

Patient Information



Beautiful teeth made of

**all-ceramic**

# The natural desire for beautiful teeth

The desire for beautiful teeth is a natural one – a good reason to pay attention to the selection and quality of the restoration. Your dentist can help you to individually fulfil your wishes and needs.

Ivoclar Vivadent offers a wide range of products to provide you with lifelike restorations. The best restoration is one that is not recognized as such.



# Why is all-ceramic a wise alternative?

Ceramics meet the highest aesthetic expectations and are biocompatible. All-ceramic restorations do not have a metal core. Therefore, light can shine through the restorations as it does in natural teeth. In addition, the adjoining gum

will show no dark metal edges. Ceramic material is colour-fast and wear-resistant. In addition, the low heat conduction protects the dental nerve, which is very sensitive to temperature changes.



# Coordinated and proven materials from one manufacturer: **IPS Empress** and **IPS e.max**

All-ceramic restorations are uncompromising aesthetic solutions.

Ivoclar Vivadent launched the IPS Empress System more than 15 years ago. Long-term clinical experience with the system and more than

33 million fabricated restorations speak for themselves.

Today, dental laboratories use IPS Empress Esthetic to fabricate highly aesthetic inlays, onlays, veneers and crowns.



IPS e.max is a modern all-ceramic system which is characterized by a few, coordinated, metal-free materials. Depending on the defect that needs to be repaired, your dentist will choose a material with the required strength from which a framework for the tooth replacement is fabricated. After the all-ceramic frame-

work has been constructed, the dental technician covers or "veneers" it with a special ceramic material. Regardless of the framework material used, the material that covers it is always the same. Therefore, two or more IPS e.max restorations perfectly match each other in colour. IPS e.max is ideally suitable for bridges and crowns.



# Various materials for different demands

Different therapy methods are possible, depending on the type of defect that needs to be repaired:

## Inlay / Onlay

If a tooth is only damaged to some extent – e.g. due to caries – a filling will be sufficient in general. If the dentist cannot fabricate the filling directly with a tooth-shaded resin (composite), the alternative is an inlay or onlay. These tooth-shaded

“fillings” are either made in the dental laboratory using IPS Empress Esthetic or milled from ceramic blocks, such as IPS Empress CAD directly in the laboratory. Both options provide optimum cosmetic restoration of the tooth.

### before

Posterior teeth restored with amalgam/precious alloy



### after

The high-quality aesthetic alternative: IPS Empress Esthetic inlays/onlays.



Dr. G. Koike, Japan

# Veneers

Fractured or discoloured teeth or slightly mal-positioned teeth can be easily and quickly treated with veneers.

Veneers are thin «laminates» made of ceramic, which are attached to the tooth and

which – unlike crowns – do not cover the entire tooth. Only a small amount of tooth structure is ground away for veneers. The completed restoration is as true-to-nature in appearance as your neighbouring teeth.

**before**  
Malposition and discolouration



**after**  
The high-quality aesthetic alternative:  
IPS Empress CAD veneers.



Dr. K. Wiedhahn, Germany

# The proper material for every situation

## Crowns

Teeth which demonstrate extensive damage can be restored or optically enhanced with all-ceramic crowns. For this purpose, the outer dimensions of the entire visible area of the tooth are removed and

replaced by a tooth-shaded all-ceramic "cover".

Older restorations that are regarded as «unattractive» can also be given a natural and unobtrusive appearance.

**before**  
Starting situation



**after**  
The high-quality aesthetic alternative:  
IPS e.max crowns



Prof. Dr. D. Edelhoff/O.Brix, Germany



## Bridges

If entire teeth are missing, they can be replaced by bridges, which are supported by two healthy «abutment teeth».

Thanks to new technologies and materials, it has become possible to fabricate all-

ceramic bridges without a dark metal core or margin. Zirconium oxide, such as in IPS e.max, is the material of choice for frameworks, as zirconium oxide is biocompatible, translucent and exceptionally strong.

**before**

Metal-supported posterior bridge



**after**

The high-quality aesthetic alternative:  
IPS e.max bridge



V. Brosch, Germany

# The best prerequisites for your new teeth and a bright smile

Your dentist will be glad to inform you whether all-ceramic is the optimum functional and aesthetic solution for you.

Ivoclar Vivadent offers you the suitable product depending on the situation at hand. All products are supplied from one manufacturer to ensure a smooth procedure.

Your new teeth will look and feel so natural that only you and your dentist will know the difference.

TREAT YOURSELF TO A SUCCESSFUL AND  
BRIGHT SMILE AND TAKE YOUR TIME.  
YOU ARE GOING TO MAKE AN IMPORTANT DECISION.

**DON'T LEAVE YOUR NEW TEETH TO CHANCE!**



# Contact us!

Your practice team will be glad to advise you.

For further information on  
all-ceramic materials from  
Ivoclar Vivadent visit  
[www.ivoclarvivadent.com](http://www.ivoclarvivadent.com)

Practice stamp