

update

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IPS 99®

The metal-ceramic for higher economic efficiency

The new metal-ceramic IPS 99® allows efficient and easy fabrication of lifelike restorations.

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FIXED PROSTHETICS



Owing to the outstanding material composition, the metal-ceramic features flexibility in processing and a high technique tolerance. This permits easy handling with reliable results, irrespective of the skills of the dental technician. IPS 99 is available in two versions: the one-layer metal-ceramic IPS 99 One and the conventional, metal-ceramic IPS 99 Ceram.

IPS 99 One for higher economic efficiency

The one-layer metal-ceramic IPS 99 One is processed easily and efficiently. Restorations are fabricated with only one layer after the opaquer firing. IPS InLine One dentical – a specially formulated one-layer material – enables the dental technician to exclusively focus on the shape, thus simplifying the layering process. A subsequent fine-tuning step with Shade and Stains optimizes the restoration.

IPS 99 Ceram for higher esthetics

The conventional, production-oriented metal-ceramic provides even more esthetic possibilities during layering. Expandable with additional components, IPS 99 Ceram masters the challenges of the daily lab routine in accordance with the initial situation and the respective requirements.





IPS e.max[®] CAD Abutment Solutions and Multilink[®] Hybrid Abutment

Highly esthetic implant-supported hybrid restorations

IPS e.max[®] CAD Abutment Solutions comprise implant-supported hybrid restorations for single teeth. Individually fabricated lithium disilicate (LS₂) ceramic structures are cemented to a titanium base, ideally using the Multilink[®] Hybrid Automix luting composite.

The IPS e.max CAD Abutment Solutions segment is presented for the first time. The segment comprises lithium disilicate blocks that are designed for the individual fabrication of hybrid abutments and hybrid abutment crowns using CAD/CAM processing technology. These components are subsequently bonded to a titanium base. IPS e.max CAD Abutment Solutions are suitable for producing implant-supported hybrid restorations for single teeth. The new block sizes A 14 and A 16 are available in a variety of shades and two translucency levels, MO for hybrid abutments and the LT for hybrid abutment crowns. Moreover, they feature a special interface, e.g. for Sirona TiBase.



Strong permanent bond

The new self-curing luting composite Multilink Hybrid Abutment is used to permanently cement ceramic structures made of lithium disilicate and zirconium oxide on titanium and titanium alloy bases (e.g. abutment or adhesive basis). This adhesive cement, which has been specially developed for use with IPS e.max Abutment Solutions (Press and CAD), is applied quickly and easily by means of convenient automix syringes. The high opacity level of Multilink Hybrid Abutment shades MO 0 and HO 0 ensures flawless esthetic results. What is more, the product displays excellent bond strength.



IPS e.max[®] CAD Monolithic Solutions

The indication range of IPS e.max[®] CAD Monolithic Solutions has grown with the introduction of two new block sizes.

The lithium disilicate glass-ceramic IPS e.max CAD is designed for the digital fabrication of dental restorations. Until now, the Monolithic Solutions range was suitable for producing thin and normal veneers, inlays and onlays as well as crowns and partial crowns. With the introduction of the new block sizes LT C 16 and LT B 32, this product can now also be used to fabricate large single teeth and three-unit bridges for the anterior and premolar regions. The blocks satisfy high esthetic standards due to their availability in three different levels of translucency in A-D, Bleach and Impulse shades. Additional patient-specific characteristics are created with the staining and cut-back techniques.



IPS e.max[®] CAD Veneering Solutions

Outstanding overall strength now also for multi-unit bridges.

IPS e.max[®] CAD Veneering Solutions are CAD/CAM-manufactured veneer structures for zirconium oxide frameworks (ZrO₂). The material is used to produce crowns and small bridges and now also multi-unit bridges (CAD-on).

The unrivalled combination of lithium disilicate and zirconium oxide is suitable for the creation of tooth and implant-supported dental bridges. The high final strength of zirconium oxide (ZrO₂) and the esthetic properties of lithium disilicate fulfil all the esthetic and strength requirements of dental restorations. IPS e.max CAD Veneering Solutions can also be used to fabricate veneer structures for multi-unit bridges. The new highly translucent block B 40 L is ideal for producing veneer structures for anterior and posterior bridges.



SR Nexco®



True-to-nature reconstruction of the gingiva

The lifelike reconstruction of the gingiva is an important component in the production of extensive restorative work involving natural gum tissue.

SR Nexco® is a light-curing laboratory composite containing micro-opal fillers, which impart true-to-nature optical and esthetic characteristics. SR Nexco reveals its full potential in the recreation of gingival tissue, particularly in implant-supported restorations. The extensive shade range of SR Nexco offers a wide choice of options. The red-opaque Basic Gingiva BG34 provides a sound basis for the faithful recreation of the gingiva. Five additional Gingiva and Intensive Gingiva pastes are avail-

able to produce natural-looking artificial gum tissue. Two new intense red Stains are supplied for individualized results. SR Nexco is a part of the comprehensive Gingiva Solution portfolio from Ivoclar Vivadent, which features coordinated products (ceramics, lab composites and denture base materials) for the fabrication of artificial gingival tissue.



The SR Nexco Gingiva Pastes allow a harmoniously designed gingiva.

REMOVABLE PROSTHETICS



SR Nexco®, SR Phonares® II and IvoBase®

Lifelike esthetics in combination dentures

Three products from Ivoclar Vivadent provide valuable assistance in the reproduction of the optical properties of natural teeth in combination dentures for an overall esthetic appearance.

Apart from the technical fabrication of dentures, dental lab technicians are faced with the challenge of recreating the natural optical characteristics of the dentition. The lab composite SR Nexco®, the denture teeth SR Phonares® and the denture base system IvoBase® are designed to provide an integrated solution to assist dental technicians with this task in combination work.

With the lab composite SR Nexco, shades are reproduced easily and efficiently, even in situations where space is limited. The denture teeth SR Phonares II stand out due to their lifelike tooth moulds and proximal surfaces. The IvoBase system produces precision-fit denture bases: Shade 34V corresponds to the Basic Gingiva shade BG34 of SR Nexco.





Bluephase® Style

New colours for the dental office

Bluephase® Style colours your practice. In addition to a grey version, Bluephase Style is now available in pink and blue. The battery-operated, high-performance LED polymerization unit offers a light output of 1,100 mW/cm² ± 10%.

Due to the proprietary Ivoclar Vivadent Polywave® LED, all types of light-curing dental materials can be polymerized. Bluephase Style fits comfortably in the hands of women and men alike. Furthermore, it can be held like a pen or a gun.



Fluor Protector N

The protective varnish with fluoride



The new Fluor Protector N fluoride varnish system provides professional protection against tooth sensitivity, caries and dental erosion.

The innovative varnish technology of Fluor Protector N is based on the expertise gathered by Ivoclar Vivadent over many years of dental varnish research and manufacture. The new fluoride varnish has been developed in close collaboration with dental practices.

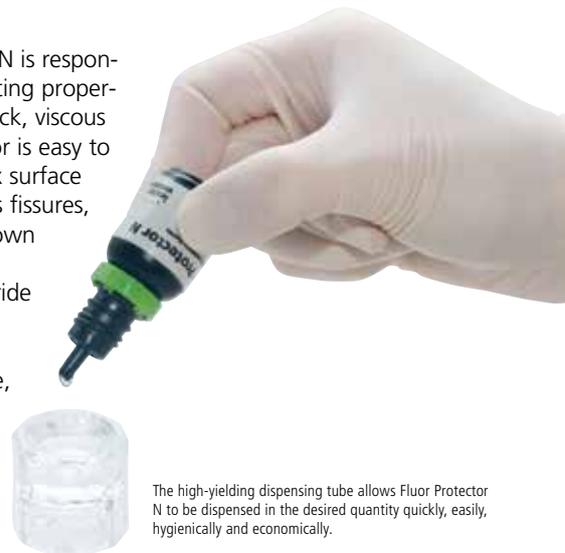
Immediate fluoridation of enamel

The Fluor Protector N varnish system contains fluoride in fully dissolved form. As a result, fluoride is available immediately. Fluor Protector N releases its entire dose of fluoride in a very short time. Therefore, tooth enamel is directly and effectively supplied with this active ingredient. In addition, a high-yielding depot of fluoride is formed, which additionally releases calcium over an extended period of time. Due to its mild taste and smell, Fluor Protector N is suitable for children and other sensitive patients.

Comprehensive protection

The low viscosity of Fluor Protector N is responsible for the excellent flow and wetting properties of the varnish. In contrast to thick, viscous fluoride preparations, Fluor Protector is easy to spread. It readily flows into complex surface structures. Susceptible areas such as fissures, proximal surfaces and filling and crown margins as well as the areas around brackets are provided with the fluoride they need.

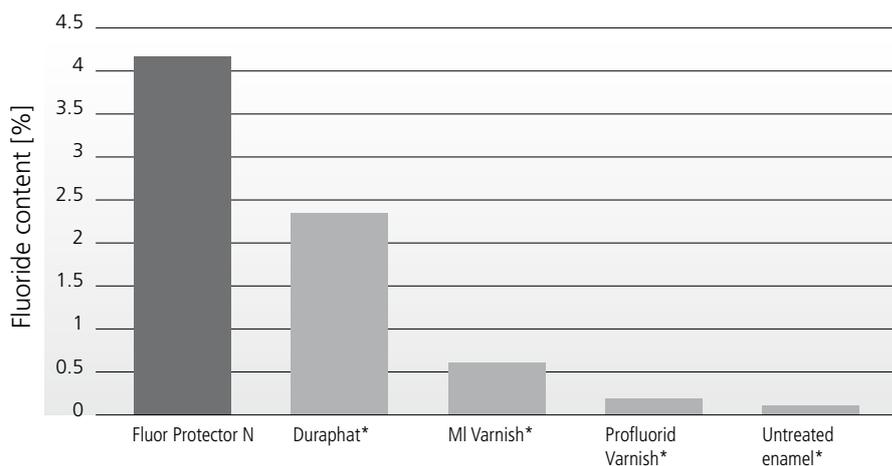
Due to the practical dispensing tube, Fluor Protector N is particularly suitable for children of pre-school age. The easy and fast application of the varnish is well accepted by children.



The high-yielding dispensing tube allows Fluor Protector N to be dispensed in the desired quantity quickly, easily, hygienically and economically.

Fluoride content in enamel after the application of various fluoride varnishes; energy dispersive x-ray analysis (Ivoclar Vivadent R&D, 2012).

Focus on topical fluoride application



*Not a registered trademark of Ivoclar Vivadent AG.



OptraSculpt® Pad

Modelling pads for composite resins

The new modelling instrument OptraSculpt® Pad features synthetic foam modelling attachments (pads) that do not adhere to composite resins. As a result, composite surfaces can be modelled smoothly and without leaving unwanted marks.

The special synthetic foam pads of OptraSculpt Pad enable composite fillings to be shaped and contoured quickly and without sticking. The non-stick pads effortlessly adapt composite resins and do not leave undesirable marks. Due to the special pad material, natural-looking results are easy to accomplish in anterior and posterior teeth. The highly flexible synthetic foam pad optimally adjusts to the tooth contour and produces a smooth, even surface finish.

Professional esthetic results

The instrument handle features reference scales, which assist in the creation of esthetic and anatomically-correct anterior tooth restorations. On the basis of these markings, the clinical situation can be compared to the ideal average tooth width proportions and angular alignments in the upper anterior dentition.



Benefits at a glance

- The foam pad attachments prevent sticking
- Even surfaces are created without leaving any marks
- Special reference scales on the instrument handle ensure professional esthetic results

Tetric N-Ceram® Bulk Fill

The posterior composite with patented shrinkage stress reliever

Tetric N-Ceram® Bulk Fill enables the application of 4-mm increments in the posterior region. The comprised shrinkage stress reliever keeps the shrinkage stress level as low as possible during polymerization.

A low shrinkage of composites during polymerization ensures that the stress exerted on the adhesive bond is reduced and that the deformation of the tooth structure is kept at a minimum. This is also reflected in an improved marginal quality. Therefore, Tetric N-Ceram Bulk Fill contains a patented shrinkage stress reliever. It acts like a spring to dampen the forces which are pulling on the cavity walls via the surface during polymerization. This shrinkage stress reliever is of particular benefit when polymerizing increments of up to 4 mm in one single step.

With Tetric N-Ceram Bulk Fill, not only the shrinkage stress but also the volumetric shrinkage is very low. Both parameters are equally important for the clinical success.



New Reflect article available for iPad

Excerpts from Reflect, the Ivoclar Vivadent journal for dental professionals, are now available in digital form.



The Reflect article entitled "A route to esthetics" by the noted dental technician Oliver Brix and Dr Sergey Chikunov is now available for iPads. The two authors provide an account of how they successfully restored the natural appearance of the anterior dentition of one of their patients. According to the authors this case was a "dental fairy tale" in which a young woman was transformed from an "ugly duckling" to a "beautiful swan". In this publication, Brix and Chikunov describe in detail how highly esthetic restorations are produced with all-ceramics.

The lithium disilicate glass-ceramic IPS e.max® greatly contributed to the successful outcome due to its tooth-like properties that mimic the play of light of natural teeth. Readers of the iPad version will also be treated to an attractive photo series. In addition, interesting information about the authors and the products they used is provided.

Download the Reflect app

Scan the QR code with your iPad or enter the following link:
www.ivoclarvivadent.com/reflect
(available in English, German, French, Italian and Spanish)



Accolades for top products

IPS e.max® Press and Ivoclean®

Two products in the Fixed Prosthetics category from Ivoclar Vivadent have earned "Product Awards" from the independent US-based dental test institute The Dental Advisor. The lithium disilicate glass-ceramic IPS e.max Press was honoured with the "Top Long-Term Performer – Ceramic" award. Moreover, Ivoclean, a universal paste for cleaning prosthetic restoration surfaces, was recognized as the "Top Innovative Product" of 2013.



IPS e.max® Press

Ivoclean®

SR Phonares® II

The SR Phonares® II denture teeth received the prestigious main prize at Pragodent, the international dental exhibition held in Prague.

Ivoclar Vivadent was awarded the "Top of 2012" prize at the recent Pragodent dental trade fair in the Czech Republic. The SR Phonares II denture teeth took first place among eight other entrants in the category of laboratory materials and instruments. The lifelike tooth moulds of SR Phonares II thoroughly convinced the jury. The tooth moulds have been developed on the basis of the latest findings. As a result, dentures made with these teeth have a very natural appearance. The products of 75 exhibitors were assessed in nine categories.



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