

update

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Tetric EvoFlow®

Precision application thanks to new design

The top-selling flowable composite in Europe – Tetric EvoFlow® – is now available in a new ergonomic delivery form. The composite can be used easily and comfortably.

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COMPETENCE IN COMPOSITES



Ivoclar Vivadent gets to the heart of the matter by introducing a new design of Tetric EvoFlow®. Thanks to the new 0.9-mm metal tip, the flowable Tetric EvoFlow composite can be easily applied exactly to the area where it is needed. The Cavifils are also equipped with an extra-thin tip. These slender tips are ideal for placing minimally invasive restorations in very small, hard-to-reach cavities. Precision application is further facilitated by the ergonomic design of the application syringe as the recessed grip allows the syringe to fit comfortably in the hand. The consistency of Tetric EvoFlow has remained unchanged.

Both flowable and stable

Tetric EvoFlow is striking from the outside and equally stunning from the inside, offering a few outstanding features. The flowable composite is suitable for all indications due to its ideal consistency combining optimum flow behaviour with good stability: the material flows where it is needed and is stable when required.

The Viscosity Controller is responsible for this behaviour as it regulates the material's flowability the very moment it is being dispensed. As a result, no voids remain under the restoration, even when restoring teeth in difficult-to-reach areas.

Tetric EvoFlow at a glance:

- **Flowable when desired. Stable as required.**
- **Ideal consistency for all composite indications.**
- **Top-selling flowable composite in Europe.**



Tetric EvoFlow is available in a comprehensive array of shades and this range has now been supplemented by an additional three shades: B1 Enamel, A2 Dentin and B2 Dentin. The dentin materials can be used to mask light stains in posterior teeth. This wide range of materials facilitates the choice of a suitable shade.

Tetric EvoCeram® Bulk Fill

A new level of efficiency in posterior restorations

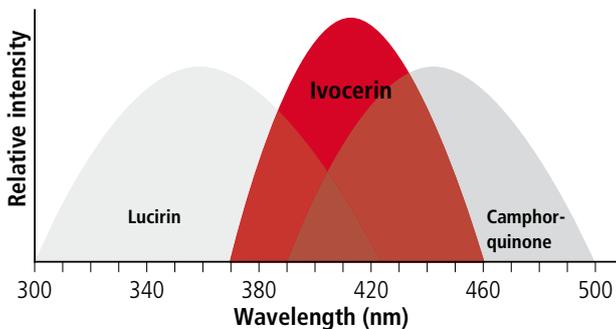
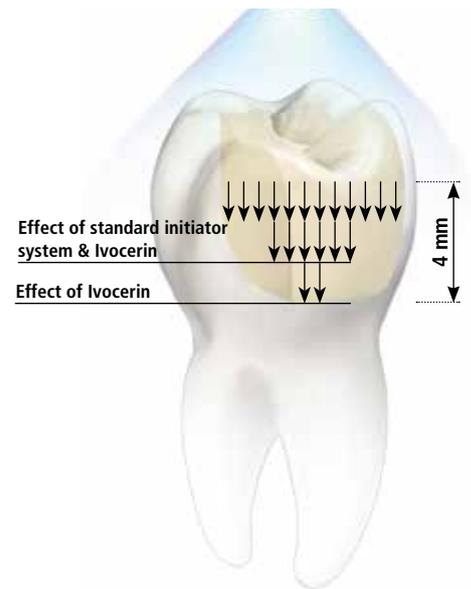
Tetric EvoCeram® Bulk Fill is the new 4-mm-bulk composite from Ivoclar Vivadent. This material takes posterior restorations to a new level of efficiency, offering a streamlined working procedure: apply, contour, polymerize – done.

Previous application methods used to involve the application of several 2-mm increments with intermediate polymerization intervals until the cavity was properly filled. Now, the posterior Tetric EvoCeram® Bulk Fill composite can be applied in layers of up to 4 mm and then polymerized in a single step. In addition to the two most commonly used light initiators, camphorquinone and Lucirin, Tetric EvoCeram Bulk Fill incorporates a polymerization booster called Ivocerin. This initiator is several times more effective than conventional initiators and the polymerization reaction is reliably activated even in deep cavities. Tetric EvoCeram Bulk Fill can be effectively cured in only 10 seconds ($\approx 1,000 \text{ mW/cm}^2$), e.g. using the Bluephase® Style ($1,100 \text{ mW/cm}^2 \pm 10 \%$).

Enamel-like translucency

Translucency is another essential aspect of a composite. The darker and more opaque the material, the shallower the depth of cure will be because less light is available for the initiators. Normally, a curing depth of 4 mm, as seen in Tetric EvoCeram Bulk Fill, is only possible if a material is highly translucent or contains only a small amount of fillers. In this respect, conventional initiators quickly reach their limits. Unlike other bulk-fill composites, Tetric EvoCeram Bulk Fill features an enamel-like translucency of 15 per cent. In addition, Ivoclar Vivadent's patented photoinitiator ensures a reliable depth of cure.

The effect of the Ivocerin polymerization booster



+ Standard initiator system
Ivocerin
Complete polymerization of 4-mm increments

In addition to conventional photoinitiators, Ivocerin from Ivoclar Vivadent is utilized to ensure a reliable and fast cure to a depth of 4 mm.

Tetric EvoCeram® Bulk Fill is awarded top rating

The independent US test institute The Dental Advisor granted Tetric EvoCeram Bulk Fill the five-star top mark of 'Excellent' and the attribute 'Editor's Choice'. This rating confirms the properties of this material.

A comment from a consultant:

"This is now my 'go to' composite for posterior restorations."

Source: Dental Advisor Vol. 29, No. 05 June 2012

Bluephase® Style

Shortened light probe with a large effect

Small and handy, the Bluephase® Style LED curing light enables access to all tooth surfaces even in difficult-to-reach areas due to the shortened light probe tip.

The light probe of Bluephase Style is clearly distinct from conventional curing lights. It is noticeably shorter, facilitating light curing even under the most difficult conditions. Bluephase Style is especially advantageous in the treatment of patients with limited capability of keeping their mouth wide open and in children. Thanks to the large diameter

of 10 mm, the Bluephase Style is capable of completely covering large cavity surfaces, which renders time-consuming multiple curing cycles for MOD restorations unnecessary. The light probe can be rotated by 360 degrees, allowing easy access to all tooth surfaces.

Bluephase Style is a cordless curing light offering a high performance of $1,100 \text{ mW/cm}^2 \pm 10 \%$. Equipped with the proven polywave® LED technology, it is suitable for all current photoinitiators and materials in the wavelength range of 385 to 515 nm used in dentistry.



Pictures: Dr Eduardo Mahn, Santiago de Chile



Left: The shortened light probe tip facilitates access to the treatment field.

Right: Conventional LED unit with long light probe tip.

Cervitec® Plus

Effective protection against root caries

Exposed tooth necks represent a major risk for developing root caries. Older people are particularly susceptible to this type of tooth decay.

As patients grow older, their gums may recede and tooth necks and root surfaces are exposed to the oral flora without protection. This situation requires special preventive measures and effective treatment methods. The Cervitec® Plus protective varnish has been proven to inhibit the formation of root caries and allows targeted

control of cariogenic bacteria. An expert panel of the American Dental Association also recommends the application of a chlorhexidine and thymol containing varnish – like Cervitec Plus – to reduce the risk for root caries (Rethman et al. 2011). The varnish should be applied at intervals of no longer than three months.

Literature: Rethman MP et al.: Nonfluoride caries-preventive agents: Executive summary of evidence-based clinical recommendations. JADA 2011; 142: 1065–1071. <http://jada.ada.org/content/142/9/1065>



Targeted application of Cervitec Plus on a tooth neck to prevent root caries (Picture: Dr A. Peschke).



Cervitec Plus: protective varnish containing chlorhexidine and thymol

Would you like something extra?

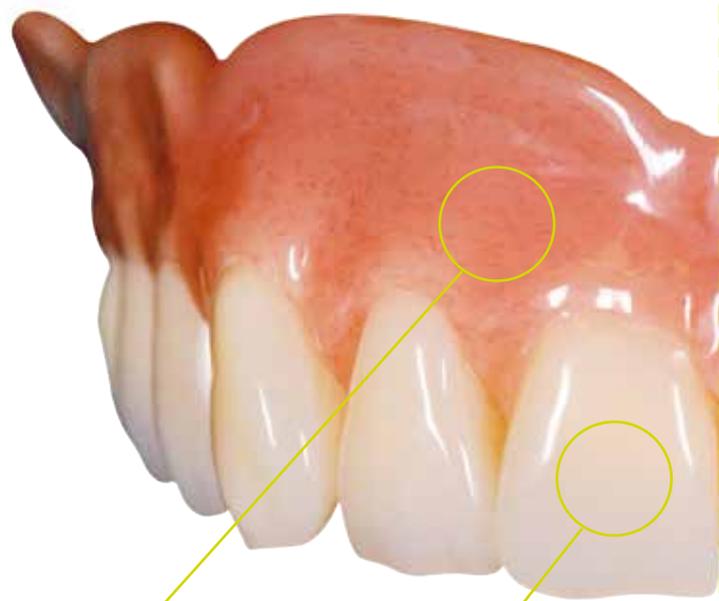
Dentures as individual as the patients: This objective can be attained. They complement one another – to produce an all around satisfaction.

IvoBase® - Injection System

Denture base material does not equal denture base material

The quality of the denture base greatly depends on the physical properties, accuracy of fit and residual monomer content of the material used. The IvoBase® material is pre-dosed in capsules; thus, it can be mixed without additional equipment and without skin contact. The controlled injection process of the IvoBase® Injector is fully automated: The chemical shrinkage during polymerization is compensated by material continuously pressed in. In this context, the "RMR" function (Residual Monomer Reduction) is an absolute novelty. It reduces the residual monomer content to an extremely low level of <1%. Shade 34-V of IvoBase High Impact is identical to shade BG34 of the SR Nexco laboratory composite. The result is an excellent shade match.

Without individualization



SR Phonares® II

A denture tooth with impressive

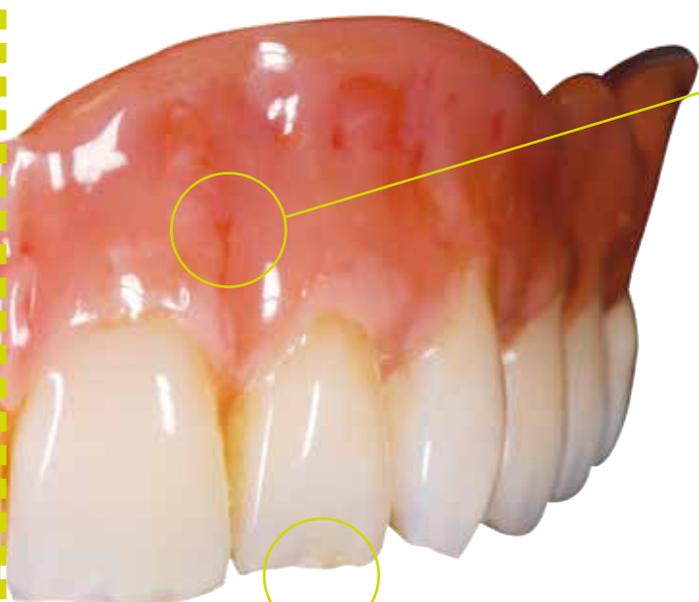
Denture teeth are met with high expectations - on the part of patients - as lifelike as possible so that the difference to the natural teeth is minimal. They have the same shade as the veneering material, and that can be achieved with dentures. The SR Phonares® II tooth line meets all these requirements for expressive restorations.





ined with new, combinable products from Ivoclar Vivadent.
actory result.

With individualization



SR Nexco

**True-to-nature
appearance:
made easy**

SR Nexco is a purely light-curing laboratory composite with micro-opal fillers, suitable for various applications in combined denture prosthetics. The ideal base shade is the result of coordinated shades. Shade 34-V of IvoBase® is identical to shade Basic Gingiva 34 of SR Nexco. Using additional Intensive Gingiva and Gingiva components, a gingiva with a lifelike appearance can be designed in a targeted fashion. Moreover, SR Phonares II dentures can be modified and individualized with SR Nexco. Alloys also from Ivoclar Vivadent are used as framework materials. The combinable products open up new and manifold possibilities.



ssive properties

patients, technicians and dentists. Patients want esthetic teeth designed
is not visible. Technicians want teeth that are quick and easy to set up,
an even be individualized if required. And clinicians want durable
ments: true-to-nature esthetics, functionality and durability – for

**“True to the motto:
Because we would like
something extra.”**



"Authorized Milling Partner" Program



New partners in Germany, Sweden, Hong Kong and Japan

Ivoclar Vivadent widens the successful cooperation with milling centres. Hence, customers benefit from exact restorations – in the usual quality.

Throughout the world, customers may resort to high-quality and esthetic restorations from the "Authorized Milling Partners" of Ivoclar Vivadent. These are certified milling centres with coordinated processes: processes that have been tailored for Ivoclar Vivadent materials and their properties.

The program has grown by another four strong partners:

- **Infinident** in Germany exclusively uses certified materials that have been specifically developed for the respective range of applications. As a new "Authorized Milling Partner", Infinident relies on CAD/CAM materials from Ivoclar Vivadent.
- **OpenMill** offers dental CAD/CAM technology and high material diversity to customers in Scandinavia. For that, OpenMill relies on versatility and high-quality materials from Ivoclar Vivadent.
- **Digitek Dental Solutions** is headquartered in Hong Kong and offers a comprehensive range of products to customers in Asia. Fabricated using up-to-date CAD/CAM technology and high-quality materials from Ivoclar Vivadent.
- **Wada** is among the largest milling centres and laboratories in Japan. As an "Authorized Milling Partner", Wada provides modern CAD/CAM technology and materials from Ivoclar Vivadent.



For more information please contact your local Ivoclar Vivadent representative or learn more from www.ivoclarvivadent.com/amp

In the context of the "Authorized Milling Partner" program customers benefit from the following advantages:

- High-precision restorations with excellent surface quality
- High quality standards: materials and restorations are scientifically tried-and-tested
- Coordinated products and system solutions for the completion of the restorations

IPS e.max[®]

Patient Information

Versatile possibilities with IPS e.max[®]

The desire for beautiful teeth is a natural one – and a good reason for patients to pay attention to the selection and quality of the restoration. But how should they get their bearings?

With IPS e.max, patients are provided with highly esthetic and high-strength restorations. The all-ceramic system can be used for many indications ranging from thin veneers to 12-unit bridges. The IPS e.max Patient Information is available immediately. Laid out in dental offices, the brochure provides information about “all-ceramic restorations” – a topic that is always important if a tooth has to be reconstructed or replaced. After all, it is not the point to restore function alone: an expressive, appealing esthetic appearance is becoming increasingly important.

In addition to providing patient-oriented information about all-ceramics as tooth replacement, the IPS e.max Patient Information briefly outlines the most important indications (veneers, crowns, bridges, implant-retained restorations) with the help of real patient cases. Contact your national Ivoclar Vivadent representative for further information.



The patient brochure is available free of charge in English and in German. It can be ordered from your sales representative or from the company headquarters in Schaun (+423 235 3636).

OptraGate[®] ExtraSoft

Optimum view when using intraoral scanning technologies

For dentists, a clear view of the working field is an essential prerequisite for successful treatment. The same is true for the digital scanning technologies: Only with precise digital imaging can an optimum result be ensured.

The OptraGate[®] ExtraSoft lip and cheek retractor facilitates the access to the treatment area. It softly and flexibly adapts to every face and jaw shape and is thus very comfortable to wear. OptraGate is a popular aid for dentists and their assistants, in turn, to ensure interference-free working procedures during dental treatment. The range of applications includes everything from routine dental prophylaxis measures up to orthodontic therapy procedures.

Even in this age of digital technology, OptraGate significantly facilitates taking intra-oral images. OptraGate ExtraSoft creates an easily accessible, clear working field and thus the optimum prerequisite for high-quality therapy results. Either for diagnostics or digital precision impressions – OptraGate will significantly facilitate digital scanning.



OptraGate – optimum view for intraoral scans
(Photo: Dr. Lukas Enggist).



Distinguished by innovation

Healthy teeth produce a radiant smile. We strive to achieve this goal on a daily basis. It inspires us to search for innovative, economic and esthetic solutions for direct filling procedures and the fabrication of indirect, fixed or removable restorations, so that you have quality products at your disposal to help people regain a beautiful smile.



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