

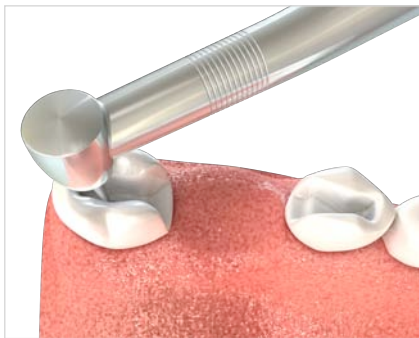


Dentapreg™

Inlay* Bridge Posterior - Indirect

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

- Take an impression of the arch and prepare the stone model.
- Prepare the bridge reinforced with Dentapreg™ strip.
- Clean the bonding surface of abutment teeth.
- Maintain dry field during all procedures of placement the bridgework.
- Sand and acid etch the bonding surface using common commercial etching gels or liquids.
- Cement the Dentapreg™ Bridge.
- Finish the bridgework.



Step 1: Prepare the Teeth (Office)

- Prepare the surface of abutment teeth in the usual way.



Step 2: Make an Impression (Office)

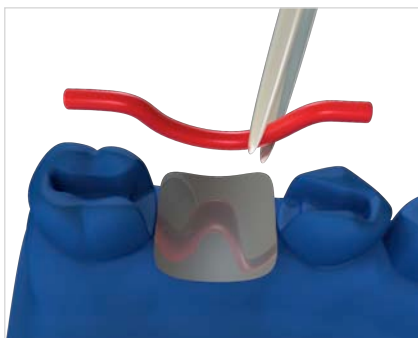
- Take a silicon impression of the arch (silicon, polyether).

**Other combinations of abutment teeth preparation are possible (In-Cr, In-On, On-On, On-Cr, Cr-Cr)*



Step 3: Prepare Stone Model (Laboratory)

- Make a dental stone model of the desired portion of the arch.
- Isolate the working area of dental stone model.



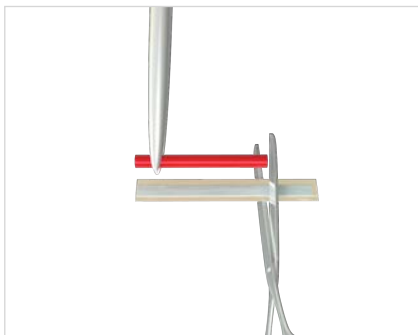
Step 4: Measure the Length (Laboratory)

- 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.



Step 5: Open the Blister (Laboratory)

- 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.



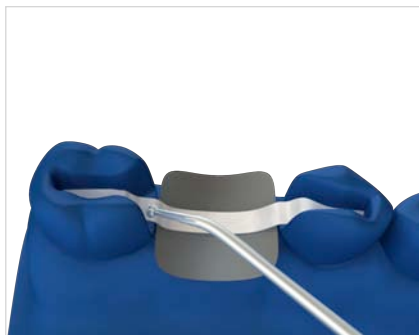
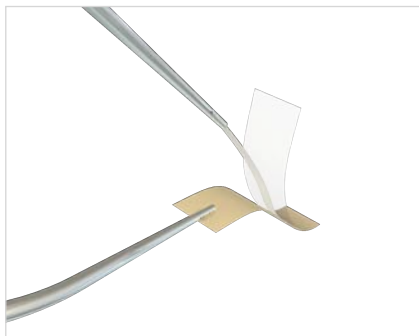
Step 6: Cut the Strip (Laboratory)

- Remove the strip from the blister, cut the strip with regular scissors.
- Place the rest of leftover trimmed strip back into the blister and recover with foil. This will prevent premature polymerization of the strip.



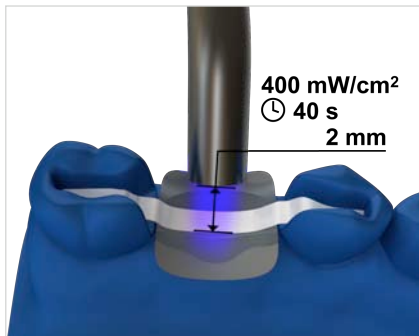
Step 7: Peel Back the Waxed and Transparent Foil (Laboratory)

- Peel back the waxed paper and transparent foil.



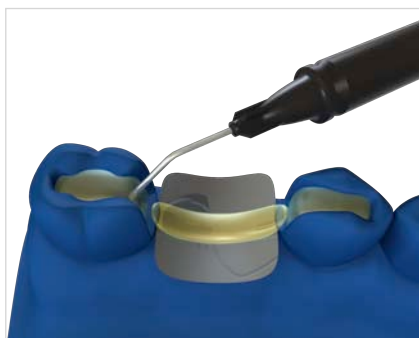
Step 8: Form the Strip (Laboratory)

- Place and adapt trimmed strip in the designated area on the model and contour it into required shape.
 - **Important notice:** To ensure the best mechanical function of Dentapreg™ bridge framework it is necessary to place the strip to tensed area of bridgework. For better forming of the strip it is useful to make a silicon pad covering gingival in the pontic area.
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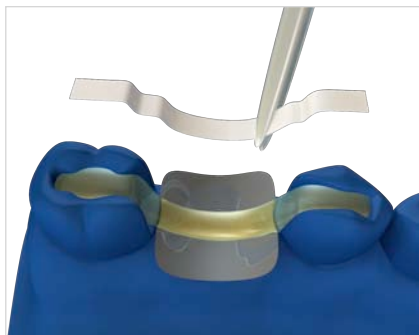
Step 9: Light Cure the Strip (Laboratory)

- 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.



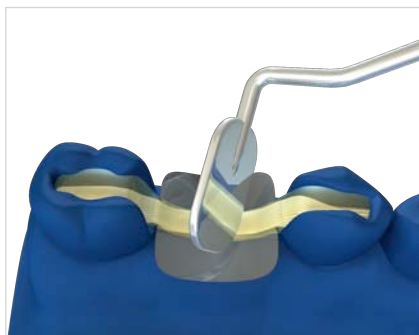
Step 10: Apply Flow Composite (Laboratory)

- Apply a thin layer of hybrid/flowable composite along desired framework area.
- Do not light cure!



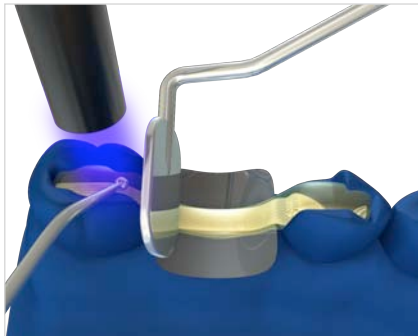
Step 11: Insert the Strip (Laboratory)

- Sink the Dentapreg™ strip into the layer of hybrid/flowable composite.



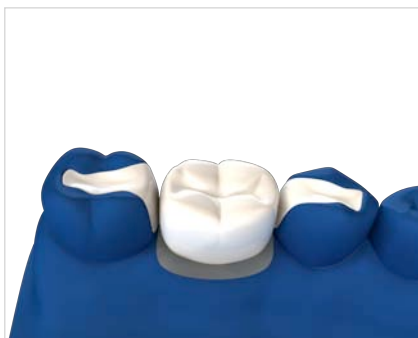
Step 12: Adapt the Strip (Laboratory)

- Adapt the contours.



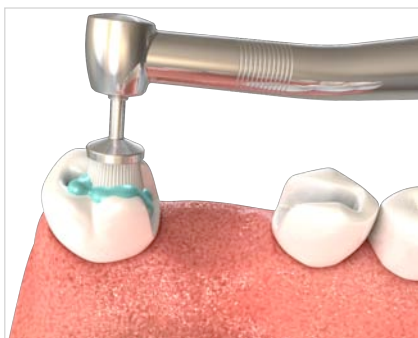
Step 13: Light Cure the Strip (Laboratory)

- Light cure the hybrid/flowable composite according to manufacturer's direction.



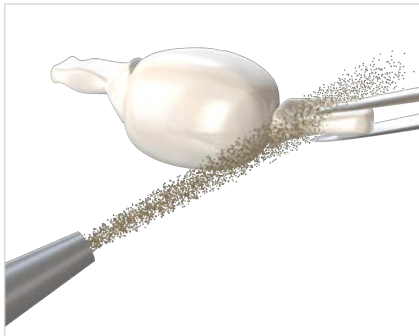
Step 14: Build - up the Pontic (Laboratory)

- Build-up the pontic using the common light curing C&B composite materials, follow the manufacturer's instructions.
- It is possible to use more Dentapreg™ strips during the build-up of the bridge, which ensures better resistance of final bridge construction.
- Polish the bridge.



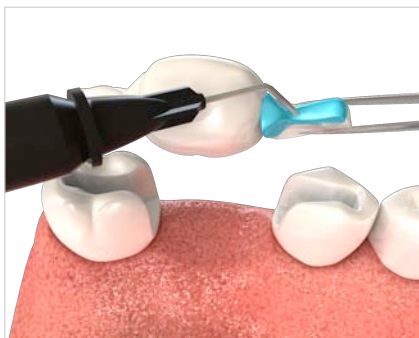
Step 15: Clean the Teeth (Office)

- Clean teeth with tooth-brush, wash the cleaned teeth and dry with air.
- Try the bridgework.



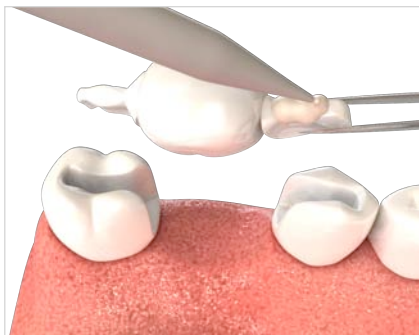
Step 16: Sand the Bridge (Office)

- Sand the connection points of the bridge.
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Step 17: Etch the Bridge (Office)

- Clean the sanded parts of the bridge, using etching gel before cementation.
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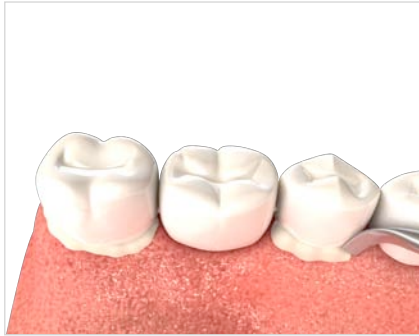
Step 18: Apply Adhesive Cement (Office)

- Apply adhesive cement on connection parts of the bridge.
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Step 19: Place the Bridge (Office)

- Place and press carefully bridge to the abutments.
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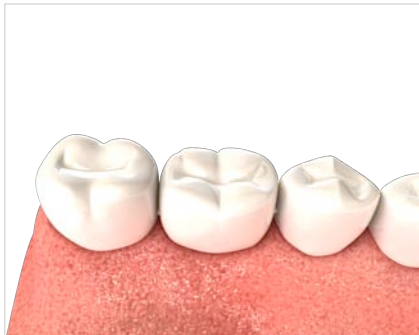
Step 20: Remove the Cement (Office)

- Remove the excess of adhesive cement.



Step 21: Polish Attachments (Office)

- Polish the attachments using polishing burns.



Step 22: Final Bridge (Office)

- Final inlay-inlay bridge reinforced with Dentapreg™ strip.
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