White Post

Fiberglass post

CE 0499

Instruction Manual
English

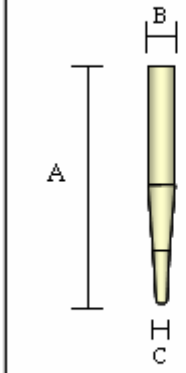
For professional use only

Read all this information carefully before using the product. Keep it for later reference until total consumption of the product and/or until there is no more interaction between the product and your last patient.

Product Description

White Post is made of fiberglass composite and epoxy resin of high mechanical resistance which acts as root canal reinforcement on the tooth structure and promotes retention for the definitive restorative or core buildup material in case of indirect restorations.

White Post DC Special fiberglass posts aim to assist in cases where the root canal is worn out in excess and consequently there is more mechanical effort in the cervical third of anterior teeth.



		A	B	C
WhitepostDC	0,5	20mm	1,4mm	0,65mm
WhitepostDC	0,5E	18mm	1,8mm	0,65mm
WhitepostDC	1	20mm	1,6mm	0,85mm
WhitepostDC	1E	18mm	2,0mm	0,85mm
WhitepostDC	2	20mm	1,8mm	1,05mm
WhitepostDC	2E	18mm	2,2mm	1,05mm
WhitepostDC	3	20mm	2,0mm	1,25mm
WhitepostDC	4	20mm	2,2mm	1,45mm

White Post is presented in the following format:

Double Conicity (White Post **DC**): of excellent adaptation, preserving root canal dentin for the lodging of the post with more resistance in the cervical area.

Presentation Form

Full Kit (White Post DC)
05 post sizes (DC0. 5, DC1, DC2, DC3, and DC4), 05 posts in each size (total of 25 posts) and their respective drills.

Special Kit (White Post DC and DCE)
Kit containing the following posts: DC0. 5, DC0.5E, DC1, DC1E, and DC2E; 5 posts in each size and their respective drills.

Basic Kit (White Post DC or DCE)
Packing containing 05 White Posts of a specific size and its respective drill.

Refill (White Post DC or DCE)
Packing containing 05 posts of a specific size.

Basic Composition
Fiberglass, Epoxy resin, radiopaque compound, inorganic load, polymerization promoters.

Indication
The indication of a root canal fiberglass post is directly related to the need of restoring and endodontically treated tooth in order to help retain the restorative material and distribute the stress applied on the tooth. If the tooth has large coronal destruction by caries, trauma or extensive restoration, it is advisable to place an root canal post in order to reinforce the coronal portion, thus minimizing the probability of fracture. It can be used with the dual-cure adhesive systems due to their great capacity of transmitting light.

Precautions and Contra- indications
- The posts may present exposed fiberglass shards which can perforate skin. Cutting the posts in order to adjust length can also expose perforating shards. Always use protective goggles when cutting the posts and avoid cutting them near the patient's face in order to prevent possible accidents or discomfort due to residues. Avoid inhaling the powder from the cutting procedure.
- Always use protective gloves when handling the product. The posts should be free of dust, oily substances, organic materials or any other contaminating agents at the moment of cementation in order to prevent bonding failure.

Instructions of Use

Fig 1 Perform a radiographic examination (periapical radiography) verifying the endodontic quality of the work; Select the post according to the diameter of the canal, placing it under the radiography of the tooth.

Fig 2 Isolate the operative field with a rubber dam.

Fig 3 Remove the gutta-percha from the canal using a drill or suitable instrument keeping 3 to 5 mm of gutta-percha in the apical area and ensuring the sealing of the endodontic filling.

Fig 4 Prepare the root canal with suitable drills adapting it to the format of the post. Avoid unnecessary wear. For White Post DC posts, use White Post DC 0,5, DC1, DC2, DC3, DC4 drills according to the diameter of the post to be used.

Fig 5 Place the selected post in position and take an x-ray in order to evaluate its adaptation and positioning. The post should be perfectly adapted to the preparation without any gaps between the end of the post and the gutta-percha.

Fig 6 Cut out the exceeding coronal part of the post if necessary, and place it in position again to verify adjustment.

Note 1: If the canal is too wide, the top of the post may be cut out in order to obtain a greater diameter in deeper areas of the canal.

Note 2: Clean White Post with alcohol at 70% or Chlorhexidine at 2%. The post should be sterilized in autoclave (121ºC and 15 psi) before its cementation. The post must be dry at the moment of cementation.

Note 3: Use an appropriate packaging during the sterilization procedure and follow the specified conditions. Conditions differing from the specified ones may damage the product.

Fig 7 Apply phosphoric acid gel (Cond Ac 37) for 15 seconds in the root canal and remaining dental structure. Wash rigorously and remove excess water with absorbing paper cones.

Fig 8 Use the Long Cavibrush (FGM) to apply the dual-cure adhesive system all along the conditioned root canal.

Fig 9 Apply Prosil (FGM) silane throughout the surface of the post and wait until its dry.

Fig 10 Use a lentulo drill to transfer the resin cement to the canal.

Fig 11 Insert the post in the canal and proceed with the curing of the cement from the surface and through the post. The post should be inserted all the way to the bottom of the cavity, prepared, and immobilized with accessory posts in case of wider canals.

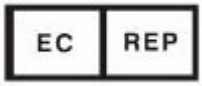
Conservation and Storage
Keep the product in its original packaging duly sealed.

Warning:
Do not use the product after its expiry date. When discarding the product, follow the legislation of your country. Keep out of children's reach.

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Step by Step

