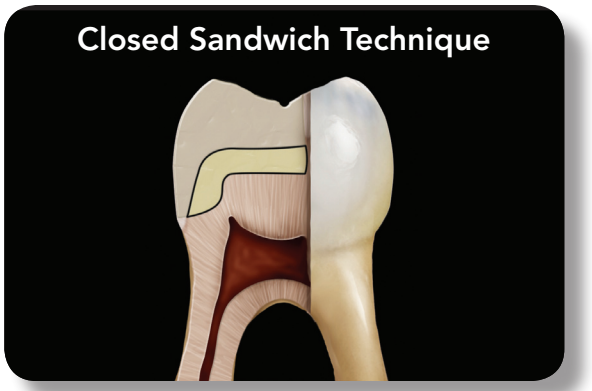
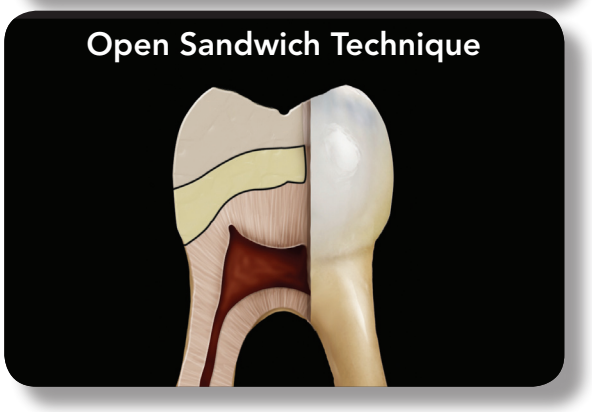
PROVEN:

The Sandwich Technique with Glass Ionomer & Composite Resin.





The sandwich technique using glass ionomer plus composite resin offers significant clinical advantages.[1]

Clinical benefits:

- Reduced post-operative sensitivity
- Pulpal protection from irritation[2]
- Fluoride release over time[3]
- Prevention of demineralization
- Remineralization of affected dentin
- Rapid placement and curing of a single bulk layer

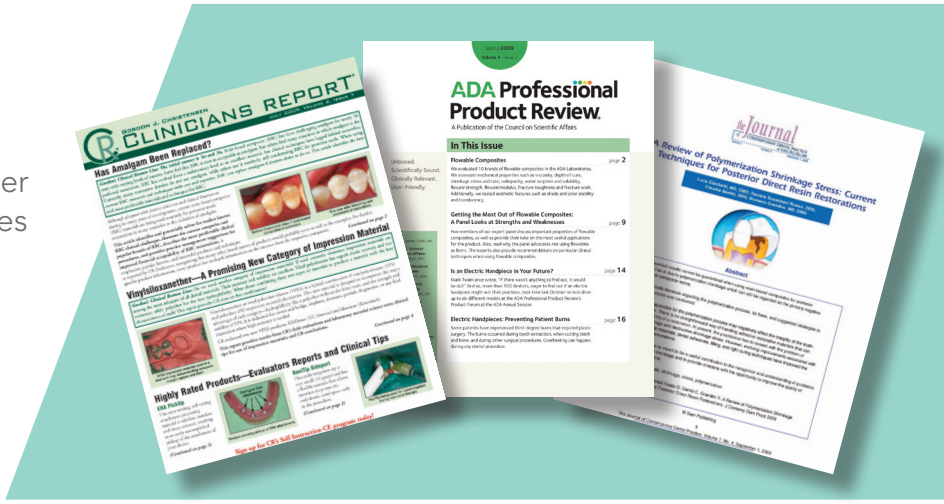
Indications for the sandwich technique:

- Deep posterior restorations
- Extensive, bulky posterior restorations
- Posterior restorations with subgingival interproximal preparations that are difficult to isolate or where no enamel remains (open technique)

"When placing posterior composites, use of the sandwich technique prevents post-op sensitivity." E. Hewlett, DDS

Leading Independent Reviews Confirm the Benefits of the Sandwich Technique:

- Placement of moisture tolerant glass ionomer restorative in subgingival interproximal boxes
- Reduced microleakage compared to composite-only techniques[4]
- Zone of inhibition adjacent to the glass ionomer[5]

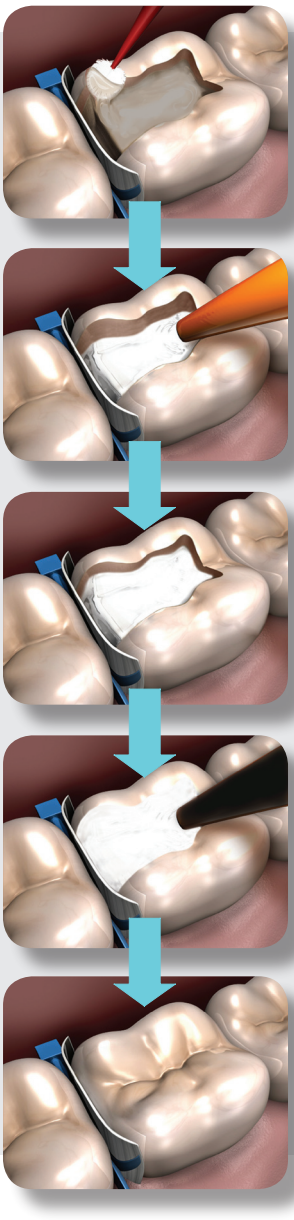


1 Giachetti et al. A review of polymerization shrinkage stress: current techniques for posterior direct resin restorations. Journal of Contemporary Dental Practice, Volume 7, No. 4, 2006. 2 Suzuki et al. Glass ionomer composite sandwich technique. Journal of the American Dental Association, Volume 120, 1990. 3 Berg JH. Glass ionomer cements. Pediatric Dentistry, Volume 25, No. 5, 2002. 4 Hagge et al. Effect of four intermediate layer treatments on microleakage of Class II composite restorations. General Dentistry, Volume 49, No. 2, 2001. 5 Tantbirojn et al. Inhibition of dentin demineralization adjacent to a glass-ionomer/composite sandwich restoration. Quintessence International, Volume 40, No. 4, 2009.

GC

Clinical Step-by-Step Guide

Open Sandwich Technique Using Self-Cured Glass Ionomer



Class II preparation with deep subgingival box.

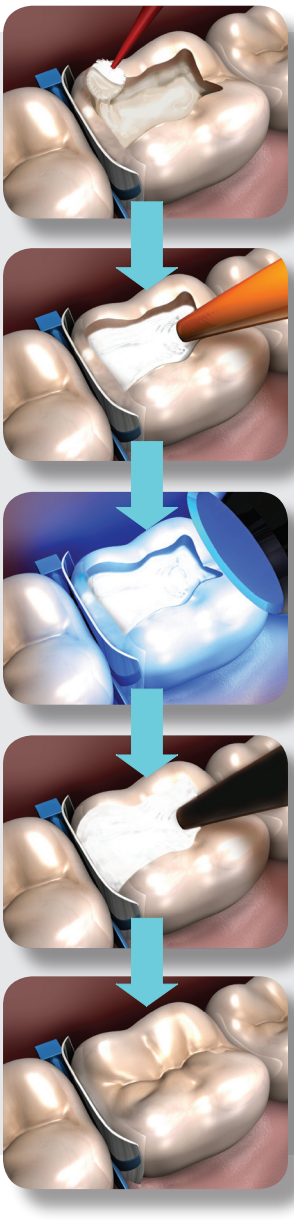
Placement of **EQUIA**™ in box to the gingival margin and occlusally.

Self-curing of **EQUIA**™.

Apply **G-ænial**™ **Bond**, then place **KALORE**™ composite, followed by light-curing.

Final, esthetic glass ionomer and composite sandwich technique restoration.

Closed Sandwich Technique Using Light-Cured Glass Ionomer*



Class II preparation with shallow supragingival box.

Placement of **GC Fuji II**™ **LC** occlusally.

Light-curing of **GC Fuji II**™ **LC**.

Apply **G-ænial**™ **Bond**, then place **KALORE**™ composite, followed by light-curing.

Final, esthetic glass ionomer and composite sandwich technique restoration.

* Self-curing glass ionomer is also suitable for this technique

Top-Selling Shades - Contact Your Dealer Representative For All Available Shades!

KALORE Unitip Refills (contains 20 unitips): **003613** A2 **003614** A1 **003615** A3	**GC Fuji II LC 25-Capsule Assorted Packages:** **436400** Light Shades (contains 5 capsules each of A1, A2, A3, B2, and C2)
KALORE Syringe Refills (contains 1 syringe): **003577** A2 **003578** A1 **003579** A3	**GC Fuji II LC 50-Capsule Refills:** **000138** A1 **000139** A2 **000140** A3 **000141** A3.5
KALORE Trial Kits: **003624** Syringe (contains 1 syringe each of A1, A2 and BW) **003569** Unitip (contains 20 unitips of A1 and A2, 10 unitips of BW)	**EQUIA Fil 50-Capsule Refills:** **004260** A1 **004261** A2 **004264** B1 **004266** B3 **004259** Assorted (contains 10 capsules each of A2, A3, A3.5, B1 and B3)

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