PROVEN: The Sandwich Technique with Glass Ionomer & Composite Resin.

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)

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

Clinical benefits:
• Reduced post-operative sensitivity
• Pulpal protection from irritation²
• Fluoride release over time³
• Prevention of demineralization
• Remineralization of affected dentin
• Rapid placement and curing of a single bulk layer

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• Deep posterior restorations
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“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 techniques⁴
• Zone of inhibition adjacent to the glass ionomer⁵

References:
Clinical Step-by-Step Guide

Open Sandwich Technique
Using Self-Cured Glass Ionomer

1. Class II preparation with deep subgingival box.
2. Placement of EQUIA™ in box to the gingival margin and occlusally.
4. Apply G-ænial™ Bond, then place KALORE™ composite, followed by light-curing.
5. Final, esthetic glass ionomer and composite sandwich technique restoration.

Closed Sandwich Technique
Using Light-Cured Glass Ionomer

1. Class II preparation with shallow supragingival box.
2. Placement of GC Fuji II™ LC occlusally.
3. Light-curing of GC Fuji II™ LC.
4. Apply G-ænial™ Bond, then place KALORE™ composite, followed by light-curing.
5. Final, esthetic glass ionomer and composite sandwich technique restoration.

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KALORE Unitip Refills (contains 20 unitips):
- 003613 A2
- 003614 A1
- 003615 A3

KALORE Syringe Refills (contains 1 syringe):
- 003577 A2
- 003578 A1
- 003579 A3

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)

GC Fuji II LC 25-Capsule Assorted Packages:
- 436400 Light Shades (contains 5 capsules each of A1, A2, A3, B2, and C2)

GC Fuji II LC 50-Capsule Refills:
- 000138 A1
- 000139 A2
- 000140 A3
- 000141 A3.5

EQUIA Fil 50-Capsule Refills:
- 004259 Assorted (contains 10 capsules each of A2, A3, A3.5, B1 and B3)

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