

Media release

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The Dental Advisor: Top rating for Tetric EvoCeram Bulk Fill

The noted US-based dental test institute The Dental Advisor has awarded Tetric EvoCeram Bulk Fill, the posterior filling composite from Ivoclar Vivadent, five out of a possible five points and selected the product for the special recognition of Editors' Choice.

Tetric EvoCeram Bulk Fill was used by 31 consultants to place a total of 746 restorations. In this evaluation, the composite resin received a clinical rating of 97 percent with the following results: Tetric EvoCeram Bulk Fill shows very good handling properties for filling posterior teeth. Since the product can be cured in layers of up to 4 mm, most of the cavities require only one composite increment. As a result, the treatment time is reduced. The composite is easy to adapt to cavity walls and to contour. The three shades of Tetric EvoCeram Bulk Fill are adequate for use in posterior dentition. The material adjusts to the appearance of natural enamel due to its appropriate translucency. Heavily stained dentin may shine through the composite resin, if it is not blocked out with an opaque liner. The radiopacity of the material has been rated very good. Sixty-one percent of the people who evaluated the product said that Tetric EvoCeram Bulk Fill is better than the bulk filling product that they currently use, while thirty-two percent of the consultants rated it just as good. Eighty percent of the evaluators said that they would switch to using Tetric EvoCeram Bulk Fill and 94 percent said that they would recommend it.

The top product at a glance

Tetric EvoCeram Bulk Fill is a mouldable nanohybrid composite resin for the efficient 4-mm bulk filling technique in posterior teeth. In addition to the conventional light initiators camphorquinone and Lucirin, the light-curing radiopaque composite resin contains the patented light activator Ivocerin. This polymerization booster is more reactive than conventional light initiators. Consequently, polymerization is activated even in deep cavities to ensure complete cure of the composite resin in 10 seconds ($\geq 1,000 \text{ mW/cm}^2$). The material's translucency of 15 percent is similar to that of natural enamel. As a result, the composite fillings do not have a greyish tinge. Due to the patented light sensitivity inhibitor, the material can be placed without the pressure of time. Tetric EvoCeram Bulk Fill contains a special shrinkage stress reliever to keep polymerization shrinkage to a minimum. It acts like a spring to dampen the forces generated during shrinkage. The product is available in three shades: IVA for teeth in the red range, IVB for teeth in the yellow range and IVW for deciduous and light-coloured teeth.

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Tetric EvoCeram® is a registered trademark of Ivoclar Vivadent AG.

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Captions:

(Tetric EvoCeram Bulk Fill.jpg)

Fig. 1: Tetric EvoCeram Bulk Fill has received top honours from the noted US-based dental test institute The Dental Advisor, earning five out of five points and the special recognition of Editors' Choice.

(TEC Bulk Fill Anwendungsbild1.jpg)

Fig. 2: Initial situation: Defective amalgam filling [Photo: Dr. Eduardo Mahn, Las Condes, Santiago/Chile]

(TEC Bulk Fill Anwendungsbild2.jpg)

Fig. 3: Restoration placed with Tetric EvoCeram Bulk Fill, two weeks in situ [Photo: Dr. Eduardo Mahn, Las Condes, Santiago/Chile]

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