

Media release

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Faster. Better. Stronger. Adhese Universal in the VivaPen for enhanced efficiency of dental treatment protocols

The Ivoclar Group, a leading supplier of integrated solutions for high-quality dental applications, offering a comprehensive product and systems portfolio for dentists, dental technicians and dental hygienists, has developed an advanced portfolio for direct restorative treatment procedures with the aim of enhancing the efficiency of dental practices in achieving exceptionally esthetic results. Its Direct Restoratives Workflow features products for every step of the treatment process.

The Direct Restoratives Workflow from Ivoclar is intended to help dentists improve the efficiency of their treatments. Ideally matched products of high quality ensure maximum efficiency and highly esthetic results. "Ivoclar offers coordinated direct restorative treatment products that promote an efficient workflow and are developed to meet the needs of patients and dental professionals alike," emphasized Reinhard Goerge, Director GBU Direct Restoratives, recently.

The workflow has three main attributes:

Faster – The portfolio comprises reliable products that reduce the time required to place posterior restorations. The products save up to 51 percent of the working time.¹

Better – The Direct Restoratives Workflow exemplifies true team spirit. The products are designed to work together as a team and significantly simplify the work in the dental practice.

Stronger – High-quality dental products offer patients excellent esthetics, and they improve the efficiency of dental professionals at the same time.

A click is all it takes: Adhese® Universal in the efficient VivaPen®

Ivoclar has developed a pioneering solution for establishing a strong adhesive bond: the light-curing single-component Adhese® Universal adhesive in the innovative and user-friendly VivaPen®.

Adhese Universal in the VivaPen yields up to four times more applications per ml of product compared with bottle adhesives, which makes both economic and environmental sense and therefore sets new benchmarks in the dental industry. One VivaPen containing Adhese Universal can be used to place an impressive number of 187 single teeth^{2*}. Clearly, Adhese Universal optimizes product usage and enhances the efficiency of the Direct Restoratives Workflow in the dental office. The single-component adhesive ensures fast and controlled direct application in the oral cavity. The click mechanism, which allows the adhesive to be placed with utmost precision, appeals to users. Irrespective of the etching protocol used^{3*} and the moisture

¹ With the 3s PowerCure products

² Berndt & Partner, VivaPen Benchmarking Study, Study Report, April 2022

³ Except in cases where sufficient exposure to curing light cannot be ensured (for example, the placement of endodontic posts)

conditions on the tooth surface, Adhese Universal achieves a strong bond of more than 25 MPa on enamel and dentin. The desensitizing properties of the product help to minimize the risk of postoperative sensitivity under wet and dry conditions.

Innovative design for confident bonding

The pen-like design of the VivaPen in combination with the bendable tip ensures easy handling in the mouth – without having to predispose the adhesive into a mixing well. This allows you to bond restorations with confidence and ensures the accurate fit of indirect restorations. Fast and reliable curing in only three seconds using the 3sCure light-curing mode or in only five seconds (with a light intensity of 2,000 mW/cm²) using the Bluephase PowerCure makes the treatment protocol significantly more efficient. Adhese Universal can be used to bond both direct and indirect restorations using all the different etching protocols*.

Adhese Universal provides threefold efficiency: It is suitable for universal use, reduces the amount of material wasted and requires only short light exposure – an optimal solution for dentists who value quality and efficiency equally.

More information about direct restorative treatment:

https://www.ivoclar.com/en_li/campaigns/start-your-efficiency-journey

About the Ivoclar Group:

The Ivoclar Group, headquartered in Schaan, Liechtenstein, is one of the world's leading manufacturers of integrated solutions for high-quality dental applications. For over a century, the company has been shaping the dental industry, enabling people to achieve the best oral health and enjoy a beautiful smile. 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 group of companies, which sells its products to around 130 countries, has 56 subsidiaries and branch offices and employs roughly 3,700 people worldwide. More information about the Ivoclar Group is available at ivoclar.com.

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