

3M™ Filtek™ Universal Restorative
Hidden Proximal Caries

Posterior



Clinical dentistry
and photography by
Prof. Dr. Alberto Ferreiroa
Madrid, Spain



About the case:
Patient had hidden interproximal caries
on upper first pre-molar.

Before:



After:



**Products featured
in this case:**



3M™ Scotchbond™
Universal Plus Adhesive



3M™ Filtek™
Universal Restorative



3M™ Sof-Lex™ Diamond
Polishing System

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Fig. 1: Initial situation.



Fig. 2: X-ray showed hidden caries at the distal side of the upper first pre-molar.



Fig. 3: Isolation with rubber dam.



Fig. 4: Preparation.

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Fig. 5: Selective enamel etch. Phosphoric acid gel was applied for 15 seconds, rinsed and lightly dried.



Fig. 6: Adhesive was applied on dentin, rubbed in for 20 seconds, air dried for 5 seconds and light cured for 10 seconds.*



Fig. 7: After adaptation of the matrix system, the first layer of 3M™ Filtek™ Universal Restorative, shade A2, was placed.



Fig. 8: Placement of the restoration is completed.

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* Light cured according to the manufacturer's guidelines

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Fig. 9: The restoration was polished with the first spiral in the two-step 3M™ Sof-Lex™ Diamond Polishing System.



Fig. 10: A high gloss was achieved using 3M™ Sof-Lex™ Diamond Polishing System's second spiral.



Fig. 11: Polished restoration.



Fig. 12: Final restoration.