NEWS
from the IPS Empress Original System
for the dental office
Aesthetics and durability are important considerations for all-ceramics. IPS Empress has proven itself for more than 15 years as regards both criteria. The IPS Empress pressed ceramic system satisfies discerning users and patients all over the world. Twenty-five million placed restorations are testimony to the durable true-to-nature effect, long-lasting success and the high quality standard of IPS Empress.

**NEWS from the Original System**

The Original System is continuously being developed, setting trends in the market with regard to aesthetics, function and biocompatibility. The most recent innovation from the field of all-ceramics is IPS Empress Esthetic. The material opens up a host of unexpected aesthetic possibilities for inlays, partial crowns, full crowns and veneers.

**IPS Empress Esthetic Ingots**

The new IPS Empress Esthetic Ingots are based on an extremely homogeneous leucite glass-ceramic, which features natural light scattering and offers a balanced chameleon effect. Due to an increased density and homogeneity of the crystals, the restorations blend perfectly into the natural surroundings. Moreover, the ingots exhibit improved flexural strength of 160 ± 8 MPa.

**IPS Empress Esthetic Veneer Material**

With the new IPS Empress Esthetic Veneer layering materials, veneers and anterior crowns can be fabricated using a combined press/layering technique: delivering outstanding aesthetic properties and an accurate fit.
Tooth 21 featuring a discoloured composite build-up

Preparation for IPS Empress Esthetic Veneer

Silanize the veneer with Monobond S and apply Excite DSC

Etch the veneer with IPS Ceramic etching gel and rinse

Etch enamel with phosphoric acid (Total Etch)

Etch dentin with Total Etch

Rinse phosphoric acid with water

Apply Excite DSC on enamel and dentin and disperse with blown air

IPS Empress Esthetic Veneer seated with Variolink II

Dr. Dr. Andreas Rathke / Urs Spirig

...for the following indications

<table>
<thead>
<tr>
<th>Indications</th>
<th>Luting material</th>
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</thead>
<tbody>
<tr>
<td>Veneer</td>
<td>✓ Variolink II</td>
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<tr>
<td>Inlays/partial crowns</td>
<td>✓ Variolink II or Multilink</td>
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<tr>
<td>Full crowns</td>
<td>✓ Variolink II or Multilink</td>
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Aesthetic and true-to-nature

The accurate shade is the basis for a true-to-nature restoration.

The Chromascop shade guide offers valuable support for accurate shade selection. The die shade guide helps to determine the dentin shade of the prepared tooth. The shade of the die and the desired tooth shade are decisive for the selection of the ingot shade.

Apart from the nine conventional ingot shades, IPS Empress Esthetic is also available in two ultra-bright Bleach shades, which are particularly suitable for veneers.
Defect-oriented and minimally invasive

Careful preparation is decisive for the durability and accuracy of fit of the restoration.

It is important to properly design the margin with a circular shoulder or chamfer preparation and rounded inner aspects. Transitions with sharp angles and feather edge margins should be avoided. In order to achieve a stable restoration, the minimum wall thicknesses have to be observed.
Adhesive luting:

Proven and coordinated

IPS Empress Esthetic restorations have to be adhesively cemented. We recommend Variolink II or Multilink and the dental adhesives Syntac or Excite DSC for the cementation of inlays, partial crowns and full crowns. For IPS Empress Esthetic Veneers only Variolink II should be used.

**Variolink II**

The Variolink II System, which has been successfully used for many years, links the clinical experience gathered over many years to the proven IPS Empress System. The light-/dual-curing luting composite for highly aesthetic demands is available with the dual-curing bonding agent Excite DSC or the tried-and-tested Syntac.

**Multilink**

The self-curing (chemically curing) resin-based luting cement Multilink is suitable for universal application and is available in the convenient double-push syringe.

**CEM Kit – Esthetic Cementation System**
(with Excite DSC)

**CEM Kit – Professional Set**
(with Syntac)

**Multilink System Pack**
Experts agree:

The success rate achieved with IPS Empress is convincing!

Dr. Michael Sesemann:
«IPS Empress has set the standard for all-ceramic restorations and it has always been my material of choice. With the addition of IPS Empress Esthetic, I can achieve even greater results with its life-like vitality and its expanded shade range.»

Dr. John Roberts:
«IPS Empress has always given me great results. With IPS Empress Esthetic I am achieving even better results with more life-like restorations. The improved ingots and the wider shade range give me the highly esthetic results my patients demand.»

Dr. Michael Miyasaki:
«In dentistry, we are used to seeing products become obsolete... IPS Empress just keeps getting better. After being a reliable aesthetic material that I’ve used for a decade it has become even more reliable and more aesthetic.»
Empress® Esthetic

Go for Esthetics. Go for IPS Empress Esthetic.

The IPS Empress Esthetic brochure is also available in a version for dental technicians and patients.

The Clinical Guide offers detailed information on the clinical application.