

# 3M™ Filtek™ Supreme Flowable Restorative

## Margin Enamel Chipping



Clinical dentistry  
and photography by  
**Dr. Walter Devoto**  
Santa Margherita Ligure, Italy



### About the case:

A flowable composite with controlled delivery system was selected to repair a child's right central incisor.



### Challenge:

Detect and eliminate air bubbles in the composite before curing.

Before:



After:



### Products featured in this case:



3M™ Scotchbond™  
Universal Adhesive



3M™ Filtek™ Supreme  
Flowable Restorative



3M™ Sof-Lex™ Contouring  
and Polishing Discs



3M™ Sof-Lex™ Diamond  
Polishing System

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- ▶ 3M™ Scotchbond™ Universal Adhesive
- ▶ 3M™ Filtek™ Supreme Flowable Restorative
- ▶ 3M™ Elipar™ DeepCure-S LED Curing Light
- ▶ 3M™ Sof-Lex™ Contouring and Polishing Discs



**Fig. 1:** A fracture on the upper-right central incisor is evident on this pre-operative facial view.



**Fig. 2:** The palatal pre-operative view reveals how little tooth structure is missing and, conversely, how little composite will be required for the restorative procedure.



**Fig. 3:** After cleaning with a 3M™ Sof-Lex™ Extra-Thin Contouring and Polishing Disc (coarse grit), the tooth is etched for 15 seconds using 3M™ Scotchbond™ Universal Etchant and rinsed.



**Fig. 4:** 3M™ Scotchbond™ Universal Adhesive is applied, rubbed in for 20 seconds, treated with a gentle stream of air for solvent evaporation, and light cured\* for 10 seconds.

\* Light cured according to the manufacturer's guidelines

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**Fig. 5:** 3M™ Filtek™ Supreme Flowable Restorative is applied directly from the needle tip delivery system to the incisal edge in need of repair.



**Fig. 6:** The first layer of 3M™ Filtek™ Supreme Flowable Restorative prior to light curing. Notice that the material is stable on the tooth (no running or dripping).



**Fig. 7:** Appearance of the tooth after the application and light curing\* (10 seconds) of two layers of flowable. Contouring with a 3M™ Sof-Lex™ Extra-Thin Contouring and Polishing Disc.



**Fig. 8:** A slow speed coarse bur (Styleitaliano Finishing Bur Kit) recreates the original texture of the tooth.

\* Light cured according to the manufacturer's guidelines

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**Fig. 9:** The 3M™ Sof-Lex™ Diamond Polishing System is used to obtain the final restorative luster.



**Fig. 10:** The final esthetic result reveals an excellent match in both color and form.



**Fig. 11:** Notice that the margin of the restoration is undetectable, even without having prepared the tooth.

