



Dentapreg™

Cantilever Bridge - Direct

Creating bridge framework with Dentapreg™ strip always includes several basic procedures repeated in all particular clinical situations:

- Maintain dry field during all procedures of placement the bridgework.
- Acid etch the bonding surface using common commercial etching gels or liquids.
- Apply thin layer of a desired adhesive and cure.
- Form and bond Dentapreg™ Bridge, cure it.
- Finish the bridgework.



Step 1: Prepare the Teeth

- Prepare the surface of abutment teeth in the usual way.
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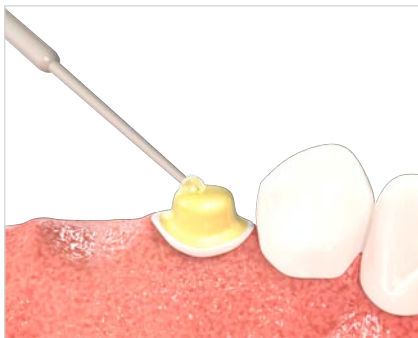
Step 2: Measure the Length

- Measure the required length of the Dentapreg™ strip using dental floss or wax. The length of the strip should be slightly longer than the final length of the framework to accommodate for the adaptation.
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Step 3: Etch the Teeth

- Etch the bonding surface of the teeth for approx. 30 second (37% phosphoric acid etching agent).
 - Rinse throughoutly and gently dry with a flow of dry air.
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Step 4: Apply Adhesive

- Apply adhesive to the teeth preparation according to manufacturer instructions. Do not light cure!
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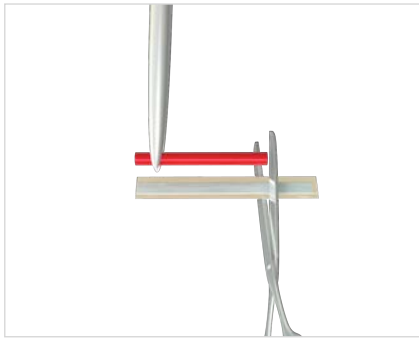
Step 5: Apply Flow Composite

- Apply hybrid/flowable composite according to manufacturer directions. Do not cure it!
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Step 6: Open the Blister

- Separate the single strip from the blister breaking the perforated ligament similarly to blister packaged drugs.
 - Using a sharp instrument (scissors, knife, razor blade, scalpel), perforate the foil of the blister pack along 3 sides.
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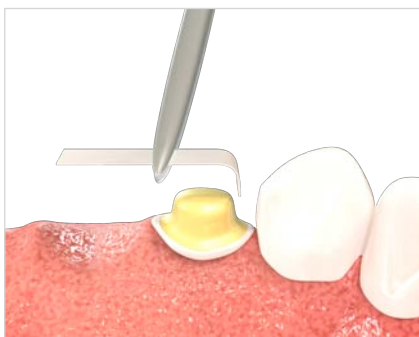
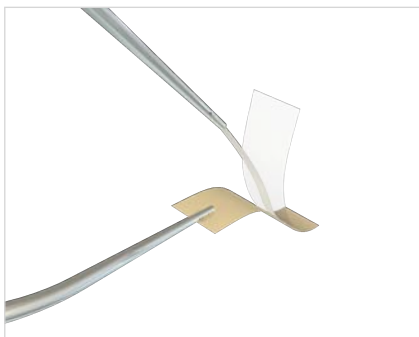
Step 7: Cut the Strip

- Remove the strip from the blister, cut the strip with regular scissors.
 - Place the rest of leftover trimmed strip back into the blister and re-cover with foil. This will prevent premature polymerization of the strip.
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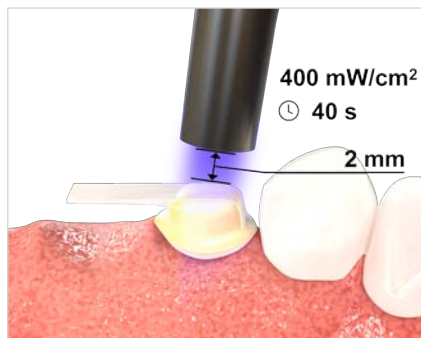
Step 8: Peel Back the Waxed and Transparent Foil

- Peel back the waxed paper and transparent foil.
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Step 9: Place the Strip

- Sink and adapt the Dentapreg™ strip into the hybrid/flowable composite.
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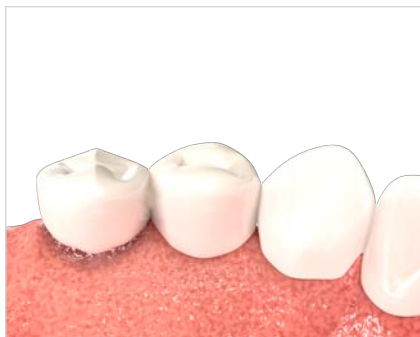
Step 10: Light Cure the Strip

- Light cure each end of the strip. When using common halogen light curing lamp light cure each end for 40 seconds. With LED lamp cure each end for 20 seconds. Cure the rest of the strip for minimum of 40 seconds.



Step 12: Build - up the Pontic

- Build-up the pontic using the common light curing C&B composite materials, follow the manufacturer instructions.
- Polish the bridge.



Step 13: Final Bridge

- Final cantilever bridge reinforced with Dentapreg™ strip.

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