Threefold efficiency: IvoclarVivadent introduces a new generation of the unique Adhese Universal VivaPen for universal bonding applications

IvoclarVivadent, one of the world's leading suppliers of integrated solutions for high-quality dental applications and a comprehensive product and systems portfolio for dentists* and dental technicians*, is the manufacturer of Adhese Universal, a light-curing single-component adhesive for direct and indirect restorations and all etching techniques. The bonding agent is applied from the unique VivaPen. A new generation of the pen-like applicator, which has been redesigned and made more user-friendly, is now being launched by the company.

The new, efficient version of the VivaPen provides up to three times more applications per millilitre of contents compared with conventional bottles.

The new VivaPen – unique and efficient down to the last detail
The redesigned VivaPen is very comfortable to handle. The pen's "click" mechanism dispenses the exact amount of bonding agent needed and therefore ensures the quick and controlled direct intraoral application of restoratives. The bendable tip gives access to all areas of the mouth and all cavity sizes. As a result of the VivaPen's streamlined shape, the view of the working field remains unobstructed. The fill level indicator built into the VivaPen provides constant information about the amount of adhesive that is still left in the pen.

Adhese Universal – quality that stands out
The universal adhesive Adhese Universal achieves reliable high bond strength values (> 25 MPa) on enamel and dentin, irrespective of the etching protocol used or of the wet or dry condition of the tooth surface. Predictable high bond strength values allow practitioners to work with confidence. Adhese Universal features an integrated desensitizing effect, which eliminates the need for a separate desensitizing agent. Adhese Universal can be applied very thinly and therefore offers practitioners exceptional freedom in the fabrication of direct and indirect restorations. The adhesive establishes a sound foundation on which customized solutions and outstanding esthetic results can be achieved.

Efficiency times three
The combination of Adhese Universal and the new VivaPen promises threefold efficiency:

- ***Up to three times more applications –economically dispensed from the VivaPen***
  The simple "click" mechanism pumps the exact amount of adhesive needed. The adhesive does not have to be predispensed into a mixing well. This significantly reduces the amount of material wasted.

- ***Universal use –for direct and indirect restorations and all etching protocols***
  Adhese Universal is the ideal adhesive for bonding composites of the Tetric line. The product acts as an adhesive in the placement of indirect and direct restorations with light and dual-curing luting materials or as a primer for conditioning restorations made from Tetric CAD composite blocks.

- ***Three-second curing –fast and reliable process***
  Adhese Universal cures with conventional curing lights (with a light intensity of 2000 mW/cm2) in just five seconds. At a light intensity of 3000 mW/cm2, as provided by the BluephasePowerCure from IvoclarVivadent, the curing process is reduced to only three seconds.

Availability
The newIvoclarVivadentVivaPen will be available as of October

About IvoclarVivadent
IvoclarVivadent, headquartered in Schaan, Liechtenstein, is one of the world's leading manufacturers of integrated solutions for high-quality dental applications. The company's success is based on a comprehensive portfolio of products, systems and services, strong research and development capabilities and a clear commitment to training and further education. The company, which sells its products to around 130 countries, has 47 subsidiaries and branch offices and employs roughly 3,500 people worldwide. More information about IvoclarVivadent is available at www.ivoclarvivadent.com.

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