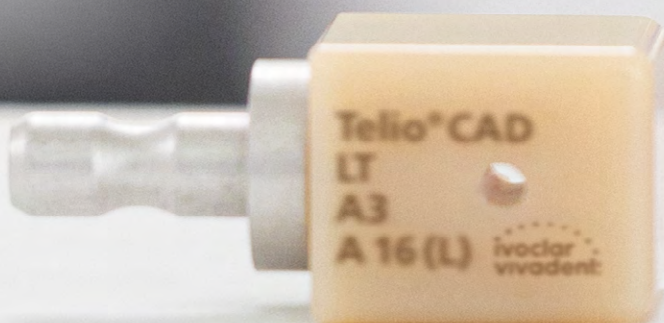
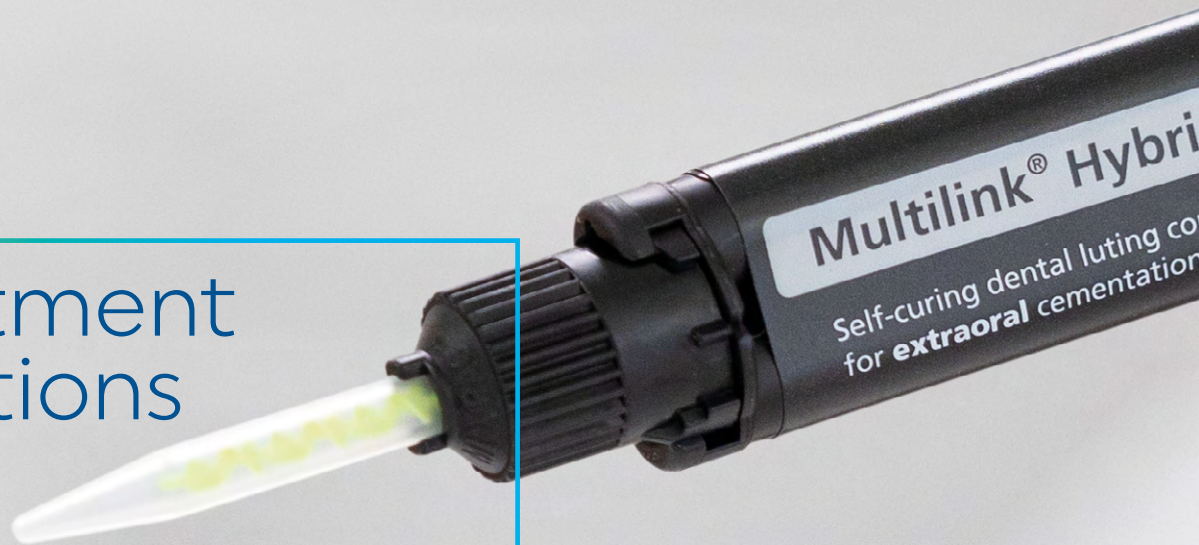


Implant prosthetics – efficient and digital

Abutment Solutions

For customized implant restorations fabricated with CEREC® and inLab®



From the temporary to the final implant-supported restoration

Our Abutment Solutions enable you to fabricate individual implant-supported hybrid structures using CAD/CAM technology – for the restoration of teeth in the anterior and posterior region^[1-3].

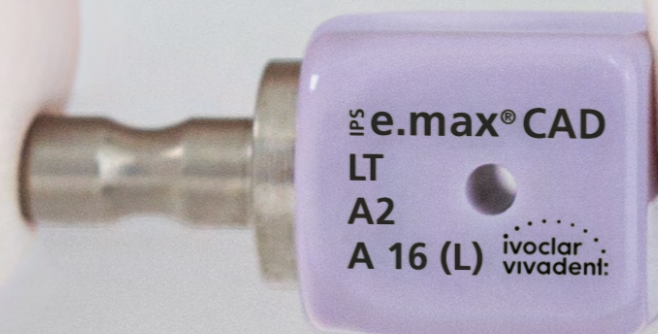
You can either fabricate implant-supported single-tooth restorations from Telio CAD when a temporary solution is required to optimize the emergence profile, or you can create permanent implant-supported restorations directly using IPS e.max CAD^[1-3].

The blocks feature a predefined interface for the direct cementation of the restoration to a titanium bonding base (e.g. Dentsply Sirona TiBase). The self-curing luting composite Multilink Hybrid Abutment is used to extraorally cement the restorations to the bonding base.

- ✓ Efficient fabrication of hybrid abutments and hybrid abutment crowns for single-tooth replacements^[1-3].
- ✓ Excellent fit due to CAD/CAM processing technology^[2]
- ✓ Clinically proven materials^[1-3]
- ✓ Optimum esthetic result due to the high opacity of Multilink Hybrid Abutment
- ✓ Care products for the different phases of the implant treatment and aftercare throughout the service life of the restoration.

More information

Explore the workflow step-by-step:
www.ivoclar.com/abutment-solutions



Telio® CAD

The temporary restoration

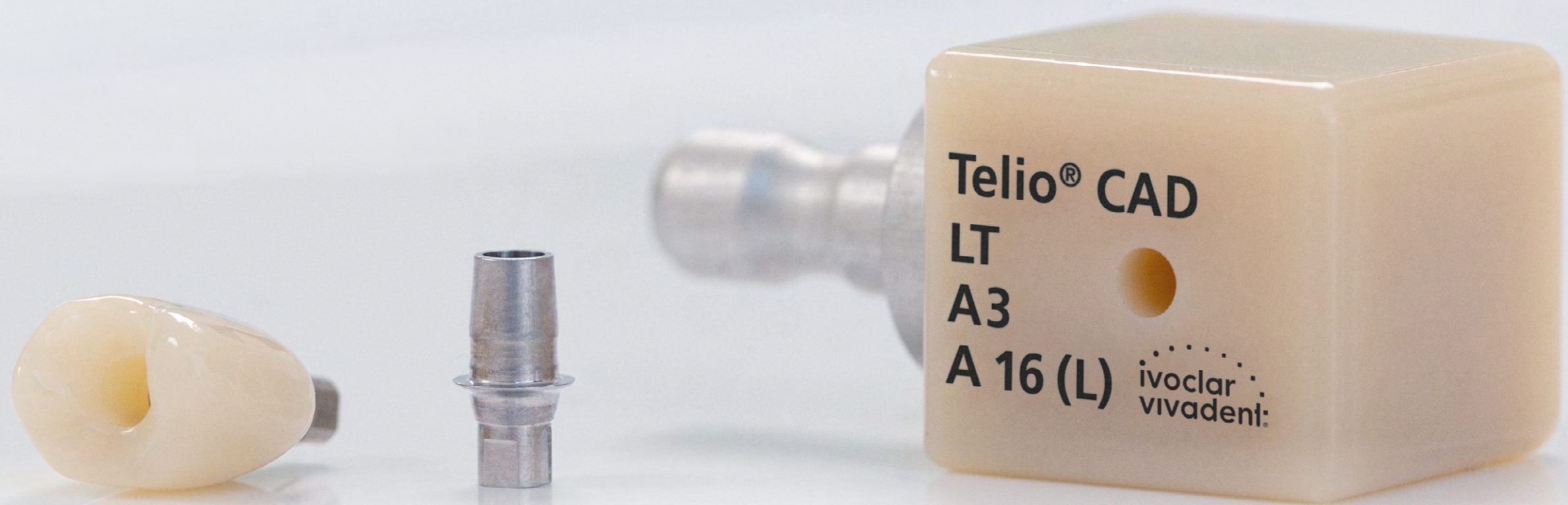
Telio CAD is a cross-linked PMMA material for the efficient fabrication of hybrid abutment crowns. This 2-in-1 solution, i.e. crown and abutment combined, is used after the insertion of the implant and before the placement of the permanent restoration made of IPS e.max® CAD^[1,4].

Provisional Telio CAD restorations support gingival recontouring during the initial treatment phase. The surrounding soft tissue is individually shaped^[1,4].

Hybrid abutment crown



Telio CAD



Blocks are available in size A16 and in nine shades (BL3, A1, A2, A3, A3.5, B1, B3, C2, D2) as well as in the translucency level LT (Low Translucency).

Telio CAD A16 blocks feature a predefined interface of size S or L for the direct cementation to a titanium bonding base.

- ✓ Visualization of the final restoration
- ✓ Suitability for immediate loading after the cementation to the titanium bonding base^[1,4]
- ✓ Effortless customization of the emergence profile^[1,4]

IPS e.max[®] CAD

The final implant-supported restoration

Once a permanent solution is required, IPS e.max CAD can be used to fabricate individual hybrid structures for implant-supported single-tooth restorations^[1,3].

Depending on the situation, a tooth-shaded hybrid abutment with separate crown or a monolithic hybrid abutment crown can be fabricated^[1-2]. The particularly strong lithium disilicate glass-ceramic (530 Mpa^[5]) follows on seamlessly from the temporary Telio CAD restoration.

Hybrid abutment

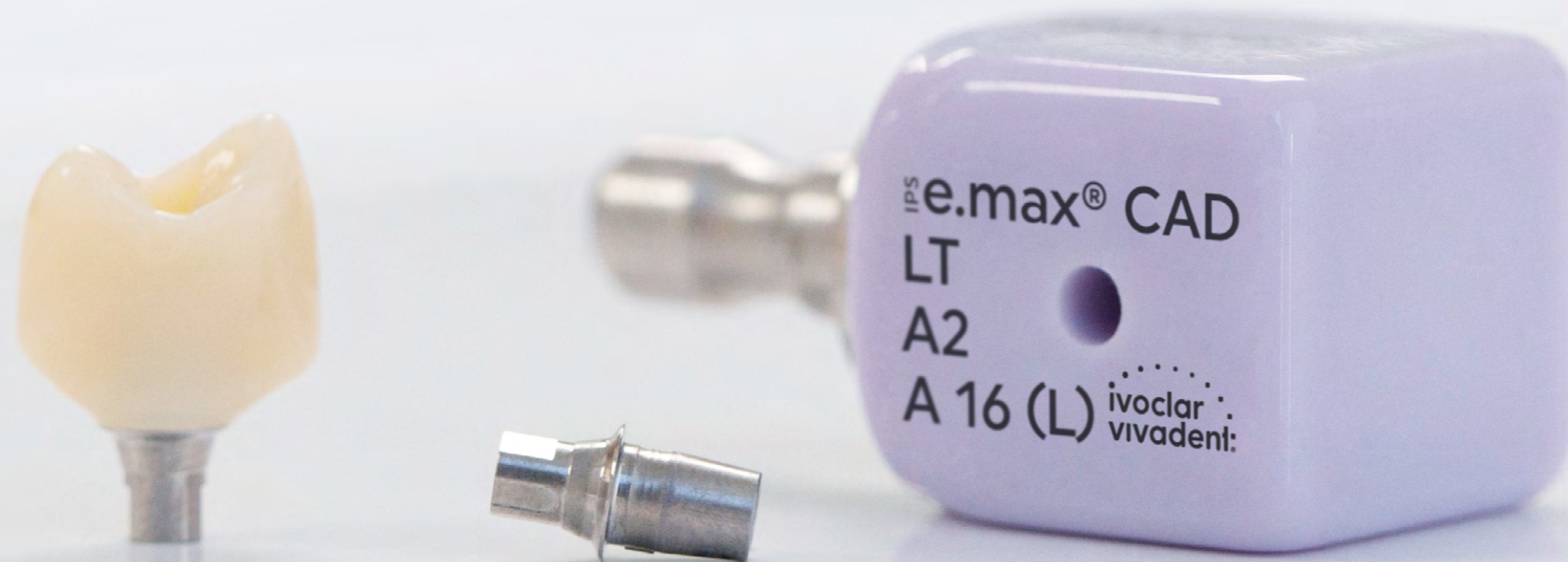


IPS e.max CAD MO or LT

Hybrid abutment crown



IPS e.max CAD LT



Blocks are available in different sizes and LT (Low Translucency) and MO (Medium Opacity) shades.

– Block sizes LT: A14 and A16 are available in the shades BL2, A1, A2, A3, A3.5, B1, B2, C1, C2, D2.

– Block sizes MO: A14 are available in shades 0, 1, 2, 3, 4.

IPS e.max CAD Abutment Solutions blocks feature a pre-defined interface of size S or L for the direct cementation to a titanium bonding base.

- ✓ Esthetic restorations due to tooth-shaded hybrid abutments
- ✓ Hybrid abutment crown (2-in-1) offers functionality and efficiency^[2-3]
- ✓ Good biocompatibility with oral soft tissue^[3]

Multilink® Hybrid Abutment

Extraoral cementation

Telio CAD and IPS e.max CAD restorations are cemented to the titanium bonding base in only a few steps using the self-curing luting composite Multilink Hybrid Abutment.

Reliable

Permanent cementation due to high bond strength values^[1,3]

Esthetic

Optimum esthetic appearance due to high opacity

User-friendly

Easy handling due to the practical automix syringe

Monobond Plus

The universal primer conditions the titanium bonding base and the IPS e.max CAD restoration and prepares both for the cementation with Multilink Hybrid Abutment.

SR Connect

The bonding agent conditions the temporary restoration made of Telio CAD and prepares it for the cementation with Multilink Hybrid Abutment.





"Telio CAD A16 and IPS e.max CAD blocks optimally complement each other. Therefore, CAD/CAM users are provided with a complete digital workflow which enables them to reliably fabricate temporary restorations and permanent hybrid abutment crowns."

Dr S. Puri, USA



"Telio CAD A16 blocks close the gap in the system chain of the proven IPS e.max CAD Abutment Solutions by including the temporization stage. The temporary restoration can be incorporated immediately after the implantation procedure or after the healing phase. Furthermore, it offers many options in terms of soft tissue management. Therefore, Telio CAD A16 forms the basis for an esthetic and functional treatment result."

Dr A. Kurbad, Germany



The IPS e.max Guarantee

IPS e.max has been a firm favourite with dentists and patients for many years. Every 10 seconds, an IPS e.max restoration is placed [6].

10-
year
guarantee



Take advantage of 10-year guarantee we offer on IPS e.max restorations. Trust builds confidence.

More information about the guarantee:
www.ivoclar.com/ips-e.max-guarantee

Literature

- [1] Çömlükoglu M, E et al, Clin. Oral. Investig. 2017, 2018, 22, p. 475-486.
 - [2] Zhang Y et al, Clin. Oral. Implants. Res. 2019, 30, p. 1059-1066.
 - [3] De Angelis P et al, J. Prosthet. Dent. 2019, 123, p. 252-256.
 - [4] Kurbad A, Int. J. Comput. Dent. 2014, 17, p. 239-251.
 - [5] Mean biaxial flexural strength, results after more than 10 years of continuous quality tests, R&D Ivoclar, Schaan.
 - [6] Based on worldwide sales figures. Additional data on file.
- CEREC® and inLab® are not registered trademarks of Ivoclar Vivadent AG.

Individualized implant restorations



Preparation

OptraGate for retracting the lips and cheeks easily and gently over a large area



Temporary restoration

Telio CAD for temporary restorations



Permanent restoration

IPS e.max CAD for permanent customized hybrid restorations



Cementation

Multilink Hybrid Abutment for permanently cementing restorations to the titanium bonding base



Care

Implant Care products for assuring the long-term quality of valuable implant restorations