



# Changing mindset towards simplified procedures with **universal bonding systems**

A clinical case report by **Dr. Serhat Köken**



## Dr Serhat KÖKEN

*Born in the central Anatolian city Eskisehir, Serhat Köken graduated from Marmara School of Dentistry (Istanbul) in 1998. Since 2001, he has practised general dentistry at his private clinic in Istanbul. Over the years, Dr. Köken has focused on direct composite resin applications and dental photography and presented at national meetings on both the technical and artistic aspects of anterior direct resin restorations. Dr Köken has also presented numerous hands-on courses in Istanbul on composite resin artistry. Serhat Köken is a co-founder of the Instant Composite and Trquoise Study Clubs and is an active member of the Turkish Academy of Esthetic Dentistry and the Kalkedon Advanced Dental Study Group. He is married with two children.*

I have been using etch & rinse adhesive systems for many years. I trust their performance, but unfortunately they are clinically more technique-sensitive. In order to be successful with these products, it is necessary to carefully follow the steps and this can be time-consuming. **Even small procedural errors can affect the performance of etch & rinse adhesives, and potentially lead to hypersensitivity issues or even cause an adhesive failure. For this reason, I started using “Selective Etch” systems, which have the advantage to be less technique-sensitive while offering easier manipulation.** However, I kept using both types of adhesives in my practice, depending on which approach is most suitable to each indication.

**Recently, manufacturers developed a new generation of bonding agents described as “universal”. Most of these adhesives are offered in a single bottle and are compatible with all etching modes. Moreover, some of these universal adhesives can be used for repair cases and hypersensitivity treatment on top of the usual direct bonding indications.**

These new innovative products helped me simplify some of my clinical procedures in a convenient way.

I was looking for a product to replace my long-term favourite adhesive, while offering easy handling. And recently, my dealer introduced me to the new universal bonding from GC, G-Premio BOND. This new adhesive contains three different functional monomers: 4-MET, which bonds to enamel and dentin; MDP which bonds to enamel, dentin, zirconia, alumina and non-precious metals; and MDTP\*, a new monomer which has the ability to bond to precious metals. This special combination of monomers gives me great confidence that the product can achieve a high level of performance in a clinically short time.

**Thanks to this formulation, it is possible to use G-Premio BOND in all etching modes (self-etch, selective etch and total-etch) and for a wide spectrum of indications: direct composite restorations, but also repair and hypersensitivity cases.**

This is overall beneficial for the practice, as it is not needed anymore to keep several types of products for rare cases such as repair or hypersensitivity treatment.

\* MDTP = Methacryloyloxydecyl dihydrogen thiophosphate



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