

Treatment of fractured composite restoration of first lower molar with 3M™ Filtek™ One Bulk Fill Restorative

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About the Case:

Male patient.

Patient needed treatment due to a fractured composite restoration. Fractured restoration was causing patient significant discomfort.

Challenge:

The complete removal of the fractured composite restoration resulted in a large restoration that needed to be completed in a short amount of time.

Step-by-Step:



Fig. 1: Initial situation: Fractured composite restoration of first lower molar.



Fig. 2: The tooth is isolated and the insufficient composite restoration completely removed.

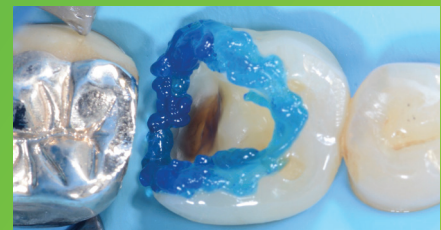


Fig. 3: Tooth is etched with a selective enamel etching technique using 3M™ Scotchbond™ Universal Etchant.

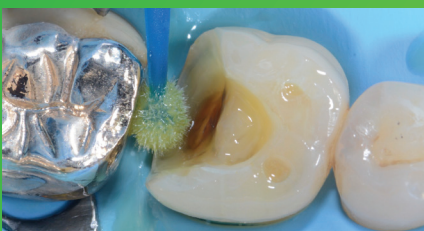


Fig. 4: 3M™ Scotchbond™ Universal Adhesive is applied for 20 seconds.

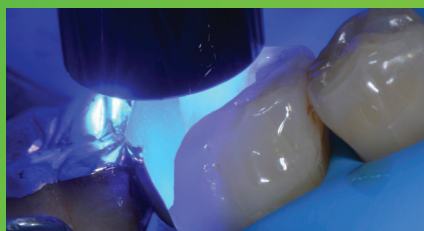


Fig. 5: After air drying for approximately 5 seconds, 3M™ Elipar™ DeepCure-S LED Curing Light is used to light cure for 10 seconds.



Fig. 6: 3M™ Filtek™ One Bulk Fill Restorative, shade A3, is placed directly into the cavity and then cured according to the Instructions for Use.

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Fig. 7: 3M™ Filtek™ One Bulk Fill Restorative surface finished before final polishing.



Fig. 8: Pre-polishing of restoration with 3M™ Sof-Lex™ Pre-Polishing Spiral.



Fig. 9: Polishing with 3M™ Sof-Lex™ Diamond Polishing Spiral to create a final smooth and high-gloss polish for a natural-looking restoration.



Fig. 10: Final restoration at a recall visit 4 months after placement is natural-looking and esthetic.

The 3M Difference:

With its one-step placement and easy handling, 3M™ Filtek™ One Bulk Fill Restorative enabled a fast and easy posterior restoration without compromising on esthetics. The patient was very satisfied with the efficiency of the procedure and natural-looking result.

Refer to Instructions for Use (IFU) for complete product information.

3M

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