



biolight PLUS™

CLUSTERED GLASS FIBER-REINFORCED COMPOSITE ROOT POST for core build-up restorations on endodontically treated teeth

Biolight Plus™ is a bundle of ultra-fine individual posts held together by a sleeve which allows an easy and efficient insertion into a root canal filled with a luting composite in a single working step.

After insertion in the root canal, the sleeve is removed and the individual posts become free with regard to other ones and can be fanned out throughout the canal using a suitable instrument.

This spreading out of the posts leads to both homogeneous reinforcement of the luting composite throughout the length of the canal and an increase of the contact surface with the build-up composite in the coronal region, which results in a considerably stronger bond to the core build-up than is achieved by conventional root posts.

Biolight Plus™ allows a customised and substance-preserving restoration, as the fine individual posts can be distributed throughout the entire canal following removal of the sleeve and then adapt optimally to the respective root canal morphology.

Root canal enlargement and weakening the root structure with a drill for a correspondingly sized post are thus unnecessary, meaning that no additional tooth substance is lost.

Biolight Plus™ are manufactured using an advanced pultrusion technology: the high performance fibers are impregnated with an UDMA resin free of any additive release agent, enhancing the core stability.



BIO COMPOSANTS MÉDICAUX
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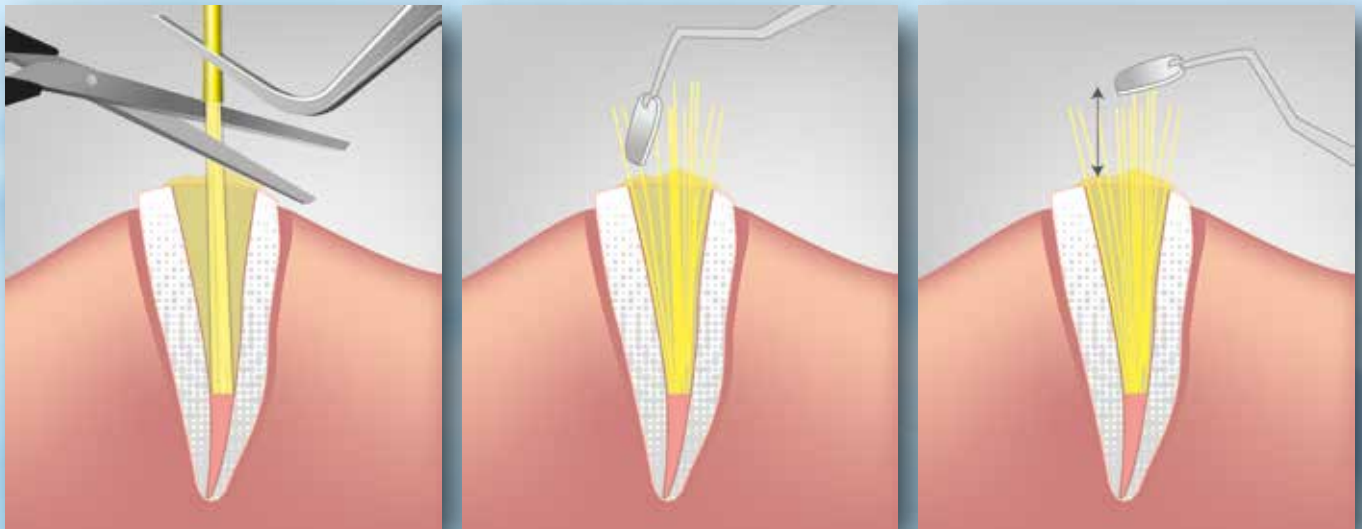


FOUR COLOUR-CODED SIZES

- Red - 4 micro-posts (Ø 0,8 mm)
- Blue - 6 micro-posts (Ø 1,0 mm)
- Black - 9 micro-posts (Ø 1,2 mm)
- Yellow - 12 micro-posts (Ø 1,4 mm)

AVANTAGES

- Clustered endodontic post of several fine individual posts
- Spontaneous adaption to every root canal morphology
- Perfectly suitable for mechanically prepared root canals
- Time-saving application with no extra drill necessary
- Avoidance of an extensive root canal preparation and therefore no impairment of the root
- No use of manufacturing release agent for maximal cross linking with luting composites



PROCESS

- Partial removal of endodontic filling material
- Silanization of the cluster of posts
- Coat of the cluster with luting composite and then insert into the canal filled with dual luting composite
- Prior to polymerisation of the luting composite, remove the sleeve: the individual posts become free from each other and can be fanned out throughout the canal using a suitable instrument
- Add more composite to achieve the core

Medical device for dental treatment, reserved for healthcare professionals. Please read the instructions on the leaflet or on the label carefully before use.

Class: IIA (CE marking certified by SGS) CE1639



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