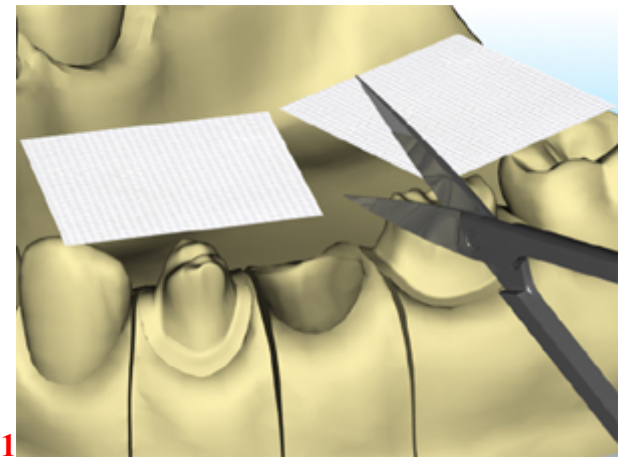
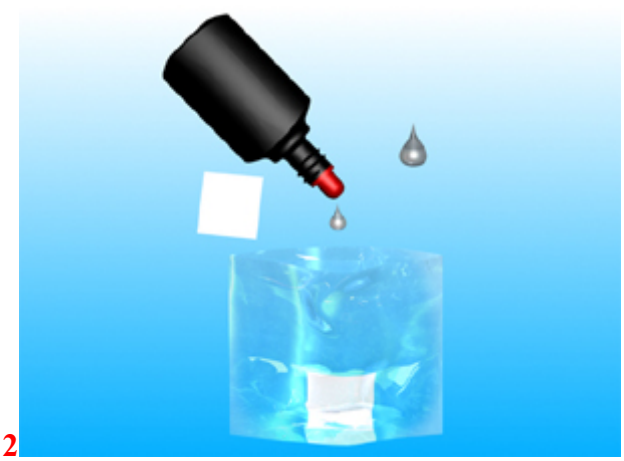
Perma Fiber & Mesh for Bridges & Crowns

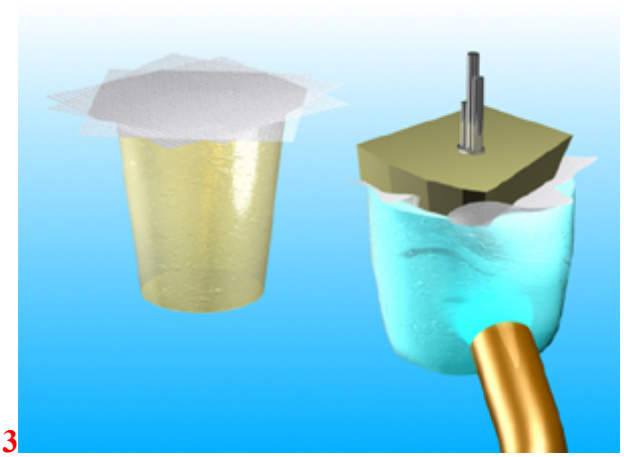
Instructions

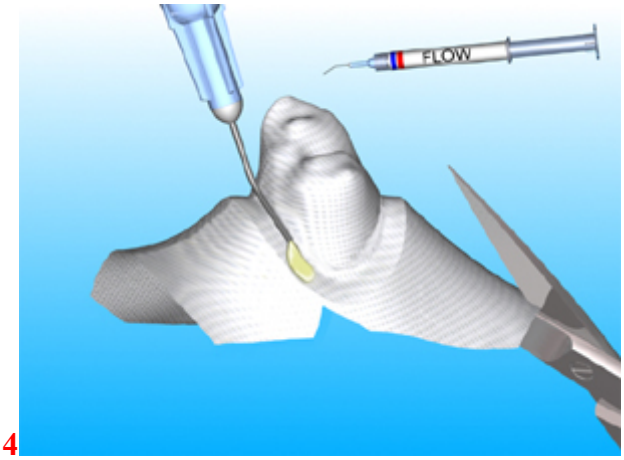
1 

2 

Cut sufficiently large pieces of Perma Mesh for crown frames. Use at least 2 layers per frame (**Fig 1**).

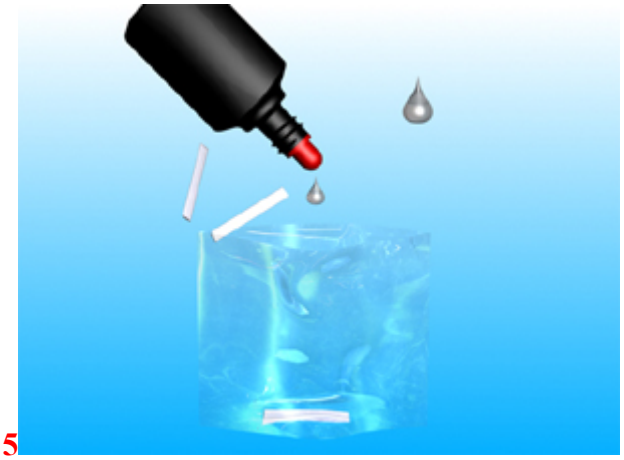
Use a plastic bag to wet the fibers. Apply at least 1 drop/cm2 of light curing resin to the Mesh (**Fig 2**). To wet the fibers in 3 minutes, roll a folded plastic bag back and forth between your fingers. You can also leave the plastic bag for 10 minutes to wet; remember to keep it protected from light.

3 

4 

Place the Perma Mesh pieces on top of each other and at a 45 degrees angle across each other (**Fig 3**). Push the pillar model and the Mesh pieces against the silicone forming aid and light cure the Mesh pieces for 10 seconds.

Remove the Perma Mesh carefully from the pillar and cut out the excess fiber material from marginal areas (**Fig 4**).



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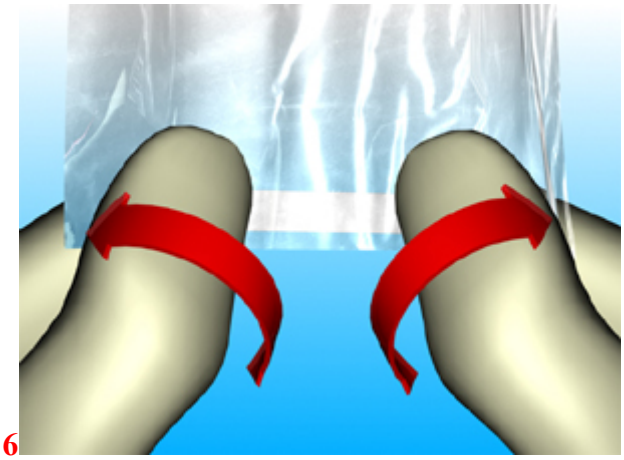

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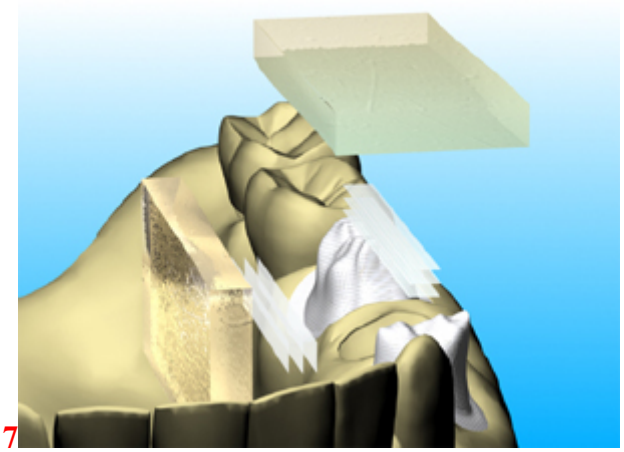
Cut suitable length pieces of Perma Fiber to make the frame of the bridge. Use at least one layer of fibers for one pontic, two layers for 2 pontics etc (**Fig 5**). Note: use at least two layers of Perma Fiber in molar region.

Use a light curing resin for wetting. Apply at least 1 drop of resin per 1 cm of fibers. Wet the fibers for at least 2 minutes, until they are translucent. Bend the fibers hard to improve wetting (**Fig 6**).



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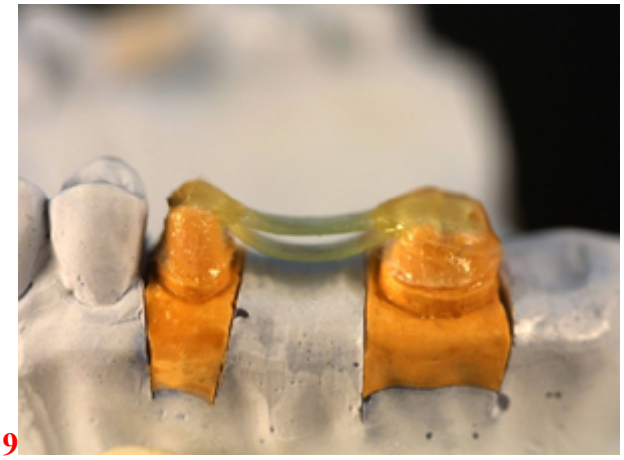
Press the wet fibers against their intended location, using the silicone forming aid, with a folded plastic bag as an option (**Fig 7**).

Light cure for four to ten seconds per crown/pontic. Veneer the crowns with composite and light cure. Refine the margins with rubber (**Fig 8**).



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Tip! Fill the empty spaces between the fiber layers with flow composite to give the structure more stiffness and strength.

PREAT Perma Fiber & Mesh is a product of

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