

Do you want  
a more beautiful  
smile?





# You could have a more beautiful smile

Nature does not always provide us with the perfect smile. Teeth may get chipped or stained in our daily lives. Your dentist can help you achieve the beautiful, vibrant smile you have always wanted by using IPS e.max.



# Ceramics in dentistry

Usually, we associate ceramics with tableware or china. The art of manufacturing ceramics is indeed one of the oldest crafts in the world. Today, special ceramics are also used in dentistry to give patients lifelike, natural-looking smiles. IPS e.max is a ceramic material which combines strength and beauty unlike any other dental restorative.

# Why all-ceramic material? The answer is easy:

Tooth restorations made of all-ceramics do not contain metal. Therefore, light can shine through them as it does through natural teeth. All-ceramic materials stand out for their

- highly esthetic and natural appearance
- long-lasting quality
- variety of colours
- compatibility with the human body

# IPS e.max<sup>®</sup>: Just right for you!

No matter what your dental situation is, IPS e.max<sup>®</sup> all-ceramic material will bring back the smile to your face. The pictures on the following pages will show you how.



# Tooth fillings

If a tooth is only partially damaged due to e.g. caries, a filling or so-called inlay is usually sufficient to fix it. An all-ceramic inlay is a resistant ceramic filling which is used for smaller defects or decay. Dark fillings made of amalgam are a thing of the past. All-ceramic inlays cannot be distinguished from the natural tooth structure.

## Inlays:

An inlay is a tooth filling made of either ceramic, resin or metal.

Patient case: Dr Arnd Peschke, Ivoclar Vivadent AG, Liechtenstein



Before: Dark fillings made of amalgam



After: Tooth-coloured fillings made of all-ceramics



Michael is happy about the very esthetic result:

*"I have always been dissatisfied with my black fillings and stained teeth. The important thing for me was to choose a material that is biocompatible, but which at the same time enables the previous esthetic appearance of my teeth to be restored. This is why I chose all-ceramics."*



# All-ceramic shells (veneers)

Stained or slightly malpositioned teeth, or fractured front teeth can be treated with all-ceramic shells (veneers). Veneers are firmly attached to the surface of your teeth and allow their look to be improved without having to sacrifice a lot of your own tooth structure.

## Veneers:

Veneers are thin shells made of ceramic material which are bonded to the front surface of teeth (due to their thickness of only 0.3 – 0.6 mm, they are comparable to contact lenses).

Patient case: Dr Sidney Kina, Brazil, and Gérald Ubassy, France



Before: Gaps in the front tooth row



After: Gaps closed with all-ceramic veneers

Lindy's face radiates joy and vitality again:

*"The thin veneers out of all-ceramic material look beautiful and natural. My smile has not only improved my appearance, but it has also given a great boost to my confidence. It's a completely new quality of life!"*



# Crowns and bridges

**Crowns:** A crown is used to entirely cover a severely damaged tooth. The crown replaces missing tooth structure or improves the tooth's alignment.

**Bridges:** If one or several teeth are missing, they can be replaced by bridges. This type of dental restoration stabilizes the remaining natural teeth and ensures a beautiful, gap-free smile.

## Crowns/Bridges:

A crown replaces the natural crown of a tooth which cannot be restored with filling materials.

Missing teeth may be replaced by an (all-ceramic) bridge. The neighbouring teeth serve as "abutments" or supports.

Patient case: Prof. Dr Daniel Edelhoff and Oliver Brix, both Germany



Before: Missing tooth with neighbouring tooth showing caries



After: "Bridging" the gap with an all-ceramic restoration (bridge).

Beate enjoys her new found well-being:

*"My health is very important to me. This is why I opted for a metal-free restoration. The gap in my back teeth was covered with a bridge and smaller defects were very esthetically repaired. To have beautiful teeth makes me feel good all over."*



# Implant restoration

If a single tooth or several teeth are missing, “artificial tooth roots” (implants) are placed which serve as anchors for the replacement teeth. The cost of an implant may be higher than that of a fixed bridge. However, the result is particularly long-lasting and highly esthetic.

## Implantats:

Implants are artificial tooth roots which are usually made of titanium, more recently also of ceramics. An implant restoration consists of an implant, to which a crown or bridge is attached.

Patient case: Dr Andreas Kurbad and Kurt Reichel, both Germany



Before: A damaged incisor tooth (left) and an incisor tooth replaced with an implant (right).



After: All-ceramic crowns on the natural tooth stump (left) and on the implant (right)

Bexi is able to flash a bright smile again:

*"I am very happy about my new smile and the confidence it gives me. The difference before and after is simply overwhelming. I feel attractive again and full of joy and energy. I am glad I had an implant restoration placed."*



Talk to us!

Your practice team will be glad  
to advise you.

Practice stamp