

Press release

**Heraeus Kulzer launches PalaVeneer® Veneer Shells
More room for aesthetics and efficiency**

Hanau, 2nd March 2015 – **With PalaVeneer®, Heraeus Kulzer is offering dental technicians ready-made veneer shells that leave more room for aesthetics and can be arranged significantly more efficiently. Heraeus Kulzer is presenting the new veneers in the Pala system at the International Dental Show (IDS) in Cologne.**

Conventional veneer shells are often too thick, with individual veneering or grinding of artificial teeth taking up the dental technician's valuable time. "Efficiency is becoming increasingly important, especially in light of the difficult economic situation dental laboratories are facing in Germany", says Olaf Mrotzek, Key Account Manager Teeth at Heraeus Kulzer. "We've responded to these changes in the market by developing ready-made veneer shells for the Pala system."

The new PalaVeneer veneer shells from Heraeus Kulzer are easy and safe to use and also save time, with a particularly thin, multilayered veneer less than a millimetre thick. This eliminates the time-consuming grinding of full teeth, while the veneer shells also allow for more efficient arrangement of teeth.

Flexible combinations

PalaVeneer veneer shells are part of the Pala Mix & Match system from Heraeus Kulzer and therefore compatible with the Pala Premium, Idealis and Mondial lines of teeth. The outer shape of the veneer is matched to the shape of the Premium anterior teeth and the reduced-cusp Idealis posterior teeth. The multilayered veneers guarantee absolute trueness to colour, form and function.

The "Premium" layering in the anterior region creates natural optical dynamics. The extended cervical areas and the lower fissure depth of the posteriors provide maximum space for creating implant and tertiary structures.

PalaVeneers are ready for use in the laboratory without requiring significant changes in workflows or additional investment in equipment. The dental technician attaches them with PalaVeneer Dentine, a PMMA-based powder and liquid system which is coloured to match the veneer shells. For framework conditioning, Heraeus Kulzer recommends Signum metal bond I & II and Signum opaque. The Palabond bonding agent additionally improves the adhesive bond between the veneer shells and PalaVeneer Dentine.

Developed in tune with the market

Heraeus Kulzer developed the new veneer shells in collaboration with around 20 dental technicians. In over 100 workshop hours, the participants discussed, tested and optimised the material properties, shapes and processing – until the aesthetics, function and handling were perfectly matched. The product took approximately three years from the initial concept until it was ready for the market.

"With PalaVeneer, we have significantly expanded our matching Pala system", says Mrotzek. "The new veneer shells provide an excellent overall aesthetic when little space is available, even in functionally difficult cases. They also reduce the workload for users, making the production of fixed and removable dentures more efficient."

Overview of PalaVeneer applications

- Telescopic work
- Implant structures (backward planning)
- Model cast prosthetics
- Cover dentures
- Aesthetic try-ons
- Laboratory manufactured temporary restorations
- CAD/CAM bridges and bars

Illustrations



Fig. 1: With PalaVeneer[®], Heraeus Kulzer now offers thinner veneer shells.



Fig. 2: Heraeus Kulzer presents the new veneer shells in the Pala system at IDS.

(Images approved for use in printed and online media)

(Image credits: ©Heraeus Kulzer)

More information about Heraeus Kulzer

- Special IDS page with product information and short clip:
www.heraeus-kulzer.de/ids2015
- Website with information on the company and products:
www.heraeus-kulzer.de
- YouTube channel with practical tips and tricks:
www.heraeus-kulzer.com/youtube
- Facebook page with the latest news from Heraeus Kulzer:
www.heraeus-kulzer.de/facebook
- Pala website with background information:
www.heraeus-kulzer.de/pala

About Heraeus Kulzer

Heraeus Kulzer GmbH is one of the world's leading dental companies with its headquarters in Hanau, Germany. As a trusted partner, the company supplies dentists and dental technicians with an extensive product range, covering cosmetic dentistry, tooth preservation, prosthetics, periodontology and digital dentistry. More than 1,400 employees at 25 locations worldwide are driven by their expertise and passion for the dental market and embody what the name Heraeus Kulzer stands for: service, quality and innovation. In 2013 Heraeus Kulzer's product turnover exceeded 400 million USD.

Heraeus Kulzer belongs to the Japanese Mitsui Chemicals group. Mitsui Chemicals Inc. (MCI) is based in Tokyo, and has 134 affiliates with more than 14,700 employees in 27 countries worldwide. Its innovative, practical chemical products are as much in demand in the automotive, electronics and packaging industries as they are in other fields such as environmental protection and healthcare.

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