



CLINICAL PROCEDURES FOR FITTING AND SEALING DIAMART™

The following procedures are performed in the patient's mouth but, for demonstration purposes only, they are shown on models.

The purpose of sealing the bridge onto the bar is to prevent any microbial infiltration between the bar and the bridge.

- 1 -

The recommended product for sealing the bridge on the bar is Implantlink® semi. The recall recommendation for this temporary cement is 6-12 months. This is a dual curing cement and compatible with all material combinations. The Implantlink® semi also demonstrates superior anti-microbial properties. It should be noted that any temporary cement can be used, but that this may decrease the recall interval depending on which cement is used.



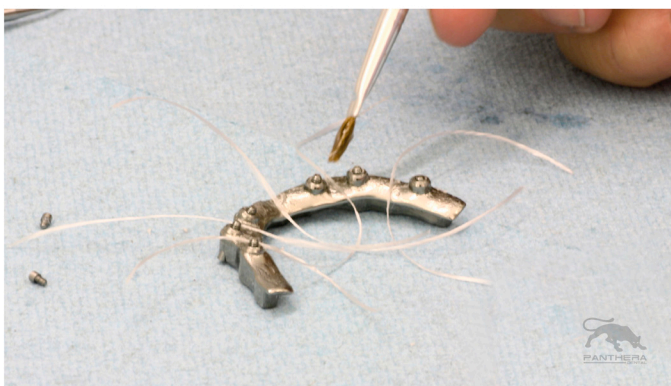
- 2 -

Prior to fitting the primary bar, the tissue surface of the bar is coated with a light layer of Vaseline.



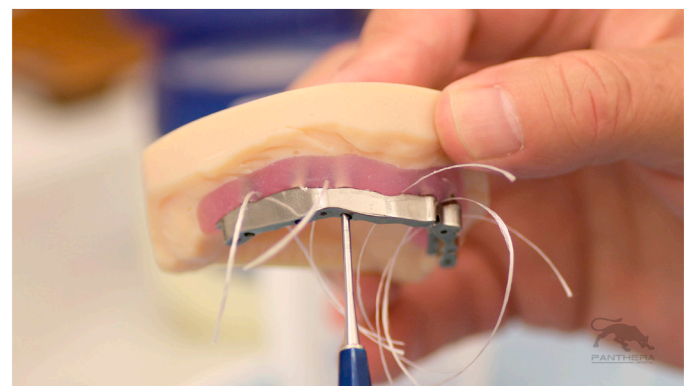
- 3 -

Place strands of dental floss between the cylinders on the bar. This will allow the doctor to clean any excess temporary cement around the implants once the bridge is screwed and sealed onto the bar.



- 4 -

The primary bar is fitted and torqued onto the patient's implants.

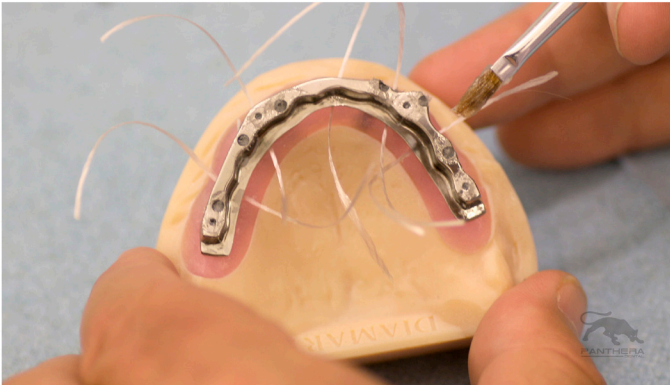




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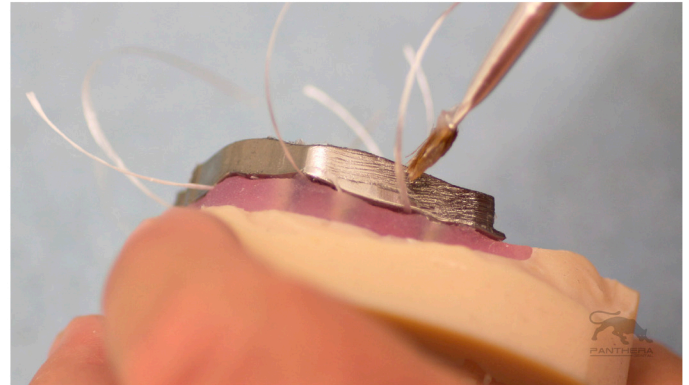
- 5 -

Once the bar is fitted and torqued, it is important to seal the primary bar screw access channels to prevent any temporary cement from entering the screw access holes. This can be done by either filling the channels with Teflon tape or by filling the holes with Vaseline. The secondary screw holes are also sealed with Vaseline to prevent any cement from getting between the threads and the screws.



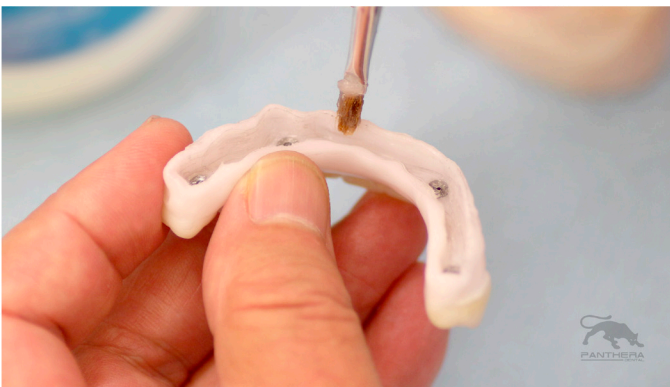
- 6 -

A light coat of Vaseline is painted onto the bar both on the labial and lingual surfaces.



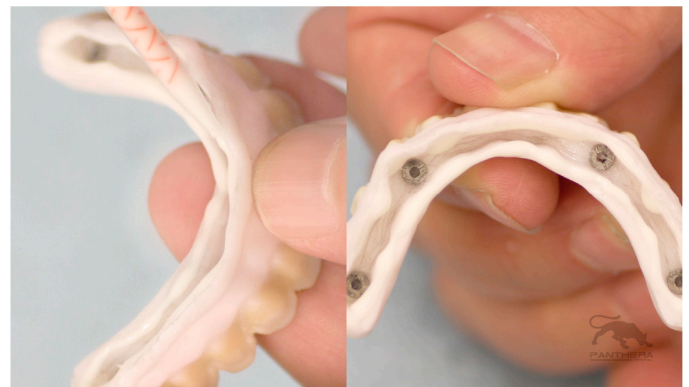
- 7 -

A light coat of Vaseline is painted onto the internal surface of the bridge.



- 8 -

The temporary cement is injected in a thin bead around the internal periphery of the bridge.





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- 9 -

The bridge is placed onto the bar. Excess cement will be pushed out along the periphery of the bridge.



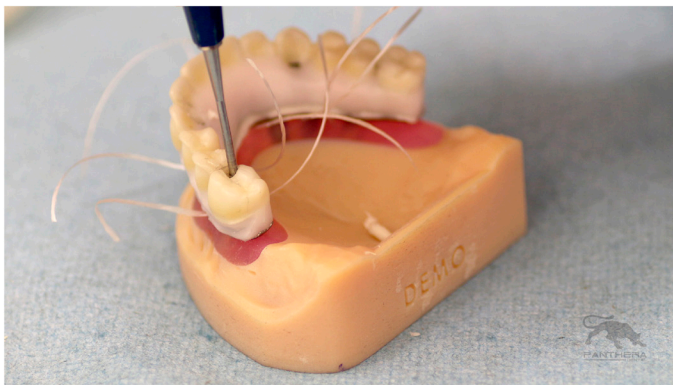
- 10 -

The screws are lightly coated with Vaseline.



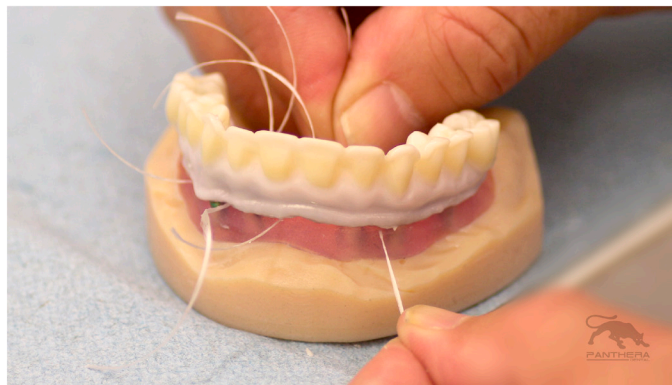
- 11 -

The bridge is screwed onto the bar using a Multi-Unit screw and torqued down to the recommended torque specifications.



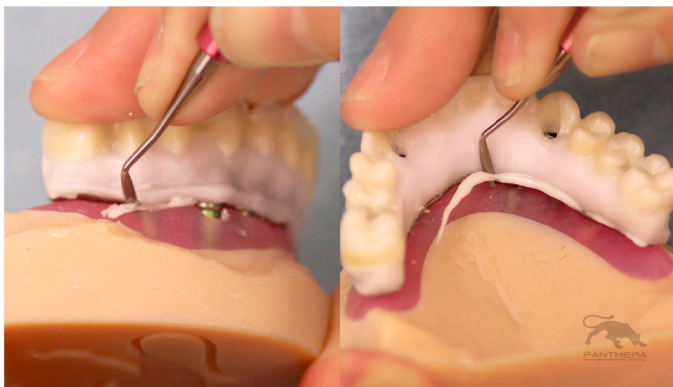
- 12 -

Once the bridge is in place, any excess cement is removed from around the implants using the previously positioned dental floss.



- 13 -

Remove the excess material during the gel phase, before final setting takes place.



- 14 -

Light curing can accelerate the setting time in the gel phase.

