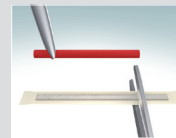


1) Clean and prepare the abutment teeth.



8) Remove the Dentapreg® PFU strip from the blister and cut it with scissors to the required length. Do not touch the unprotected strip with bare hands. The use of powder-free latex or nitrile gloves is recommended. Store the remaining strip in the supplied light protection box and keep it in a dark place, preferably in a refrigerator. In this manner, you can store the strip for up to 4 weeks without its properties deteriorating significantly.



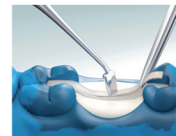
14) Finish the bridge, adjust it in the occlusion and polish it.



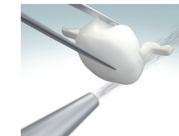
2) Take an impression of the arch.



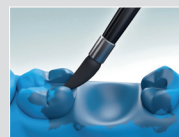
9) Remove the protective paper and plastic foil from the strip. Insert it into the uncured composite and form it to the required position. You can use the Dentapreg® Fork instrument for easier adaptation.



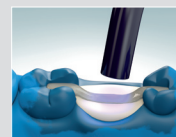
15) Sand blast the bonding areas of the bridgework, Al₂O₃ 30µm is recommended. Apply silane and bond on the bonding areas.



3) Prepare the gypsum model of the arch from the impression and isolate it. You can also take an alginate impression, fill the impression with silicone and prepare the bridge on this silicone model.



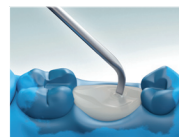
10) Light cure the strip for 40 seconds per tooth. You can use the Dentapreg® Shield instrument for protecting the rest of the strip during the light curing.



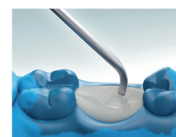
16) Put a layer of composite cement on the bonding areas.



4) Build the bottom part of the pontic from C&B composite. You can use a matrix or plastic foil to preserve the space for cleaning between the pontic and gingiva.



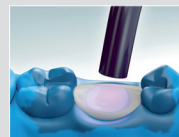
11) Build the pontic from C&B composite according to the composite manufacturer's instructions. It is necessary to cover the whole surface of the fibers with composite! Build the dentine parts of the tooth with dentine shades of composite and form the enamel parts with enamel shades. Remember to keep the cleaning spaces free.



17) Cement the bridgework according to the cement manufacturer's instructions.



5) Light cure the C&B composite according to the manufacturer's instructions.



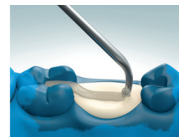
12) Alternatively, you can place a sheet of Dentapreg® UFM* under the enamel layer of the pontic for additional reinforcement.
* It is necessary to place Dentapreg® UFM into the uncured layer of composite, adapt it on the pontic core and then light cure it for 40 sec. Cover the whole surface of the fibers with composite!



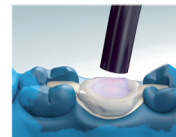
18) Remove the excess cement.



6) Apply a thin layer of C&B composite along the bridgework area. DO NOT LIGHT CURE YET!



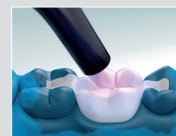
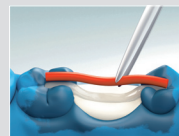
13) Light cure the whole bridge according to the composite manufacturer's instructions. You can also use a light-curing oven for the final curing.



19) Finish the bridge and adjust the occlusion.



7) Measure the length of the Dentapreg® strip.



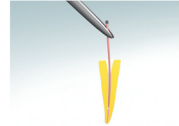
Remark to direct procedure

The above mentioned steps describe the procedure on the model. You can also work chairside, but to achieve good results for posterior bridges we recommend preparing the bridge on the model.

1) Remove the root canal filling material except for the last 3-5 mm of gutta-percha at the apex of the root.

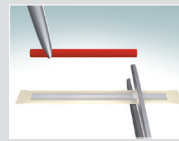


2) Rinse and dry the root canal. Isolate the working area from moisture. The use of rubber dam is highly recommended.

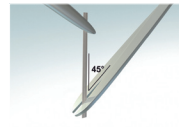


3) Measure the depth of the root canal using a gutta-percha pin or a periodontal probe. Keep in mind the height of the coronal part.

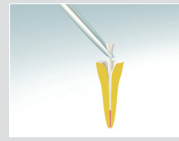
4) Remove the Dentapreg® PFU strip from the blister and cut it with scissors to the required length. Do not touch the unprotected strip with bare hands. The use of powder-free latex or nitrile gloves is recommended. Store the remaining strip in the supplied light protection box and keep it in a dark place, preferably in a refrigerator. In this manner, you can store the strip for up to 4 weeks without its properties deteriorating significantly.



5) Taper the end of the strip with sharp scissors for easier insertion into the root canal.



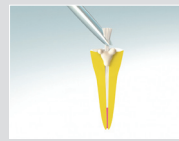
6) Check the length of the post by inserting the Dentapreg® strip into the root canal. If necessary, shorten the coronal part of the post with scissors.



7) Use a low viscosity dual-curing cement for cementing the post. Prepare the root canal according to the cement manufacturer's instruction before cementation of the post. Fill the root canal with cement using an intraoral tip. Start the filling from the apex part and continue slowly upwards until you fill the whole canal. Do not use a Lentulo Spiral Filler - it accelerates the polymerisation and shortens the working time. Apply a thin layer of the cement on the Dentapreg® strip surface as well.



8) Insert the Dentapreg® strip slowly into the root canal and remove the excess cement.



9) Light cure the post and the cement for at least 40 seconds.



10) Build the coronal part of the tooth from composite material using a preferred method. You can use the Dentapreg® UFM strip for reinforcing the composite crown. It is necessary to place Dentapreg® UFM into the uncured layer of composite, adapt it on the crown core and then light cure it for 40 sec. Use the enamel shade of the composite for the final layer. Light cure it according to the composite manufacturer's instructions. Adjust the occlusion and polish.

Removal of a Dentapreg® Anatomical Post

Use the common procedure for removal of traditional glass fiber posts.

Composition

Dentapreg® SFU, SFM, PFU, PFM and UFM Dimethacrylate monomer 40 - 50 wt.% depends on the type of the product. Glass fibers 50 - 60 wt. % depends on the type of the product. Additional contents: catalysts and stabilizers.

Caution

Federal law restricts this device to sale by or on the order of a dentist or laboratory technician.

Warnings

Use protective glasses during light curing operation and protect the patient's eyes as well. Do not use Dentapreg® if protective package is damaged. Do not use Dentapreg® after the indicated date of expiration.

Contraindications

Use of Dentapreg® reinforcements is contraindicated if the patient is known to be allergic to any of the ingredients in Dentapreg® products.

Recommendations

- We strongly recommend using powder-free latex or nitrile gloves when manipulating with the Dentapreg® strip.
- The Dentapreg® strip must be entirely covered with composite.
- The optimal thickness of the veneering composite to be layered on top of the fibre frame at the occlusal contact is 2 mm.
- Attach the Dentapreg® strip as incisally as possible. This allows maximum support for the bridge in the anterior region.
- Bend the Dentapreg® strip as close as possible to the gingiva to maximize the reinforcing effect for the bridges in the posterior region.
- We recommend using metal instruments as a pincer and a spatula.
- We recommend using C&B composite for Dentapreg® applications. For provisional or temporary applications you can use flowable composite.

Manufacturer & Importer

Manufactured by:

ADM, a.s., U Vodárny 2, Brno 616 00, Czech Republic, www.dentapreg.com

Imported by:

DENTAPREG AMERICA INCORPORATED, 330 S Pineapple Ave, S-110, Sarasota FL 34236, United States of America

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