BIO COMPOSANTS MÉDICAUX

Fast Splint MATRIX™

A FIBER FORCE™ PRODUCT

CHAIRSIDE FABRICATION OF TEMPORARY ADHESIVE BRIDGES AND PERIODONTAL SPLINTS

Simple, quick and non-invasive method to secure mobile teeth using a unique photo-polymerization system through transparent silicone.

With the FastSplint Matrix™ application method, installing a retainer splint or an adhesive bridge is a simple, quick and reliable solution for various clinical situations in periodontology, traumatology or for post-orthodontic treatment.

- The device includes a wax model to prepare the dimensions of the future splint.
- The 0.9 mm diameter fiberglass braided rope, pre-impregnated with photo-polymerizable UDMA resin, turns into a 1.7 mm comfortable, elastic tape.
- One-directional threads woven into the braided rope guarantee constant mechanical properties after polymerization. Traction resistance is 50 kg.
- The ends of the braided rope do not fray when cut.

PROPERTIES

Format:
5 Perio & Ortho x Ø0.9 mm x 55 mm.

Fiber diameter: 0.9 mm

Fiber tape dimensions:
1,7 mm wide, 0.3 mm thick

Structure:
Braided fiberglass and interwoven one-directional threads.

Resin:
UDMA, epoxy-free and Bis-GMA-free.

Mechanical tests:
Traction resistance 50 kg.
Shape memory: no.

Fiber cutting:
The fibers are cut in the direction of blue blister pack opening using scissors.

Particularities:
Immediate use.
Product lifetime of 3 years.

EPOXY BIS GMA FREE

VIDEO ON YouTube **Bio Composants Médicaux**

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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TUTORIAL - Implementation procedure

Teeth can be stabilized before installing the splint either with adrop of composite or by using a silicone key molded on the vestibular surfaces.

To creat a splint on teeth 13-23, first scale and polish the teeth meticulously and then clean the gaps between an abrasive strip.

1- If needed, stabilize the teeth by adding a composite[1] cone in the interdental spaces or by creating a silicone key on the vestibular surfaces.

2- Remove the protective strip from the SplintWax Clinique adhesive wax.

3- Dry the dental surfaces and position the SplintWax Clinique wax strip in the site of the future splint. Remove excess wax using a scalpel.

4- Record the position of the wax using transparent silicone.

5- Place de tip of the Matrix Tip on the silicones key. Cover with more silicone and leave to harden. Remove the excess silicone from the upper part.

6- Take out the silicone key and set aside. Chek that the wax imprint is clear on the intrados.

7- Remove the wax strip from the silicone key and place on the packaging of the Perio&Ortho T1 braide rope. Cut the rope to the lenght of the wax, in the direction of opening.

8- Etch the surface receiving the splint. Etch the vestibular surface and gaps between the teeth. Rinse and dry.

9- Apply the bonding agent on the palatine surface of the teeth.

10- Apply a film of composite adhesive in the negative imprint left by the wax strip.

11- Lay out the FastSplint braided rope in the serration.

12- Apply the adhesive to surfaces of the teeth.

13- Press the silicone into place using the Matrix tip.

14- Polymerize in a single operation using hand lamp for 40 seconds, then remove the silicone matrix.

15- The splint remains compacted and stuck to the dental surfaces.

16- Apply a very thin layer of composite adhesive and photopolimerize. Polish using a yellow ring composite mill.

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