Filtek™ Bulk Fill Posterior Restorative

A Fast and Easy Solution for Pediatric Restorations

Clinical photography by: Dr. Joshua Wren

About the Case:

The 8-year-old patient presented with a debonded restoration. Caries had been previously excavated. After minimal additional preparation, Single Bond Universal Adhesive was applied using the selective etch technique. This technique, where enamel is etched using phosphoric acid and dentin is treated using the self-etch component of the adhesive, is becoming very popular. After curing the adhesive, Filtek™ Bulk Fill Posterior Restorative was placed in a single increment and cured from the occlusal. Minimal finishing and polishing was required.

Challenge:

Techniques that offer predictable, efficient procedures are especially well suited to pediatric dentistry, where the time needed to place a restoration can be critical. As with adult patients, an esthetic result is also a goal of the treatment. From a technical perspective, a Class I restoration has perhaps the highest C-factor of any restoration — thus the restorative chosen must be designed to minimize stress that occurs during polymerization.

Step-by-Step:

Fig. 1: Preoperative View. Patient presented with missing restoration.

Fig. 2: Final preparation, including beveled enamel margins.

Fig. 3: Immediately after placement of a single increment of Filtek™ Bulk Fill Posterior Restorative.

Fig. 4: After initial finishing and polishing.

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Fig. 5: The final restoration.

The 3M Difference:

The one-step placement technique of Filtek™ Bulk Fill Posterior Restorative, combined with Single Bond Universal Adhesive, provides the speed and simplicity you need for pediatric restorations.

Dr. Wren has received honoraria from 3M ESPE Dental.

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