

Dentapreg™ Bridge - Procedures

Basic Procedures in Short

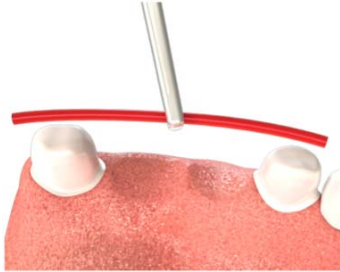
Creating bridge framework with **Dentapreg™ strip** always includes several basic procedures repeated in all particular clinical situations:

- (A) Clean the bonding surface of abutment teeth
- (B) Maintain dry field during all procedures of placement the bridgework
- (C) Acid etch the bonding surface using common commercial etching gels or liquids
- (D) Apply thin layer of a desired adhesive and cure
- (E) Form and bond **Dentapreg™ Bridge**, cure it
- (F) Finish the bridgework

Detailed Step-by Step Instruction for Provisional Bridge

<i>Office/Clinic</i>	Step 1: Prepare an Impression
	<ul style="list-style-type: none">• Take a silicon impression of the desired portion of the arch
Step 2: Prepare the Teeth	
	<ul style="list-style-type: none">• Prepare the teeth

Step 3: Measure the Length of Dentapreg™ Bridge Strip



- Use dental floss or wax rope for this measurement

Step 4: Apply Light-cure Resin

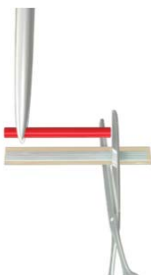


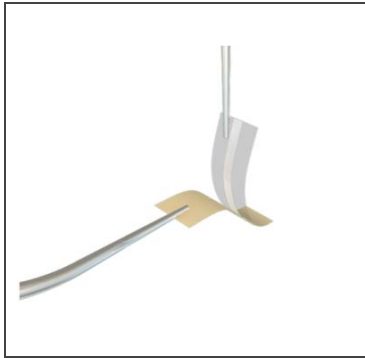
- Place a small amount of provisional light-cure resin at the bottom of the impression

Step 5: Prepare Dentapreg™ Bridge Strip



- Separate the single strip from the blister breaking the perforated ligament similarly to blister packaged drugs
- Use sharp instrument (scissors, knife, razor blade, scalpel) to open the aluminum foil along three sides
- Remove the strip from the blister, cut the strip with regular scissors and peel back the waxed paper and transparent foil
- Place the trimmed strip into the light save box. This will prevent premature polymerization of the strip





Step 6: Adaptation of Dentapreg™ Strip



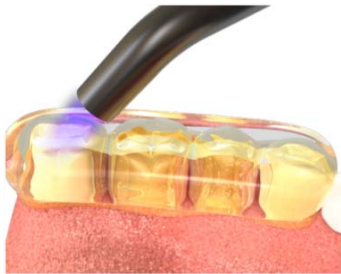
- Peel back the wax paper and transparent foil from Dentapreg™ Bridge strip
- Place a Dentapreg™ Bridge strip required length into the resin
- Fill the remaining portion of the impression containing the Dentapreg™ Bridge strip with the provisional light-cure resin



Step 7: Light Curing



- Place the mold over the abutments and cure the strip.
- When using common light curing lamp light cure 1 cm of Dentapreg™ strip for 30 - 40 seconds



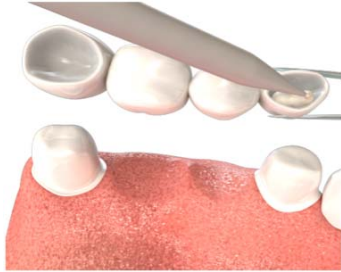
Step 8: Finishing the Bridge



- Remove the mold
- Remove excess resin and polish



Step 9: Cementation



- FPD cementation

Step 10: Place of FPD



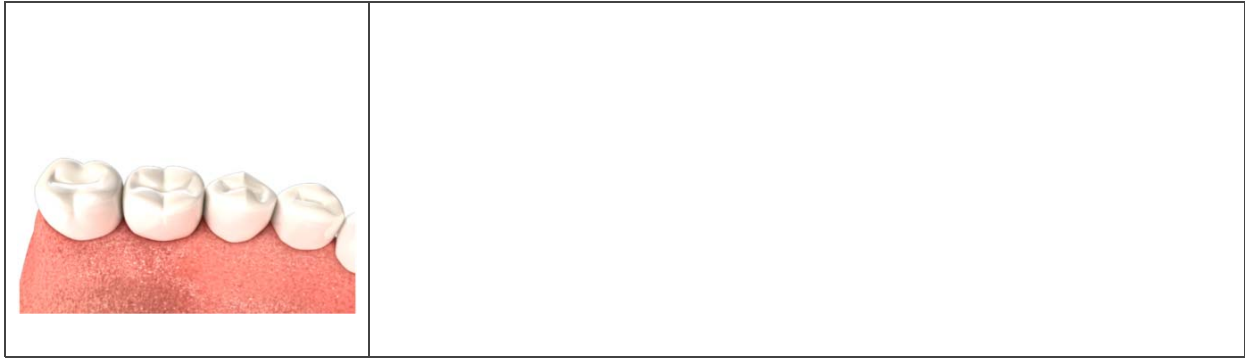
- Place and press carefully framework to the abutments.

Step 11: Final Adjustment



- Polish the attachments





General Remarks for Working with Dentapreg™

- Dental stone model is a good training tool for trials of **Dentapreg™**,
- Avoid sharp edges and undercuts on the model,
- Before forming **Dentapreg™** strip on a model, always apply separation liquid or wax,
- Always use the widest clinically acceptable **Dentapreg™** strip,
- During forming and adaptation of the **Dentapreg™** strip advance slowly from one end to the other to allow for a good adaptation of the fibrous reinforcement and small flow of the resin to avoid defects and shape memory effect,
- To minimize potential damage to the fibers, is recommended to use plastic instruments used to work with dental filling composites,
- When preparing the strip (measuring, trimming), keep the strip in it's original transparent protection foil to avoid contamination,
- Avoid sharp edges and extremely small interproximal curvatures when forming **Dentapreg™** strips to prevent fiber breakage,
- Most commercially available light or dual curing dental adhesives can be used to bond **Dentapreg™** strips
- Adhere strictly to the acid etching and adhesive curing procedures recommended by the etching agent and adhesive manufacturers,
- Polishing or sand blasting of cured **Dentapreg™** should be avoided, to enhance patient comfort and maintain good hygienic conditions, a layer of light curing hybrid composite can be deposited on the **Dentapreg™** surface and polished using standard procedures.