

## IPS InLine crown

adhesively cemented with  
**Multilink Automix / Monobond Plus**

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(Ivoclar Vivadent AG, Liechtenstein)

Tooth 21 with an old  
composite-veneered  
metal crown



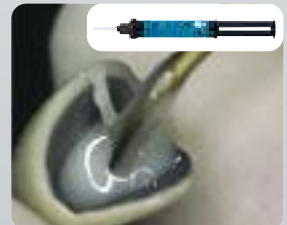
Preparation for an  
IPS InLine crown with  
labial ceramic shoulder



Conditioning the crown  
with Monobond Plus and  
drying



Filling the crown with  
Multilink



Application of Multilink Primer  
A/B on enamel and dentin and  
dispersing with air

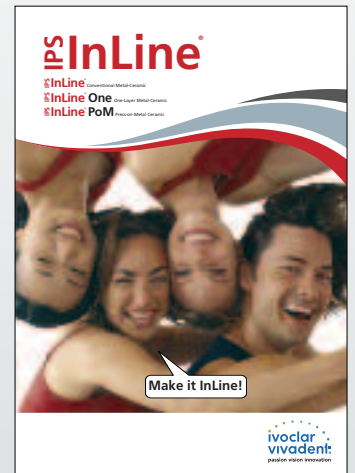


IPS InLine crown adhesively  
cemented with Multilink

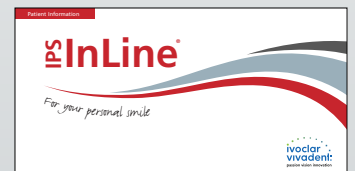


Additional information can also be found in the

**IPS InLine system brochure for dental technicians**



and the **Patient Information booklet.**



Your Ivoclar Vivadent consultant can give you detailed information on the individual products of the IPS InLine system.

Additional information: [www.ivoclarvivadent.com](http://www.ivoclarvivadent.com)



This product forms part of our Implant Esthetics competence area. All the products of this area are optimally coordinated with each other.

# IPS InLine®

IPS InLine® Conventional Metal-Ceramic

IPS InLine® One One-Layer Metal-Ceramic

IPS InLine® PoM Press-on-Metal Ceramic



Make it InLine!

## IPS InLine crown

conventionally cemented  
with Vivaglass CEM

Dr Thomas Seitner / Jürg Stuck (Germany)



Old metal-ceramic  
crown with visible gold  
margin on tooth 21



Preparation for an  
IPS InLine crown



Filling the sandblasted  
crown with  
Vivaglass CEM



Incorporation with  
cement excess



Removal of excess with a scaler



IPS InLine crown cemented with  
Vivaglass CEM

# FAST

You can apply either a conventional, adhesive or self-adhesive cementation protocol for placing IPS InLine system restorations.

## Conventional cementation

### Vivaglass CEM ...

... is a self-curing glass ionomer cement with excellent bond strength designed for conventional cementation techniques. The high translucency of the material results in esthetic restorations – e.g. with exposed ceramic shoulders.



## Self-adhesive cementation

### SpeedCEM ...

... is a universal, self-adhesive and self-curing (chemically curing) composite cement with optional light-curing. Due to the integrated, acidic adhesive monomer, SpeedCEM bonds with the tooth structure and base metal alloys without any additional bonding agents. Only for precious metal alloys and with exposed ceramic shoulders, we recommend the use of Monobond Plus to establish a chemical bond with the restoration.



## Adhesive cementation

### Multilink Automix ...

... is a universal, self-curing (chemically curing) luting composite system with optional light-curing. It is applied together with the self-etching and self-curing Multilink Primer A/B.

Multilink Automix is extruded from the syringe directly into the restoration, which saves both time and material. To generate a metal bond, we recommend Monobond Plus, the innovative universal primer for reduced-gold, predominantly base metal and palladium-based high-gold alloys.

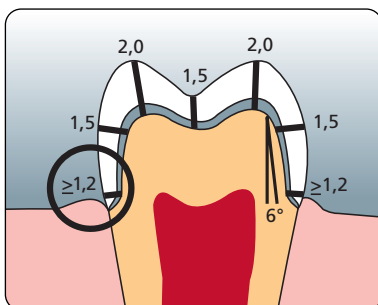
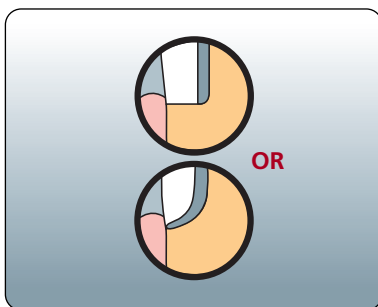
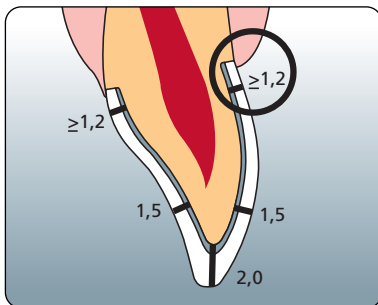


results

EASY w

Coordinated, biocompatible material  
prerequisite for your success and

### Preparations for crowns and bridges



Dimensions in mm. With conventional cementation, a minimum height of 3 mm of the prepared tooth and a convergence angle of approx.  $6^\circ$  must be observed.

Minimum connector dimensions of approximately  $9 \text{ mm}^2$  must be observed for bridges. The connector dimensions depend on the selected alloy (see alloy range).

That is exactly what the IPS InLine System offers: With this leucite matrix ceramic, the various types of IPS InLine system restorations can be processed in different alloys, depending on the material.

#### IPS InLine One – one-piece

Less expensive restorations have become increasingly important for patients for that, particularly for the posterior region. This material offers you a comprehensive range of a comprehensive material.

#### IPS InLine – conventional

Experience gained was harnessed to simplify ceramic processing. The materials represent the basis for the exceptional advantages of the IPS InLine system.

#### IPS InLine PoM – Press

With IPS InLine PoM, the proven press technology is used to press a ceramic framework with full contour. Since the layer-by-layer build-up is not required, you with consistent, esthetic results. You can look forward to accurate shade.

### True-to-nature shade effect

The accurate shade is the basis for restorations with a lifelike appearance. The IPS InLine system is suitable to achieve accurate shade match with the shade guide and esthetic results in no time at all. The materials are available in A-D, Chromascop and four modern BL Bleach shades.



## with a system

### Materials you can trust are an important part of the satisfaction of your patients.

metal-ceramic, you are provided with thoroughly coordinated system can be cemented conventionally, self-adhesively or adhesively on according to your preferences.

#### Two-layer metal-ceramic

For patients. With IPS InLine One, you have the ideal solution at hand. The quality of IPS InLine combined with the economic efficiency of a two-layer metal-ceramic system.

#### Conventional metal-ceramic

The targeted grain size distribution and the production process make it the IPS InLine conventional metal-ceramic material.

#### Press-on-Metal ceramic

The ceramic ingot fully automatically onto the opaquerized alloy. If necessary for the veneering process, your laboratory will impress perfectly fitting crowns and bridges like you know from all-ceramics.

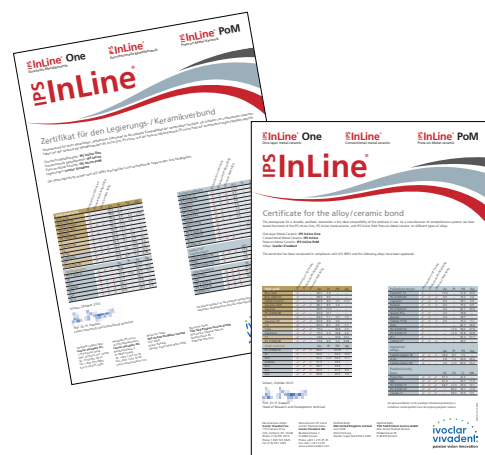
# BEAUTIFUL

The IPS InLine system has been especially coordinated with a large number of Ivoclar Vivadent alloys. You are free to choose from gold and white alloys. A wide selection of alloys is available, ranging from high-gold to predominantly base metal alloys – depending on the indication and requirements of the patients. The application is characterized by convenient handling, a reliable bond and a wide range of indications.

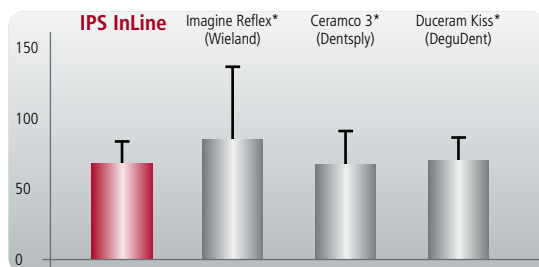
This has been documented with a certificate.

## Convenient polishing

Restorations made with the IPS InLine system exhibit overall lifelike optical effects and can be easily and quickly polished. In addition, your patients will benefit from restorations that are gentle on the opposing dentition.



Vertical wear of veneering ceramics [ $\mu\text{m}$ ]



Low wear increases the longevity of a restoration. IPS InLine is a veneering ceramic that features low wear.

In-house investigation, R&D Ivoclar Vivadent AG, Schaan (Ivoclar Vivadent method), August 2005

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# Wide range of indications

## Alloy range

	IPS InLine	IPS InLine PoM	
	IPS InLine One	Investment ring 100+200 g	Investment ring 300 g
<b>High-gold:</b>			
Brite Gold	✓	-	-
Brite Gold XH	✓	-	-
Golden Ceramic	✓	-	-
Aquarius Hard	✓	✓	✓
Aquarius	✓	-	-
IPS d.SIGN 98	✓	✓	-
Y	✓	-	-
Aquarius XH	✓	✓	✓
Y-2	✓	-	-
Y-Lite	✓	✓	✓
Sagittarius	✓	✓	✓
Y-1	✓	-	-
IPS d.SIGN 96	✓	✓	-
<b>Reduced-gold:</b>			
IPS d.SIGN 91	✓	✓	✓
W	✓	-	-
W-5	✓	-	-
Lodestar	✓	✓	✓
W-3	✓	✓	✓
Leo	✓	✓	✓
W-2	✓	✓	✓
<b>Palladium-based:</b>			
Capricorn 15	✓	-	-
IPS d.SIGN 84	✓	✓	✓
Capricorn	✓	✓	✓
Protocol	✓	✓	✓
IPS d.SIGN 67	✓	-	-
Spartan Plus	✓	✓	-
Spartan	✓	✓	-
Aries	✓	-	-
IPS d.SIGN 59	✓	-	-
IPS d.SIGN 53	✓	-	-
W-1	✓	-	-
Callisto CP+	✓	✓	✓
<b>Implant Alloys:</b>			
Callisto Implant 78	✓	✓	✓
IS-64	✓	-	-
Callisto Implant 60	✓	-	-
<b>Predominantly Base Metal:</b>			
Colado NC	✓	✓	✓
4all	✓	✓	✓
IPS d.SIGN 15	✓	✓	✓
IPS d.SIGN 30	✓	✓	✓
Colado CC	✓	✓	✓

The range of available alloys may vary from country to country.