients are candidates for immediate load procedures.
** Clinical photograph courtesy of Dr. Gary A. Morris, DDS†.
† Dr. Morris has or had a financial relationship with ZimVie Dental resulting from speaking engagements, consulting engagements and other retained services.

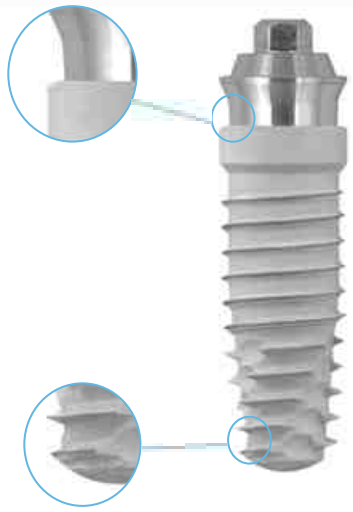
Innovative products that support treatment from beginning to end

ZimVie Dental offers a wide array of versatile surgical and prosthetic components designed to manage each patient's unique clinical needs.

Tapered implants

- Integrated platform switching medializes the implant/abutment junction (IAJ) inward, creating a biologic width between connective tissue and the IAJ[1]- helping to maintain bone levels[1]

- Primary stability is achieved with the implant's uniform thread design to the apex and an intimate fit within the bone to support initial bone-to-implant contact along the full length of the implant



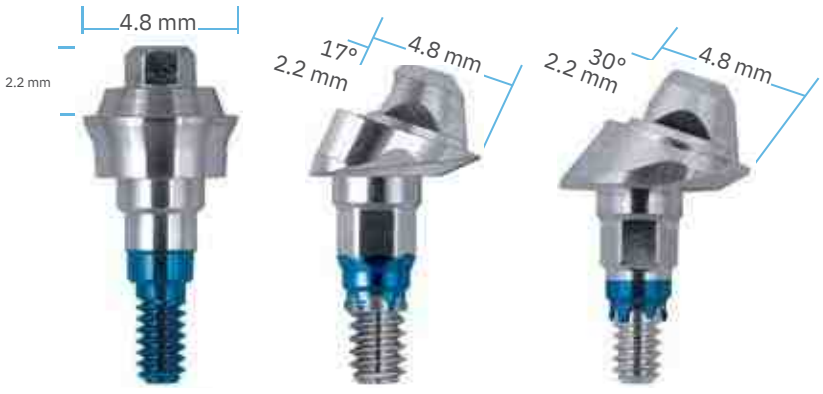
Low profile abutments

- Low 2.2 mm restorative height for functional aesthetic restorations in limited interarch spaces

- Straight and angled options of 17 and 30 degrees; aiming to be ideal for cases where a sinus lift might be avoided

- Consistent 4.8 mm restorative platform throughout the abutment line for fewer parts and pieces

- Contoured profile provides easy placement in subcrestal and flapless surgeries

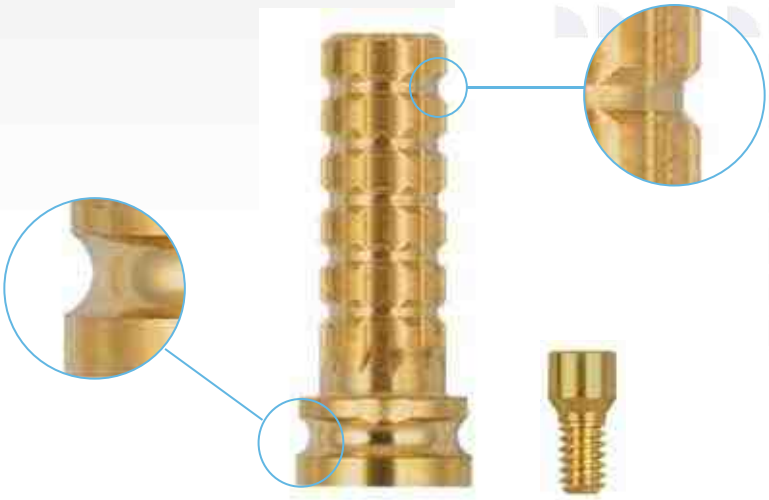


1 Lazzara R†, Porter SS. Platform switching: A new concept in implant dentistry for controlling post-restorative crestal bone levels. Int J Perio Rest Dent. 2006;26:9-17.

† Dr. Lazzara has or had a financial relationship with ZimVie Dental resulting from speaking engagements, consulting engagements and other retained services.

Low Profile abutment prosthetic components

- Good aesthetics are achieved with the gold hue of the Temporary Cylinder through the acrylic resin
- Ease of use is provided by machined concavities at the apex of the cylinders to retain the rubber dam
- Clear visual markers are provided by the machined grooves along the length of the cylinder when measuring and reducing their height
- Greater clamping force with Gold-Tite® Screw technology (Certain® connection) as compared to a titanium alloy screw[2,*]



A wide variety of CAD/CAM bar designs for a strong, precise, and aesthetic definitive fixed prosthesis.

CAD/CAM Bars and Frameworks

- A truly passive fit
- CAD/CAM precision
- No soldering or welding
- No waxing and casting
- Biocompatible alloy

2 Suttin Z†, Towse R†. Effect of abutment screw design on implant system seal performance. Presented at the European Association for Osseointegration, 20th Annual Scientific Meeting; October 2012; Copenhagen, Denmark. http://biomet3i.com/Pdf/Posters/P-450_Ef fec t_of_Screw_Design_on_Implant_Seal.pdf

† Mr. Suttin and Mr. Towse contributed to the above research while employed by ZimVie Dental.

* Pre-clinical studies are not necessarily indicative of clinical results.

Ordering information

Low Profile Abutments

3.4 mm	Seating Surface							
Collar Height	One Piece (Non-Hexed)		Two Piece (Hexed)		17° (Hexed)		30° (Hexed)	
1.0 mm	ILPC341U	LPC341U	ILPC341	LPC341	–	–	–	–
2.0 mm	ILPC342U	LPC342U	ILPC342	LPC342	ILPAC3217	LPAC3217	–	–
3.0 mm	ILPC343U	LPC343U	ILPC343	LPC343	–	–	ILPAC3330	LPAC3330
4.0 mm	ILPC34 4U	LPC34 4U	ILPC344	LPC344	ILPAC3417	LPAC3417	–	–
5.0 mm	–	–	–	–	–	–	ILPAC3530	LPAC3530

4.1 mm	Seating Surface							
Collar Height	One Piece (Non-Hexed)		Two Piece (Hexed)		17° (Hexed)		30° (Hexed)	
1.0 mm	ILPC4 41U	LPC4 41U	ILPC4 41	LPC4 41	–	–	–	–
2.0 mm	ILPC4 42U	LPC4 42U	ILPC4 42	LPC4 42	ILPAC4217	LPAC4217	–	–
3.0 mm	ILPC4 43U	LPC4 43U	ILPC4 43	LPC4 43	–	–	ILPAC4330	LPAC4330
4.0 mm	ILPC4 4 4U	LPC4 4 4U	ILPC4 4 4	LPC4 4 4	ILPAC4 417	LPAC4417	–	–
5.0 mm	–	–	–	–	–	–	ILPAC4530	LPAC4530

5.0 mm	Seating Surface							
Collar Height	One Piece (Non-Hexed)		Two Piece (Hexed)		17° (Hexed)		30° (Hexed)	
1.0 mm	ILPC5 41U	LPC5 41U	ILPC541	LPC541	–	–	–	–
2.0 mm	ILPC5 42U	LPC5 42U	ILPC542	LPC542	ILPAC5217	LPAC5217	–	–
3.0 mm	ILPC5 43U	LPC5 43U	ILPC543	LPC543	–	–	ILPAC5330	LPAC5330
4.0 mm	ILPC5 4 4U	LPC5 4 4U	ILPC5 4 4	LPC5 4 4	ILPAC5417	LPAC5417	–	–
5.0 mm	–	–	–	–	–	–	ILPAC5530	LPAC5530

= Certain® Internal Connection = External Hex Connection

Abutment Compatibility

Component	Hexed Abutment	Non-Hexed Abutment
Hexed	Yes	No
Non-Hexed	Yes	Yes

Low Profile Screws

Description	Item No.
Gold-Tite® Retaining Screw	LPCGSH
Titanium Retaining Screw	LPCTSH
Waxing Screw	LPC WS

Low Profile Laboratory Tools

Description	Item No.
Lapping Tool	LPCAMI
Polishing Protector	LPCPP

Low Profile Abutment Bone Profilers

Description	Item No.
Low Profile Abutment Bone Profiler, 3.4 mmD	LPCBP3
Low Profile Abutment Bone Profiler, 4.1 mmD	LPCBP4
Low Profile Abutment Bone Profiler, 5.0 mmD	LPCBP5

Low Profile Impression Copings & Analog

Description	Item No.
Pick Up Impression Coping (Hexed)	LPCPIC1
Pick Up Impression Coping (Non-Hexed)	LPCPIC2
Twist Lock™ Impression Coping (Hexed)	LPCTIC1
Twist Lock (Non-Hexed)	LPCTIC2
QuickBridge® Impression Coping	LPCRIC
Lab Analog	LPCL A

Low Profile Provisional Restoration Components

Description	Item No.
Temporary Cylinder (Hexed)	LPC TC1
Temporary Cylinder (Non-Hexed)	LPC TC2
Healing Cap	LPCHC
PreFormance® Temporary Cylinder (Hexed)	LPCPTC1
PreFormance Temporary Cylinder (Non-Hexed)	LPCPTC2
QuickBridge	LPCQB
QuickBridge Replacement Cap	LPCQBCAP
Distal Extension	LPCDE

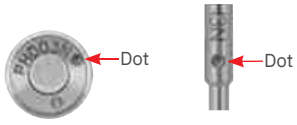
Low Profile Final Restoration Components

Description	Item No.
Gold Cylinder (Hexed)	LPCGC1
Gold Cylinder (Non-Hexed)	LPCGC2
Castable Cylinder (Hexed)	LPCCC1
Castable Cylinder (Non-Hexed)	LPCCC2
Laser Welded Cylinder	LPC TUC A

Large Hex Driver and Driver Tip

Description	Item No.
Large Hexed Driver	PHD02N, PHD03N*
Large Hexed Driver Tip	RASH3N, RASH8N*
Right Angle Abutment Driver Tip Steel	RASA3
Posterior Abutment Driver 17 mmL	PAD00
Standard Abutment Driver 24 mmL	PAD24

* Made narrower to fit with external hexed angled Low Profile Abutments. The Driver and Driver Tips can be identified by a laser marked dot after the item number as pictured below.



For more information, visit ZimVie.com

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