

Competence in Implant Esthetics

Dental further education in «Competence in Implant Esthetics»

Aesthetic restorations on implants are an integral part of modern dentistry and have considerably extended the dental therapy range. At the same time, implant prosthetic restorations require a high level of professional skill of dentists and dental technicians.

Ivoclar Vivadent offers a comprehensive range of clinical and technical system products for implant prosthetics in the new «Implant Esthetics» competence field. Moreover, the qualified dental further education courses offerings on implant prosthetics in cooperation with renowned lecturers from universities, dental practices and laboratories is being continuously expanded. The program includes hands-on and dental lab courses as well as competence further education events for dentists and dental technicians.

The first Ivoclar Vivadent symposium «Competence in Implant Esthetics» was held in Munich on 20 October 2007. The team of experts from universities, dental practices and laboratories showed a high level of professional competence and inspired more than 350 attendees with a successful combination of science and practice. Based on their own clinical cases, the ten lecturers presented practice-relevant implant prosthetic problems and their solutions at a high professional level. The main message conveyed to the participating 250 dentists and 100 dental technicians: aesthetic and functional restorations can only be fabricated successfully in the team.



The foundation has been laid. The «Competence in Implant Esthetics» event in Munich is the prelude to further symposia of this kind throughout the world. Consequently, Ivoclar Vivadent not only offers high-quality system products for aesthetic restorations but also supplements its dental further education program in order to support all customers in their daily work and the successful application of its products in the future.

Are you interested in a further education course?

All information on our international course program are available at www.ivoclarvivadent.com

The team of lecturers (from left):

Dr. Frank Drubel, Udo Buhr, Rainer Gläser, Prof. Dr. Daniel Edelhoff, Dr. Andreas Kurbad, dentist Tillmann Duffing, Dr. Volker Ulrici, Walter Böthel, Kurt Reichel, Prof. Dr. Dr. Hubertus Spiekermann



Metal-ceramics – familiar and yet different

The new fully anatomical Press-on-Metal ceramic IPS InLine PoM allows you to create accurately fitting aesthetic restorations and produce consistently reproducible quality in no time at all.

IPS InLine PoM from Ivoclar Vivadent is the latest development in the press-on-metal technique. The new leucite ceramic combines 20 years of experience gained with IPS Empress and with the convenient and familiar casting technique. The result is a Press-on-Metal ceramic that allows you to concentrate on such important factors as shade selection, function, morphology, surface structure and accurately fitting shoulders of the restoration.

Optimum planning with the fully anatomical wax-up

The «lost-wax technique» is a common procedure in laboratories known from the metal casting and the IPS Empress staining technique. Contrary to the conventional metal-ceramic technique, the wax-up in the IPS InLine PoM press-on-metal technique corresponds to the final shape of the restoration. There is no need for cut-back or ceramic layering. You can already concentrate on the function and morphology during

the wax-up procedure. The conversion from wax to ceramic is conducted without sintering shrinkage. Simply apply the opaquer, complete the wax-up, press the fully anatomical restoration, and characterize it with the new stain materials and glaze. The result is an accurately fitting restoration.

The ingot concept

The ingot concept has been deliberately kept «slim». Only seven shades are enough to reproduce all the Chromascope, A-D and new BL Bleach shades. Therefore, it is possible to press fully anatomical restorations for different patient cases in one press cycle. Due to two ingot sizes (S and XS), unnecessary material waste is a thing of the past.

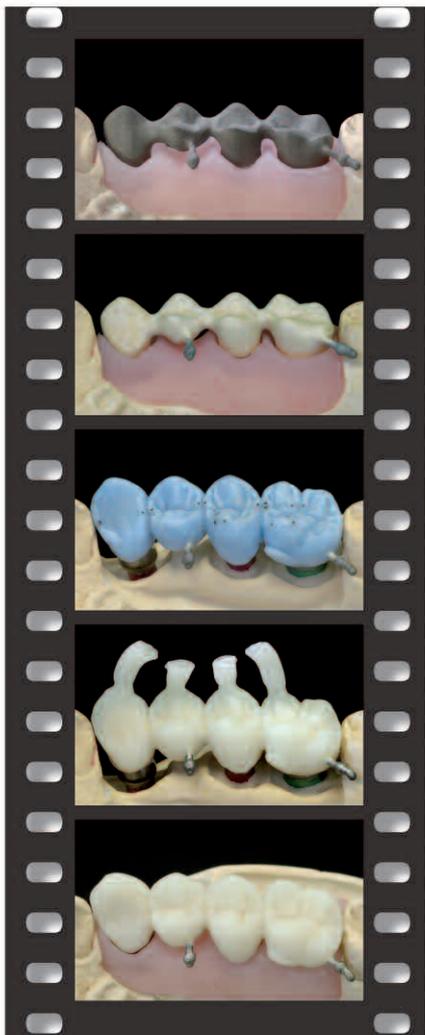


	BL	1	2	3	4	5	6
S & XS Rohlinge	BL	1	2	3	4	5	6
Rohling & Touch Up	BL1, BL2, BL3, BL4	A1, B1	A2, B2, C1, D2	A3, A3.5	B3, B4	C2, D3, D4	A4, C3, C4
	110, 120, 130, 140	210, 220, 230, 240	-	310, 320, 330, 340	410, 420, 430, 440	510, 520, 530, 540	

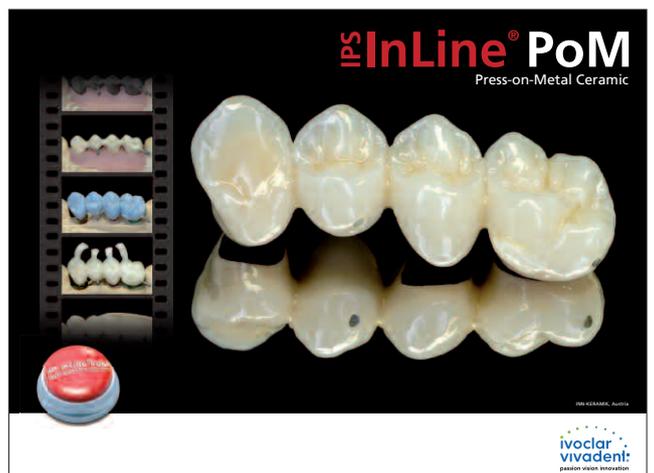
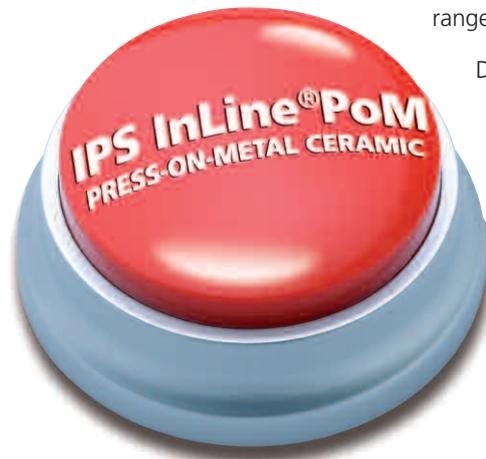
Familiar working environment

A particular advantage of this technique is the fact that many of the required materials are available in most laboratories, such as the suitable alloys, the IPS e.max investment ring system, the investment material and the matching press furnace. The coordinated Ivoclar Vivadent alloys in the CTE range of $13.8-14.5 \times 10^{-6} \text{ K}^{-1} \text{ 25-500 } ^\circ\text{C} < 10 \%$ silver round off the IPS InLine PoM product range.

Depending on the indication or preference, you can also use the conventional IPS InLine metal-ceramic for layering.



Images: INN-KERAMIK, Innsbruck (Austria)



Effective immediately, the step-by-step IPS InLine PoM poster by the INN-KERAMIK dental laboratory is available.

International BPS competition



Kenji Iwaki with Area Sales Manager Christoph Linder

As in 2005, the Biofunctional Prosthetic System (BPS) complete denture competition was organized this year. The 2,250 BPS Members from 64 countries were invited to enter the competition and measure their skills against those of the best experts for removable prosthetics from all over the world.

The most successful participants of the competition 2007:

- 1st prize: Kenji Iwaki, I.D.T. Dental, Japan
- 2nd prize: Yann le Floch, Laboratoire Krafft, France
- 3rd prize: Dr. R. Vasudevan, India

All the participants received attractive presents, such as the Technical-Art Gallery, the Stratos case, and a selection of BPS denture boxes and Stratos accessories.

BPS calendar

According to tradition, the best entries were selected for an eye-catching calendar with a limited print run of 2,500 copies, which was sent to BPS members around the world together



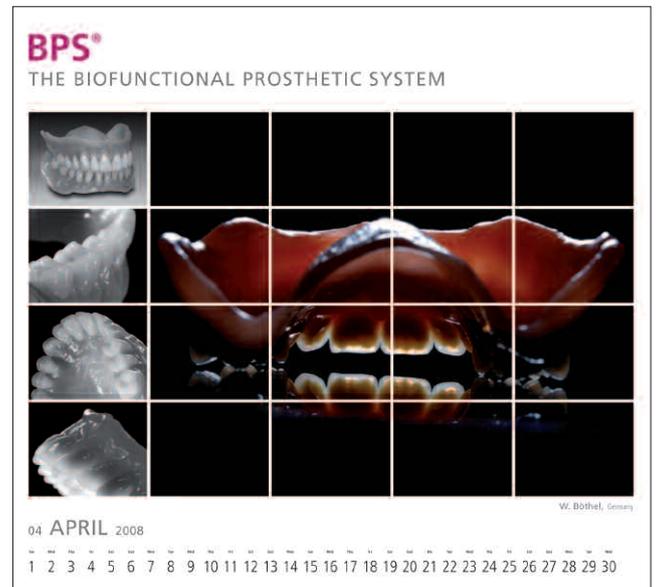
Yann le Floch and the team of Laboratoire Krafft

The task involved the fabrication of a complete denture according to the BPS method by using the BPS core products: denture teeth, denture base material and Stratos articulators from Ivoclar Vivadent.



Dr. R. Vasudevan is awarded his prize by Area Sales Manager Marcel Oehri

The jury members from Product Management and ICDE (International Center for Dental Education) assessed all the entries regarding their functionality, aesthetics and overall harmony to select the winner of 2007. The three winners were awarded a trophy in the form of a fully anatomical molar and a money prize.



with the BPS Newsletter. Experience has shown that the calendar is often used by BPS members to demonstrate how versatile and aesthetic removable prosthetics can be.

Brochure on implant superstructures for removable restorations



In addition to the manual on implant superstructures for fixed denture prosthetics, the brochure for removable restorations is now available in German and English (not available everywhere).

The brochure contains a detailed description of the steps from planning, implantation and temporary restoration to permanent restoration and cementation. Clinical cases on Dolder bars, telescopes and ball clasps show how thorough aftercare can help to achieve success in the long run.

IPS e.max® – all-ceramics are the trend

IPS e.max ZirCAD

Since the demand for zirconium-reinforced and implant-supported restorations continues to increase, the IPS e.max product range is being further expanded. For the fabrication of 4- to 6-unit bridge frameworks or batch processing in the inLab® MC XL (Sirona), the new IPS e.max ZirCAD blocks in sizes B55 and B65 are now available.

IPS e.max ZirCAD Colouring Liquids

White margins at the transition of zirconium oxide-reinforced restorations to the gingiva, which impair the aesthetic appearance of the dental work, are a thing of the past with the IPS e.max ZirCAD Colouring Liquids. The Colouring Liquids



are available in 4 shades and are ideally coordinated with the IPS e.max Press and CAD MO materials. Now you can create the optimum basis for combination works (glass and oxide ceramics) in particular, and fabricate aesthetic restorations that match each other in shade. The liquids are colour coded. Consequently, it is virtually impossible to mix up the liquids. The framework acquires its final shade after sintering. The liquids help to achieve an even shading, independent of the framework thickness. A bridge unit, therefore, does not feature a more intensive shade than, for example, a coping.

IPS e.max Ceram Glaze Spray

The IPS e.max Ceram Glaze Spray is suitable for conveniently



glazing your anatomically pressed/milled* and veneered IPS e.max restorations. The spray's advantages include its unchanging consistency, its ability to form a thin glaze layer, which helps to maintain the surface structure and its even gloss.

*for glazing uncrystallized «blue» IPS e.max CAD restorations the special IPS e.max CAD Crystall./Glaze Spray is available.

Harmony® 3 – ideally matched to SR Adoro

In times of a sensitive gold market, alloys, such as Harmony 3, are the right alternative.

Alloys containing gold represent the standard for precious materials in restorative dentistry. Even in very small quantities, gold improves alloy properties and remains a highly desirable component. However, soaring costs can make the use of gold-containing alloys prohibitive for everyday restorative purposes. Harmony 3 contains 3.5 % gold, making it the ideal, cost-effective noble alternative to less precious gold-free casting alloys. What's more, Harmony 3 is an impressive economical choice because it demonstrates suitable low density and can be used for a wide range of indications, so laboratories can affordably satisfy their customers' needs for gold-containing restorations.



Harmony 3 veneered with SR Adoro

The crown and bridge alloy Harmony 3 is ideally coordinated with the micro-filled, light-/heat-curing

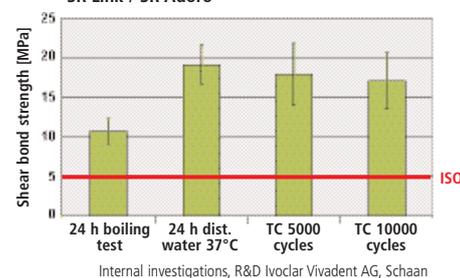
veneering composite SR Adoro.



The matching bonding system SR Link

To generate a sound bond between the Harmony 3 alloy and the SR Adoro veneering composite, SR Link – a metal-composite bonding agent – is recommended. Materials science testing has demonstrated that excellent bonds are achieved.

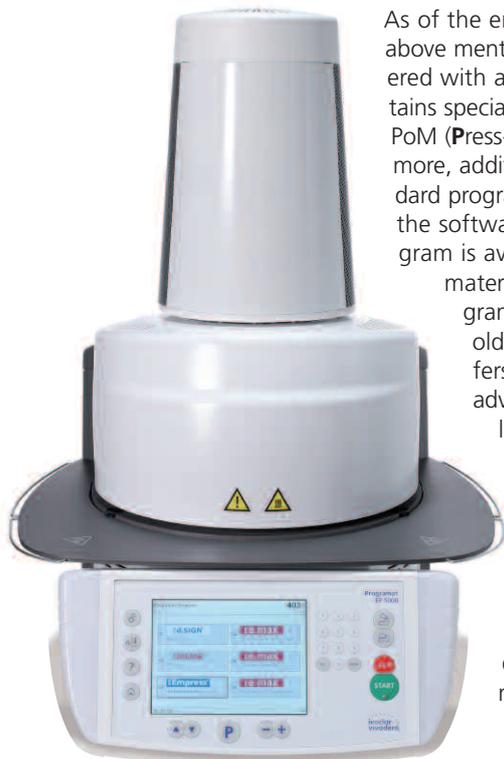
Shear bond strength values SR Link / SR Adoro



New equipment software with IPS InLine PoM programs

Internet download

The new software with IPS InLine PoM programs can be downloaded for free from the Internet for the following furnaces: EP 600, EP 600 Combi, Programat EP 5000, P300, P500, P700.



As of the end of November 2007, the above mentioned furnaces will be delivered with a new software, which contains special programs for the IPS InLine PoM (**P**ress-**o**n-**M**etal) ceramic. Furthermore, additional Ivoclar Vivadent standard programs have been included in the software so that a standard program is available for virtually all the materials in use (approx. 120 programs) ex works. Compared to older versions, the software offers further improvements and advantages, such as new special languages, the possibility of software updates via USB stick, etc.

A special IPS InLine PoM icon has been created for the EP 600 and EP 600 Combi furnaces in order to quickly and easily select the new program in the menu.

Furnace	New software version ex works	Update via Internet possible? (Ivoclar Vivadent Download Center)
EP 600	V 5.0	Yes
EP 600 Combi	V 5.0	Yes
Programat EP 5000	V 3.0	Yes
Programat P300	V 3.0	No, since this furnace has not been designed for updates (no USB)
Programat P500	V 3.0	Yes
Programat P700	V 3.0	Yes

Free update via Internet

The new software including the new Operating Instructions will be available on the Internet as of the end of November 2007.

You can download the free software on the PC and subsequently on the furnaces according to the Operating Instructions. The software is available under the chapter «Products-Equipment-Laboratory Equipment-Download Center» on the Ivoclar Vivadent homepage www.ivoclarvivadent.com

The Operating Instructions for the respective software version are also available as pdf files in the Download Center.



We recommend using the PrograBase 2 PC Software to make the software update even easier and more convenient.

Special Edition

New IPS e.max Special Edition by August Bruguera

The trend towards all-ceramic, highly aesthetic restorations is unbroken and the demand of dentists and patients is continuously increasing.

August Bruguera (Spain) shows the versatility of the all-ceramic system IPS e.max in his Special Edition. He explains the properties and advantages of the individual components and provides tips for the fabrication of an IPS e.max restoration. Based on examples and clinical cases, he describes why and when he opts for glass-ceramics and in which cases he prefers to fabricate zirconium-reinforced restorations.

The Special Edition is available in German, English and Spanish.



Arbeitsgemeinschaft A-D Shade Guide presents A-D shade guide

In order to support the team work of dentists and dental technicians in the selection of the tooth shade, a reliable, proven shade guide is required.

Millions of dentists and laboratories throughout the world have opted for the shade guide with shades from A1 to D4.

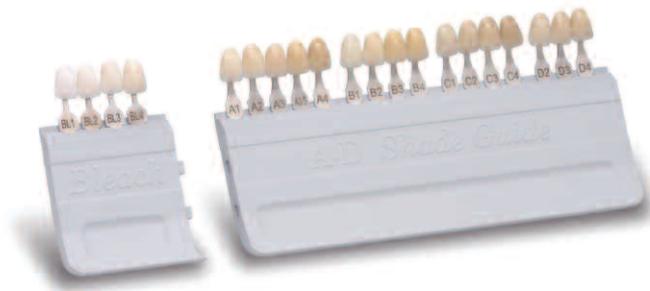
In order to offer this shade standard independent of a manufacturer, companies, such as **DeguDent, Heraeus Kulzer, Ivoclar Vivadent, Merz Dental** and **Wieland Dental+Technik** have joined forces to ensure the future supply of shade guides for dentists and dental technicians.

Dentists and laboratories greatly benefit from this measure, as they are not bound to use materials from only one manufacturer.

The objective of this consortium called **«Arbeitsgemeinschaft A-D Shade Guide»**, which is open to all dental suppliers, is to render daily working procedures more accurate and thus more economical with an established shade standard.

In addition to the 16 established A-D shades, 4 new optional Bleach shades (BL1 to BL4) will be available.

The new A-D Shade Guide enables dentists and dental technicians to continue working with the proven A-D shades, as well as the four new Bleach shades in the future: **durable, reliable and with a high degree of shade match.**



New Bleach BL shades for Ivoclar Vivadent denture teeth and ceramics



The Chromascop® Bleach shades 010, 020, 030 and 040 for denture teeth and ceramics from Ivoclar Vivadent will be discontinued as of 2008.

The new Bleach shades (BL1, BL2, BL3, BL4) have been developed in cooperation with the «Arbeitsgemeinschaft A-D Shade Guide». The introduction of these new shades marks the launch of a Bleach shade standard on the dental market.

Another advantage of this standard is the improved shade match of the materials, which particularly benefits combination prosthetics, since the products for fixed denture prosthetics will also be offered in the new Bleach shades BL1-BL4.

The following products are available in the new Bleach BL shades:

Denture teeth BL2 and BL4	Metal-ceramics BL1-BL4	All-ceramics BL1-BL4
SR Vivodent DC	IPS InLine	IPS Empress CAD
SR Postaris DCL	IPS d.SIGN	IPS e.max
SR Orthotyp DCL		
SR Ortholingual DCL		
SR Orthoplane DCL		
Ivostar / Gnathostar		

Masthead

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