

3M post and core procedure in anterior region

Dr. Gunnar Reich, Munich, Germany

Pretreatment and post selection

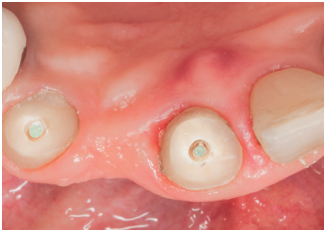


Fig. 1: Situation after endodontic treatment of left upper incisor and canine. Endodontic treatment is indicated after tooth trauma and bridge loss. The coronal tooth loss requires an endodontic post treatment.

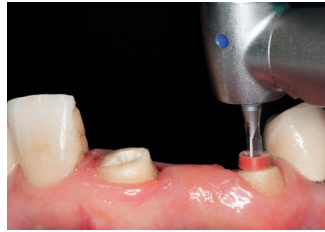


Fig. 2: For endodontic restorative treatment, the guttapercha filling is removed with the Universal Drill. Then, the cavity is widened and shaped with the drills up to the size required.

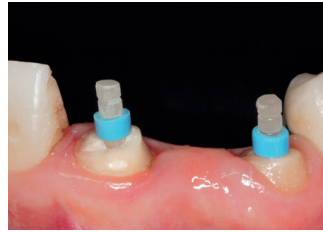


Fig. 3: RelyX™ Fiber Post 3D Glass Fiber Posts are shortened to the necessary length at the coronal end with a diamond disc.

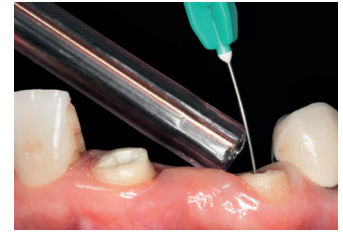


Fig. 4: Prior to cementation of the posts, root canals are cleaned by rinsing and dried.

Post cementation



Fig. 5: RelyX™ Unicem 2 Automix Cement is used to cement the posts. The endo tip helps to easily fill the root canals from bottom to top.

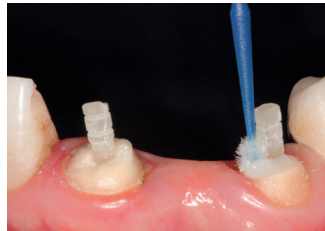


Fig. 6: After insertion of the post into the root canal, the excess cement is removed using a micro brush. Then the cement is allowed to set.

Application of adhesive

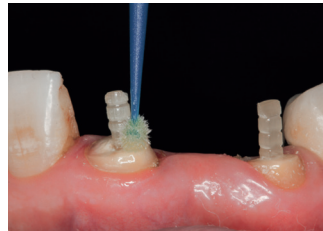


Fig. 7: Scotchbond™ Universal Adhesive is applied to post and dentin once the cement has set.



Fig. 8: Scotchbond™ Universal Adhesive is light-cured for 10 sec. The situation is now ready to build up the core.

Core build-up



Fig. 9: Filtek™ Bulk Fill Posterior Restorative is used as core build-up material. With the capsule, the composite can be applied directly. Then, the composite is adapted and shaped with a Heidemann spatula. A matrix is not necessary.



Fig. 10: Finally, the core build-ups are prepared and finished, ready for the impressing procedure and temporary restoration.



3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
USA
1-800-634-2249

3M Canada
Post Office Box 5757
London, Ontario N6A 4T1
Canada
1-888-363-3685

www.3M.com/dental

3M, "3M Science. Applied to Life.", ESPE, Filtek, RelyX, Scotchbond and Vitrebond are trademarks of 3M Company or 3M Deutschland GmbH. Used under licence in Canada. All other trademarks are owned by other companies. Please recycle. Printed in U.S.A. © 3M 2015. All rights reserved.
70-2013-0745-4