Dental products

Visualized by dentists
Designed by Elsodent

December 2016
In 2013, we made the decision to design and manufacture dental products with less toxic monomers, out of consideration firstly for patients’ health but also the environment. To achieve this goal, we modified our formulations over time, to eliminate TEGDMA, Bis GMA (and its derivatives), as well as HEMA.

Apart from their inherent toxicity, these monomers have a chemical structure which makes them easily hydrolysable by salivary enzymes, which leads to the release of highly toxic molecules ("secondary cytotoxicity"). This hydrolysis is due to the fact that resins and dental composites can never be completely polymerized and their conversion rate (polymerization rate) varies between 35% to 65%.

Some of the monomers which form the organic network of the material thus remain free and can get into the mouth. There, they are subject to this enzyme attack which leads to the release in the mouth of different molecules, depending on the original monomer.

The TEGDMA produces formaldehyde, Bis GMA produces Bisphenol A, and HEMA produces formaldehyde and ethylen glycol. TEGDMA and BisGMA are present in significant concentrations (between 8% and 10% for the former, between 20% and 30% for the latter) in dental products.

They enter into the composition of the majority of dental composites and resins. With HEMA, they are part of the formula of dental adhesives, resin cements and liners.

Our R&D Department has discovered replacement monomers which are high-performing, both physically and mechanically, but less toxic (not hydrolysable, therefore stable over time).

Since September 1st, 2015, the majority of our products, does not contain TEGDMA, Bis GMA and/or HEMA.

Sources:
- Cytotoxicity of the dental composite component TEGDMA and selected metabolic by-products in human pulmonary cells - J Emler et ol.
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The synergy of expertise

"15% of our turnover is dedicated on research"
Composites, etching and accessories

PF Seal
Pits and fissures sealant

PureFill Flow
Flowable nano-micro-hybrid biocompatible composite

PureFill
Nano-hybrid, antero-posterior biocompatible composite

Cirus +
Highly filled antero-posterior light curing nano-hybrid composite

Cirus Flow
Flowable nano-micro-hybrid composite

Opaq
Light-curing opaquer

Healbond
Light-curing bonding agent

Healbond Duo SE
Self-etching, dual cure bonding system

Healbond Duo
Dual curing two-components bonding agent

G-Etch
High quality etching gel with an excellent contrast

Elsobrush
Disposable dental applicators for accurate applications
PF Seal
Pits and fissures sealant
HEMA, TEGDMA, BISGMA and BPA-free

Features
• Very fluid: PF SEAL can reach the bottom of the thinnest fissures.
• Hydrophobic: long-lasting in mouth.
• Opaque white shade: better contrast for a perfect application and a good survey.
• Very resistant: less abrasion.
• Easy and fast application: etching, application and polymerization.

Indication
Pits and fissures sealant.

References & Presentations

| PF-3,6 | 2 x 1.8 g syringes + 10 application tips. Opaque white shade. |
| ETL   | 100 blue needle tips. Gauge 25. |
PureFill Flow
Flowable nano-hybrid biocompatible composite
TEGDMA, BISGMA, BPA and HEMA-free

AVAILABLE JANUARY 2017

Avantages
• Biocompatibility +++.
• Highly filled.
• Thixotropic: allows the material not to flow and to remain in place. No need for a matrix.
• Time saving: Can be used without a matrix.
• Ideal in conjunction with PureFill, for the “bond & flow” technique.

Indications
• Used as a cavity liner for the "bond & flow" technique.
• Small restorations of classes III and classes V.

References & presentations

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PURF-2*</td>
<td>1 x 2 g syringe. Available in the following VITA shades: A2, A3, A3.5, B2.</td>
</tr>
<tr>
<td>PURF-4*</td>
<td>2 x 2 g syringes. Available in the following VITA shades: A2, A3, A3.5, B2.</td>
</tr>
<tr>
<td>IR-100</td>
<td>100 pink needle tips. Gauge 18.</td>
</tr>
</tbody>
</table>

* Shade
PureFill
Nano-hybrid, antero-posterior biocompatible composite
TEGDMA, BISGMA, BPA and HEMA-free

Features
• Biocompatibility +++,
• Very low shrinkage <2,
• High conversion rate: <70%,
• Excellent polishability,
• Highly filled,
• Aesthetic,
• Does not stick to instrument,
• Stable over time: does not polymerized under the chair light.

Indications
• Anterior restorations (class III and class IV), posterior restorations (class I, II and MOD), and class V.
• Aesthetic correction (diastema, hypoplasia, discoloration).

References & presentations

<table>
<thead>
<tr>
<th>Shade</th>
<th>Description</th>
</tr>
</thead>
</table>
| **PUR-3*** | 1 x 3 g syringe  
| **PUR-5*** | Box of 0.25 g x 20 compules, available in the following VITA shades: A2 - A3 - A3,5 - B2. |

* Shade
This is the first Elsodent composite with an innovating formula which contains no TEGDMA, BISGMA, or HEMA. Its higher biocompatibility, due to the non-hydrolysable monomers contained in the matrix of the product, leads to a lower toxicity over time. It makes PureFill an essential product in our declared approach to public health. The results of comparison tests show the astonishing qualities of PureFill.

**Important notice**

There is a clear correlation between the conversion rate (polymerization rate) of composites and their toxicity and their shrinkage during polymerization: The higher the conversion rate, the higher the shrinkage and the lower the cytotoxicity, will be. Furthermore, we note that with a conversion rate above 70%, (the highest of all the products tested), the shrinkage of PureFill is still one of the lowest of all the composites sold on the market.

**Physico-chemical comparative tests**

1/ **Shrinkage (%)**

- PureFill: 1.81%

2/ **Flexural strength (MPa, σ)**

- PureFill flexural strength: 90 MPa

3/ **Conversion rate (%)**

- Conversion rate at 20 seconds: 80%
- Conversion rate at 30 minutes: 70%
- Conversion rate at 24 hours: 60%
- Conversion rate at 48 hours: 50%

* Tests conducted by G-Pharma according to the norms: Shrinkage rate: ISO 17304:2013; Flexural strength: Tests carried out with a Zwick equipment annually calibrated and certified following the ISO4049:2009 norm; Conversion rate: The Degree of conversion was evaluated using FTIR spectrometer with an attenuated total reflectance (ATR) accessory. The polymerization has been conducted by an Elsodent lamp: 9 mm of diameter and 600mW/cm² power at room temperature (20°C).
Cirus +
Nano-hybrid, antero-posterior

Features
- Mimetic shades.
- Does not stick to instruments.
- Available in 11 VITA shades (syringes), and 4 VITA shades (compules).
- Highly filled.
- Radiopaque.
- Excellent polishability.

Indications
- Anterior restorations (class III and class IV), posterior restorations (class I, II and MOD), and class V.
- Aesthetic correction (diastema), hypoplasia, discoloration.

References & Presentations

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIRN-4.5*</td>
<td>1 x 4.5 g syringe, available in the following VITA shades: A1/B1 - A2 - A3 - A3.5 - B2 - B3 - C2 - C4 - D3 - Incisal.</td>
</tr>
<tr>
<td>CIRN-5*</td>
<td>Box of 0.25 g x 20 compules, available in the following VITA shades: A2 - A3 - A3.5 - B2.</td>
</tr>
<tr>
<td>CIRN-K</td>
<td>Intro kit: 5 x 4.5 g (A1/B1 - A2 - A3 - A3.5 - B2) + 1.8 g opaquer + 2 x 1.5 g etching gel + 1.8 g flow composite + 5 ml bonding + 50 disposable applicators + 8 needle tips.</td>
</tr>
</tbody>
</table>

* Shade
Cirus Flow
Flowable micro-hybrid composite

Features
• Highly filled.
• Excellent flexure strength > 110 MPa
• Perfect thixotropy: flows under pressure but remains in place in normal conditions. No matrix needed.
• Ideal in conjunction with Cirus+, for the “bond & flow” technique.

Indications
• Restrained teeth (Mobile teeth, after orthodontics treatments)
• Used as a cavity liner for the “bond & flow” technique.
• Restoration of small classes III and classes V.

Clinical procedure

References & Presentations

- CIR-F-1.8* 1 x 1.8 g (A2, A3, A3.5, B2) + 5 tips.
- CIR-F-7.2 4 x 1.8 g (A2, A3, A3.5, B2) + 10 tips
- IR-100 100 pink needle tips. G20.

* Shade
Opaq
Light-curing opaquer
HEMA, TEGDMA, BISGMA and BPA-free

Features
• High hiding power.
• Versatile in use.

Indications
• To hide exposed metal surfaces after loss of a part of ceramic and bridges.
• To cover reactive dentin in class III, to avoid layers of composite.

References & Presentations

<table>
<thead>
<tr>
<th>OPA-2</th>
<th>1 x 2 g syringe + 5 applicator tips Available in A3 shade.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTL</td>
<td>100 black needle tips. Gauge 20.</td>
</tr>
</tbody>
</table>
Healbond
Light-curing bonding agent

Description
HEALBOND is an advanced strong adhesive system. The surface to be treated has to be etched beforehand.

Features
- HEALBOND has good wetting properties, to be used on slightly moist dentin surfaces (wet-bonding-technique).
- Due to its hydrophilic properties, HEALBOND deeply penetrates into the tubulis, to provide a strong retention and an almost complete elimination of residual bacteria.
- Contains Benzalconium chloride to eliminate residual bacteria (no post-operative sensitivities).
- Releases fluoride.
- Tensil strength after 10 min: 17 Mpa.

Indications
- To bond light-curing composites in dental cavities.
- To desensitize cervical regions and free dentin areas.

Reference & Presentation
B-5 5 ml bottle.
Healbond Duo
Dual curing two-components bonding agent

Description
• HEALBOND DUO is an advanced strong «dual» adhesive system, water/ethanol-based.
• The surface to be treated has to be etched beforehand.

Features
• HEALBOND DUO has good wetting properties, to be used on slightly moist dentin surfaces (wet-bonding-technique).
• Due to its hydrophilic properties, HEALBOND DUO deeply penetrates into the tubulis, which leads to strong adhesion properties.
• Contains Benzalconium chloride to eliminate residual bacteria (no post-operative sensitivities)
• Release fluoride.
• Tensile strength after 10mn: 16 Mpa.

Indications
• To bond light curing-composites (CIRUS+, CIRUS FLOW, PUREFILL, PUREFILL FLOW), use the part A bottle.
• To bond dual-curing and self-curing composites (CORE D SC, CORE D, CORE D FLOW, AUTOCORE), use a mix of the two bottles.

Reference & Presentation

BD-10 2 x 5 ml bottles (Part A - adhesive + Part B - activator).
Healbond Duo SE
Self-etching, dual-curing bonding system

Features
• Easy to use: 2 bottles only and equal mix of each.
• Versatile in use.
• Excellent bonding properties.

Indications
HEALBOND DUO SE is a simple to use self-etching, dual curing bonding system. It is designed for a strong bonding of composites and resin-modified glass ionomer cements to dentine and enamel.
HEALBOND DUO SE bonds to light-curing composites (CIRUS+, CIRUS FLOW, PUREFILL, PUREFILL FLOW), as well as to dual and self-curing composites (CORE D, CORE D SC, CORE D FLOW).

Bonding strength
• To dentine (light cure, 20 seconds): 23 MPa.
• To enamel (light cure, 20 seconds): 24 MPa.
• To dentine (self cure mode, no light): 16 MPa.
• To enamel (self cure mode, no light): 18 MPa.

Reference & Presentation
BDSE-10 2 x 5 ml bottles (Part A - activator + Part B - activator), accessories.
G-Etch

High quality etching gel with an excellent contrast
Available in different packaging

Features
• Excellent balance between thixotropy and water solubility: remains in place but wash off quickly and easily.
• Ideal formulation for use by orthodontists, to etch a full arcade at the same time.
• Non-drying, medium viscosity gel.

Description
Jumbo Kit
• Economic concept to stock and dispose of etching gel.
• Available in blue or green colour.
• Packagings available: complete kit and refill kit.

Mini-Kit
• 1.5g syringes for easy handling.
• Available in blue only.

References & presentations

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>JKB-50 (Blue)</td>
<td>“Jumbo kit”: 1 bulk pack 50 ml storage syringe of 38% phosphoric acid blue etching gel + 5 empty 3 ml delivery syringes + 40 disposable needle application tips.</td>
</tr>
<tr>
<td>JKV-50 (Green)</td>
<td>Jumbo kit Refill: 1 bulk pack 50ml storage syringe of 38% phosphoric acid blue etching gel.</td>
</tr>
<tr>
<td>JRB-50 (Blue)</td>
<td>“Minikit”: 4 x 1.5 g syringes of 38% phosphoric acid etching gel + 10 needle tips. Only available in blue.</td>
</tr>
<tr>
<td>JRV-50 (Green)</td>
<td></td>
</tr>
<tr>
<td>MET-6</td>
<td></td>
</tr>
<tr>
<td>MET-24</td>
<td>24 x 1.5 g of 38% phosphoric acid etching gel. Only available in blue.</td>
</tr>
<tr>
<td>LTL</td>
<td>100 black needle tips (for Jumbo kits). G22.</td>
</tr>
<tr>
<td>ETL</td>
<td>100 blue needle tips (for Minikit). G25.</td>
</tr>
</tbody>
</table>
Elsobrush

Disposable dental applicators for accurate applications

Features
- Longer and thicker shift allows better handling.
- Hexagonal section of the shift gives better grip, even with wet gloves.
- Stronger working end will bend anywhere to fit any teeth, even those which are hard to reach, with better control.
- Pointed other end can be used to pierce unidose of bonding agent.
- Stiff head for a good and precise scrubbing of dental surfaces.
- Specially designed dispensing box will deliver applicators one by one, to avoid cross-contamination.
- A strongly-built, stable and well-designed dispenser is available for frequent use of applicators.
- 3 different sizes fit any technique and adapt to any type of material used.
- Different colours to identify different materials during the clinical procedures.

Indications
To apply cements, etchants, sealants, bonding agents, hemostatic solutions, cleansing solutions, conditioner, etc.

References & Presentations

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 EC</td>
<td>(Regular size)</td>
<td>4 x 100 applicators.</td>
</tr>
<tr>
<td>400 EF</td>
<td>(Fine size)</td>
<td>4 x 100 applicators.</td>
</tr>
<tr>
<td>400 EXF</td>
<td>(XFine size)</td>
<td>4 x 100 applicators.</td>
</tr>
<tr>
<td>400 ECD</td>
<td>(Regular size)</td>
<td>4 x 100 applicators + dispenser.</td>
</tr>
<tr>
<td>400 EFD</td>
<td>(Fine size)</td>
<td>4 x 100 applicators + dispenser.</td>
</tr>
<tr>
<td>400 EXFD</td>
<td>(XFine size)</td>
<td>4 x 100 applicators + dispenser.</td>
</tr>
</tbody>
</table>
Core build-up material

Core D
Dual-curing core built-up material

Core D Flow
Dual-curing core built-up material

Autocore Mix
Self-curing core built-up material

FP
Root canal fibre posts

Autocore
Core built-up material
Core D

Dual-curing core built-up material
Biocompatible benefit: HEMA and TEGDMA-free

Features

• Very thixotropic: the material does not flow and remains in place, without the need for a matrix. This dramatically improves the vision of the operating field.
• Equivalent hardness to dentine. The operator does not feel the difference when the bur moves from the tooth structures to the material.
• High flexural strength (130 Mpa).
• Also designed to seal root canal posts (with a dual-curing bonding).
• Radiopaque.

Test of flexural strength *

![Bar chart showing flexural strength comparison between LuxaCore-Dual and Core D](chart.png)

*Tests conducted by G-Pharma. They were carried out with a Zwick equipment annually calibrated and certified, according to ISO 11405:2014.

References & Presentations

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDB-25 (white)</td>
<td>25 ml cartridge + 20 mixing tips + 20 intra-oral tips.</td>
</tr>
<tr>
<td>CDD-25 (dentin)</td>
<td>25 ml cartridge + 20 mixing tips + 20 intra-oral tips.</td>
</tr>
<tr>
<td>EJ-100</td>
<td>100 yellow mixing tips.</td>
</tr>
<tr>
<td>IV-50</td>
<td>50 green intra-oral tips.</td>
</tr>
</tbody>
</table>
Core D Flow

Dual-curing core built-up material
Biocompatible benefit: HEMA and TEGDMA-free

Features

- Flowable to allow injection in small and narrow cavities.
- Equivalent hardness to dentine. The operator does not feel a difference when the bur moves from the tooth structures to the material.
- High flexural strength (125 Mpa).
- Sealing of root canal post with dual-curing bonding system.

Reference & Presentation

| CDF-5 (dentine) | 2 X 2.5 ml (4.8 g) syringes + 10 mixing tips + 5 intra-oral regular tips + 5 intra-oral x-fine tips |
Autocore Mix

Self-curing core built-up material

Biocompatible benefit: HEMA and TEGDMA-free

Features

• Very thixotropic: the material does not flow and remains in place, without the need for a matrix. This dramatically improves the vision of the operating field.
• Equivalent hardness to dentine. The operator does not feel a difference when the bur moves from the tooth structures to the material.
• Self-curing for a minimal retraction of the material, to increase the bonding strength.
• Radiopaque.

Clinical procedure

(Core built up restoration on an upper PM, in conjunction with a FP fiber post)

1. Endodontic treatment completed, root canals sealed.
2. Preparation of the root canal with a suitable reamers, with the anatomy of the root.
3. Preparation completed.
4. Choice of the suitable posts - Try-in – apply a conditioner on the posts and cavity (if necessary).
5. Coat the post space preparation with HEALBOND DUO SE, then coat the post and the preparation space with AUTOCORE MIX and gently insert the post into the root.
6. Sealed FP posts in place.
7. Apply AUTOCORE MIX around the posts and onto the inner surfaces of the preparation.
8. Restoration completed, before preparation of the tooth.

References & Presentations

<table>
<thead>
<tr>
<th>CDSC-B-25 (white)</th>
<th>1 x 25 ml cartridge + 20 mixing tips + 20 intra-oral tips.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDSC-D-25 (Dentin)</td>
<td></td>
</tr>
<tr>
<td>CDSC-B-50 (white)</td>
<td>1 x 25 ml cartridge + 20 mixing tips + 20 intra-oral tips.</td>
</tr>
<tr>
<td>CDSCD--50 (Dentin)</td>
<td></td>
</tr>
<tr>
<td>EJ-100</td>
<td>100 yellow mixing tips.</td>
</tr>
<tr>
<td>IV-50</td>
<td>50 green intra-oral tips.</td>
</tr>
</tbody>
</table>
FP
Root canal fibre posts

Features
- Individual blister: no cross-contamination and easy selection.
- Translucent: aesthetic and good light conduction.
- Compatible with all resin-based cements.
- Rough surface: exceptional cohesion with the composite and/or the cement.
- Elasticity modulus close to that of the tooth: homogeneous repartition of the mechanical stress.
- Length of the posts: 19 mm.
- Colour code on top of the post.
- Biocompatible: no toxicity.
- No corrosion or tooth structure discoloration.

Description
FP Fiber Posts are cylindrical posts with a conical end for the last 2 mm.

Composition
- Organic matrix: 40%
- Glass fibers: 60%

Indications
To be used with a dual-bonding system and a core built up material, for direct restorations.

References & Presentations
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KFP–15</td>
<td>Intro kit of 3 x 5 posts (1.00 mm – 1.20 mm - 1.35 mm), under individual blister + 3 assorted drills.</td>
</tr>
<tr>
<td>FP–5-*</td>
<td>Refill of 5 posts of the same size, under individual blister (*indicate the size needed).</td>
</tr>
<tr>
<td>F-3-*</td>
<td>Refill of 3 drills of the same size (*indicate the size needed).</td>
</tr>
<tr>
<td>* size</td>
<td></td>
</tr>
</tbody>
</table>
**Autocore**

**Core built-up material**

**Features**
- Creamy consistency: can be applied with a compule and a syringe for composite.
- Easy mixing; sufficient working.
- Contrasting shades for ease of distinguishing from tooth structure.
- X-ray opaque.
- Versatile in use.
- Can also be used for cementing posts: the same products mean no risk of infiltration.

**Description**
A self-cure restorative composite, for use in the build up of teeth lacking sufficient coronal structure, prior to placement of crowns or bridges, and for cementing pins and posts.

**Physical properties/Characteristics of the material**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working time</td>
<td>minimum 160 seconds.</td>
</tr>
<tr>
<td>Setting time</td>
<td>minimum 240 seconds.</td>
</tr>
<tr>
<td>Compressive strength</td>
<td>250 Mpa.</td>
</tr>
<tr>
<td>Diametral tensile strength</td>
<td>41 mPa.</td>
</tr>
</tbody>
</table>

**Reference & Presentation**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-50</td>
<td>AC-50-D: 25 g (base) + 25 g (catalyst), 40 spatulas, 3 g bottle of thinner resin. Dentine shade.</td>
</tr>
</tbody>
</table>
Impression

Harmony
Vinyl polysiloxane impression materials

Algiperf
Class A type I dental alginate

Algiplus
Class A type I dental alginate

Duroc
Resin-based bite registration material

Still Bite
Bite registration silicone, fast set and high shore hardness

Elsocord
Knitted retraction cord

Hemosal
Astringent gel – 25% aluminum sulfate
Harmony

Vinyl polysiloxane impression materials

Features

HARMONY has been specially developed to provide a very precise and highly hydrocompatible impression material. This makes it one of the best on the market.

• Both light and medium viscosity are thixotropic, to insure an accurate and “easy to take” impression.
• Unlike many other impression materials, an impression made with HARMONY has a mat appearance which allows a perfect and fast reading and gives the opportunity to correct the impression right away, if needed.
• Optimized ratio between working time (long) and total setting time (reduced time in mouth) known as the «Snap Set» effect. It is the first time that a silicone can show the same kinetic during polymerization than a polyether material.

Indications

HARMONY impression material is available in the following viscosities and setting times:

• Low viscosity, normal or fast setting for the two steps impression (wash technique).
• Medium viscosity, normal setting, for the "one step" impression procedure.
• Putty soft, normal setting (yellow).
• Putty soft, fast setting (blue).

The “drop of water” test

• It shows the extreme hydrocompatibility of the material.

References & Presentations

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPN-600</td>
<td>Putty soft, normal setting (yellow) 2 x 300 ml.</td>
</tr>
<tr>
<td>HFP-600</td>
<td>Putty soft, fast setting (blue) 2 x 300 ml.</td>
</tr>
<tr>
<td>HM-100</td>
<td>Medium viscosity, normal setting (purple) - 2 x 50 ml cartridges + 10 mixing tips</td>
</tr>
<tr>
<td>HM-200</td>
<td>Medium viscosity, normal setting (purple) - 4 x 50 ml cartridges</td>
</tr>
<tr>
<td>HLN-100</td>
<td>Low viscosity, normal setting (green) - 2 x 50 ml cartridges + 10 mixing tips</td>
</tr>
<tr>
<td>HLN-200</td>
<td>Low viscosity, normal setting (green) - 4 x 50 ml cartridges</td>
</tr>
<tr>
<td>HLF-100</td>
<td>Low viscosity, fast setting (orange) - 2 x 50 ml cartridges + 10 mixing tips</td>
</tr>
<tr>
<td>HLF-200</td>
<td>Low viscosity, fast setting (orange) - 4 x 50 ml cartridges</td>
</tr>
<tr>
<td>HM-40</td>
<td>4 x 10 ml syringes medium viscosity, normal setting (purple) + 10 mixing tips + 10 intra-oral tips</td>
</tr>
<tr>
<td>HLF-40</td>
<td>4 x 10 ml syringes low viscosity, fast setting (orange) + 10 mixing tips + 10 intra-oral tips</td>
</tr>
<tr>
<td>HLN-40</td>
<td>4 x 10 ml syringes low viscosity, normal setting (green) + 10 mixing tips + 10 intra-oral tips</td>
</tr>
<tr>
<td>EJ-100</td>
<td>100 yellow mixing tips.</td>
</tr>
</tbody>
</table>
**Algiperf**

*Class A type I dental alginate*

**Features**
- High precision alginate (15µ).
- Dark green colour for a good contrast to allow fast and precise reading of details.
- Anti-microbial alginate: no need to decontaminate the impression before sending it to the technician.
- Dust-free.
- Easy to mix.
- Creamy consistency.
- Thixotropic: remains in the tray without leaking and gives perfect covering of teeth during printing.
- Excellent elasticity: No tear off and very good recovery after deformations.

**Important notice**

Working and setting times are closely related to the temperature of the water used.

**Reference & Presentation**

| AA-500 | 500g bag. |
Algiplus
Class A type I dental alginate

Features
• Good precision alginate (50µ).
• Dark purple colour for a good contrast, to allow an easy and fast reading of the impression.
• Dust-free.
• Easy to mix.
• Creamy consistency.
• Thixotropic: remains in the tray without leaking and gives perfect covering of teeth during printing.
• Excellent elasticity: no tear off wand very good recovery after deformations.
• Mint flavor.

Important notice
Working and setting times are closely related to the temperature of the water used.

Reference & Presentation
AP-500 500g bag.
Duroc

Resin-based bite registration material, implant transfer caps splinting
TEGDMA, HEMA, BISGMA and BPA-free

Features

• DUROC has been developed from a mix of special resins to give one of the most rigid bite registration materials available.
• High flexural strength and a very high hardness prevent the risk of dimensional distortion of the material when cured.
• Thixotropic features to prevent the material flowing into interproximal spaces during the bite registration process.
• Blue for a strong contrast.
• Easy to trim the excess.
• Fast setting time: ~ 40 seconds.
• Reduced exothermic reaction when setting.

Indications

• Bite registration, especially when the centric relation is unstable.
• Fixing together implant transfer caps before final impression.

References & Presentations

| DU-50 | 50 ml cartridge + 10 mixing tips. |
| EJ-100 | 100 yellow mixing tips. |
Still Bite

Bite registration silicone, fast set and high Shore hardness

Features
• Can be scanned with a laser/optical/tactile lecture system.
• Thixotropic.
• Inercesible viscosity for the patient.
• Very hard (Hardness: 95 shore A).
• Details reproduction: 15µm.
• Fast setting time: 45s.
• Dimensional variation: ~ 0.02%.
• Unalterable / Remained stable overtime.
• Easily re-positioned directly in mouth or on models, after hardening.
• Easy to trim.

Caracteristics
• Bite registration, in dentistry and orthodontics.
• Occlusion keys
• Gnatological evaluations.
• Intermaxillary bite registration: centric, protrusion or lateral.
• Diagnostic assessments of cranio-mandibular disorders needing afterward an interpretation.

Clinical procedure (Bite registration)

1. After a slight air-blow, apply enough material to obtain a perfect bite registration.
2. Bite registration.
3. View of the bite registration segment after complete polymerisation.

References & Presentations

<table>
<thead>
<tr>
<th>Kit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB-100</td>
<td>Kit of 2 x 50 ml cartridges + 10 mixing tips.</td>
</tr>
<tr>
<td>SB-200</td>
<td>Kit of 4 x 50 ml cartridges.</td>
</tr>
<tr>
<td>EV-100</td>
<td>100 green mixing tips.</td>
</tr>
</tbody>
</table>
**Elsocord**

**Knitted retraction cord**

**Features**

- 100% cotton cord is knitted into interlocking chains to facilitate easy packing of cord into sulcus. This minimizes unravelling and fraying during packing.
- During crown preparation knitted cord will not damage diamond burs.
- Knitted loops absorb and transport significantly greater quantities of hemostatic solution or gel providing more effective hemostasis.
- Knitted chains provide an excellent medium for gel absorption and placement. Used in conjunction with HEMOSAL, greater hemostatic effect can be achieved.
- For quick and easy identification the 3 sizes are colour-coded.

**Characteristics**

- **Size 00:**
  - To be used when the sulcus is very narrow and shallow.
- **Size 0:**
  - To be used when the sulcus is narrow and/or the gum is thin.
- **Size 1:**
  - To be used with a thick gum and when the sulcus is deep.

**References & Presentations**

<table>
<thead>
<tr>
<th>C-00</th>
<th>Size 00</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-0</td>
<td>Size 0</td>
</tr>
<tr>
<td>C-1</td>
<td>Size 01</td>
</tr>
</tbody>
</table>
Hemosal
Astringent gel – 25% aluminum sulfate
TEGDMA, HEMA, BISGMA and BPA-free

Features
• Available in pre-filled syringe: hygienic and ergonomic.
• Makes initial cord packing easier by providing lubrication: allows the cord to glide into the sulcus.
• No tissue necrosis or blackening of tissue.
• Compatible with all impression materials.
• Reduces tissue trauma.
• Blue colour for easy visibility and placement.
• Due to its balance viscosity, the gel remains in place during all the procedure.
• Versatile in uses.
• No contra-indications.

Indications
• To help in gingival retraction, with the appropriate retraction cord.
• Help in control of bleeding during impression procedures.
• Help in reducing gingival inflammation.
• Great for Class V restorations or if tissue is cut during composite procedures.
• Other tissues management.
• In endodontic procedures, when a canal is bleeding.

Important notice: Topic utilisation.

References & Presentations

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HSA-6</td>
<td>4 x 1.5g syringes + 10 black needle tips.</td>
</tr>
<tr>
<td>LTL</td>
<td>100 intra-oral black tips.</td>
</tr>
</tbody>
</table>
Temporary crowns and bridges

Phoenix MD
Resin for temporary bridges and crowns

Phoenix
Resin for temporary bridges and crowns
Phoenix MD
Resin for temporary bridges and crowns
HEMA and TEGDMA-free

Features
• High flexural strength and slight resilience.
• Due to its perfect thixotropy, PHOENIX MD does not flow and can be injected directly in mouth, around the abutment tooth.
• A new layer can be applied on top of an existing one up to 2 to 3 days after, maximum.
• The new formulation has a setting time of 2’ 45”.
• Very thin oxygen inhibition layer.

Indications
• To make temporary crowns and long temporary bridges, with a pre-impression (indirect method). Due to its high consistency, it is suitable to inject some resin in the sulcus of the preparation, prior to put the resin-filled impression back in the mouth.
• To make temporary crowns directly in mouth (direct method). A temporary crown can be made in mouth within 3 minutes maximum.

References & Presentations

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHMD-50-A1</td>
<td>1 x 50ml cartridge, shade A1 + 10 mixing tips.</td>
</tr>
<tr>
<td>PHMD-50-A2</td>
<td>1 x 50ml cartridge, shade A2 + 10 mixing tips.</td>
</tr>
<tr>
<td>PHMD-50-A3</td>
<td>1 x 50ml cartridge, shade A3 + 10 mixing tips.</td>
</tr>
<tr>
<td>PHMD-20-A1</td>
<td>2 x 10ml syringes, shade A1 + 10 mixing tips.</td>
</tr>
<tr>
<td>PHMD-20-A2</td>
<td>2 x 10ml syringes, shade A2 + 10 mixing tips.</td>
</tr>
<tr>
<td>PHMD-20-A3</td>
<td>2 x 10ml syringes, shade A3 + 10 mixing tips.</td>
</tr>
<tr>
<td>EJ-100</td>
<td>100 yellow mixing tips.</td>
</tr>
</tbody>
</table>
Clinical procedures

Indirect method

- Inject PHOENIX MD in the pre-impression. Check that the nose of the mixing tip is always in contact with the bottom of the pre-impression, to avoid bubbles in the material.
- For incisives, use an intra-oral tip, to be able to reach the bottom part of the impression.
- Also use an intra-oral tip to inject resin in the sulcus of the tooth, prior to put back in mouth the pre-impression loaded with resin, to get a perfect temporary crown.

IMPORTANT NOTICE
Do not forget to withdraw the loaded impression from the mouth, after 1 minute maximum: the resin will be still in a plastic phase (soft) and it will not be blocked by the adjacent teeth. The material will recover after deformation.

- Wait for the resin to set completely in the impression, out of the mouth.
- Take the impression off the mouth and eliminate the oxygen inhibition layer with a disinfection wipe or with a tissue impregnated with alcohol. This layer is always present in the 2 components resin products.
- Trim the excess with a diamond bur without water spray.

This type of resin is very hard and the use of a laboratory bur for resin is not recommended.

Direct method

- Keep the prepared abutment tooth slightly humid. Put a yellow ring mixing tip and an intra-oral tip on the cartridge and inject PHOENIX MD directly onto the teeth, starting in the sulcus.
- Once, the tooth is completely covered, ask the patient to bite on the uncured resin.
- After about 40 seconds, the resin reaches an elastic phase. Ask the patient to open wide and take the untrimmed temporary crown off the tooth and put it back few times, to avoid any blocking with adjacent teeth.
- Trim the excess in mouth, using a diamond bur, under water spray. Trim the proximal walls outside of the mouth.
- Polish the crown. Seal it with a temporary luting cement.
Phoenix

Resin for temporary bridges and crowns
HEMA and TEGDMA-free

Features
- High flexural strength >110 Mpa.
- Extremely reduced inhibition oxygen layer: the surface of the cured material is almost dry.
- Aesthetic.
- Easy and fast to use.

Indications
- To make temporary crowns and long temporary bridges, with a pre-impression (indirect method).

Test of flexural strength

References & Presentations

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH-50-A2</td>
<td>50 ml cartridge, shade A2 + 10 mixing tips.</td>
</tr>
<tr>
<td>PH-50-A3</td>
<td>50 ml cartridge, shade A3 + 10 mixing tips.</td>
</tr>
<tr>
<td>PH-20-A1</td>
<td>2 x 10 ml syringes, shade A1 + 10 mixing tips.</td>
</tr>
<tr>
<td>PH-20-A3</td>
<td>2 x 10 ml syringes, shade A2 + 10 mixing tips.</td>
</tr>
<tr>
<td>PH-20-A3</td>
<td>2 x 10 ml syringes, shade A3 + 10 mixing tips.</td>
</tr>
<tr>
<td>EB-100</td>
<td>100 blue mixing tips.</td>
</tr>
</tbody>
</table>
Ciments and cavity liner

**Seal Temp & Seal Temp S**
Temporary resin-based cements

**Nisicem**
Dual-curing, self-etching, composite-based adhesive system

**Healdent**
Anti-microbial & fluoride self-curing liner

**Hi-Seal**
Light-curing cavity liner

**Elsotemp**
Eugenol-free, fluoridated temporary filling cement

**Prorez**
Dual-curing composite for temporary filling
Features

1/ Perio-friendly
- Due to the smooth texture of the cement, the gum completely heals within 2 to 3 days.
- Then, any procedure can be performed without any haemostatic problem (impression, etc).
- Can also be used on vital teeth.

2/ Time saving
- The cement sticks to the intrados of the temporary crowns:
  - The prepared teeth always remain clean.
- Before putting the temporary crown back on the tooth:
  - For SEAL TEMP, just apply a new layer of cement. If a supra-occlusion occurs, just trim the extrados of the temporary crown.
  - For SEAL TEMP S, tear off the old layer of cement with tweezers, prior to apply a new one.

Indications

- Temporary cement, for temporary crowns on vital teeth and implant.
- Permanent and/or semi-permanent cement for permanent crowns (except zircon crown) on implant.

Seal Temp

- **Strong retention strength, for temporary bridges and crowns on normal low abutment teeth.**
- **Definitive cement on implant, except prosthetics elements in zircon.**

Seal Temp S

- **Medium retention strength, for temporary bridge and crown cases on normal abutment teeth.**
- **Semi-definitive cement on implant.**
Clinical procedure

1. Temporary bridge (try-in).
2. Injection of the cement in the temporary bridge.
3. Luting of the temporary bridge.

SEAL TEMP S & SEAL TEMP
Dual syringe form

1. Before first use, take the cap off and check that the two exits are unblocked. Extrude a little bit of cement to be sure that the 2 parts equally flow. Put a mixing tip on.
2. Extrude the desired quantities and apply a thin layer in the intrados of the temporary crown.
3. The crown or bridge should be firmly hold in place, by asking the patient to bite.
4. Eliminate the excess immediately by spreading them on the temporary crown, with a mouth spatula, to obtain a smooth joint. The cement is totally hard after 1 minute.
5. Check the occlusion with an articulating paper.
6. Leave the mixing tip in place until the next use.

SEAL TEMP S & SEAL TEMP
2 syringes form

1. Take the caps off and extrude the desired equal quantities of base and catalyst, from the 2 syringes onto a mixing pad. Put the caps back in place.
2. Mix the 2 pastes with a mouth spatula (10 s.) and apply a thin layer of cement in the intrados of the temporary crown.
3. The crown should be firmly hold in place, by asking the patient to bite.
4. Eliminate the excess immediately by spreading them on the temporary crown, with a mouth spatula, to obtain a smooth joint. The cement is totally hard after 1 minute.
5. Check the occlusion with an articulating paper.

References & Presentations

Seal Temp

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST-25</td>
<td>2 x 12.5 g syringes (base + catalyst).</td>
</tr>
<tr>
<td>STD-16</td>
<td>2 x 5 ml dual syringes + 20 mixing tips.</td>
</tr>
<tr>
<td>STD-8</td>
<td>1 x 5 ml dual syringe + 10 mixing tips.</td>
</tr>
<tr>
<td>STD-32</td>
<td>2 x 10 ml syringes + 10 mixing tips.</td>
</tr>
<tr>
<td>EM-*</td>
<td>Brown mixing tips (50 or 100). For STD-16 and STD-8.</td>
</tr>
</tbody>
</table>

* Quantity

Seal Temp S

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>STS-25</td>
<td>2 x 12.5 g syringes (base + catalyst).</td>
</tr>
<tr>
<td>STDTS-16</td>
<td>2 x 5 ml dual syringes + 10 mixing tips.</td>
</tr>
<tr>
<td>STDTS-8</td>
<td>1 x 5 ml dual syringe + 10 mixing tips.</td>
</tr>
<tr>
<td>STDTS-32</td>
<td>2 x 10 ml syringes + 10 mixing tips.</td>
</tr>
<tr>
<td>EM-*</td>
<td>Brown mixing tips (50 or 100). For STDTS-16 and STDTS-8.</td>
</tr>
</tbody>
</table>

* Quantity
Nisicem
Dual-curing, self-etching, composite-based adhesive system
TEGDMA, HEMA, BISGMA and BPA-free

Features
• Strong adhesion on both dentin and zirconia as well as on metal, composite and silanated ceramic.
  No pre-treatment required in most cases: fast and easy to use.
• Careful balance between a hydrophobicity allowing a long-term bonding and a slight hydrophilicity.
• Easy to handle - Dual syringe for a perfect dosage. - Intra-oral fine or Xfine tips, to facilitate the placement inside the mouth in the intrados of prosthesis or directly into the root canal.
• Waterproof and stability over time: No post-operative sensitivity
• Two shades available to fit all aesthetic situations: TranslucentA2 and A3.
• Fluoride release, to avoid demineralization of the tooth structure and bacteria proliferation.
• Very low thickness of the film of cement.

Indications
• Inlays, onlays, crowns and bridges.
• Strong adhesion on many type of material: zircn, metal, composite, silanized ceramic.
• Maryland bridges of 2 to 3 elements.
• Covers most aesthetic situations (when used with ceramic veneers), with a choice of two shades: translucentA2 and A3 (opaque).
• Luting of root canal post.

Important notice
In case of low abutment teeth, and for Maryland bridges, an etching, prior to cementation will improve the adhesive strength of Nisicem.

References & Presentations
<table>
<thead>
<tr>
<th>Code</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NC-10 -TA2</td>
<td>1 x 5 ml + 10 mixing tips + 10 intraoral tips (fine and Xfine). TranslucentA2 shade</td>
</tr>
<tr>
<td>NC-10-A3</td>
<td>1 x 5 ml + 10 mixing tips + 10 intraoral tips (fine and Xfine). A3 shade</td>
</tr>
</tbody>
</table>
Physico-chemical comparative tests

1/ Shear bond strength to dentin and Zircon*

- Tests show that Nisicem has the highest combined dentin/Zircon adhesive strength, on the market

![](image)

**Competitor**
- Zircon adhesion
- Dentine adhesion

**Nisicem**
- Zircon adhesion
- Dentine adhesion

**Strong adhesion to different substrates:**
- Zircon: 5.53 MPa
- Dentine: 6.22 MPa

**Test conditions:**
Light-curing for 40 seconds, then 5 minutes in self-curing mode

2/ Measures of water absorption and solubility*

![](image)

**Competitor**
- Water solubility
- Water absorption

**Nisicem**
- Water solubility
- Water absorption

Good flexural strength: 101.2 MPa
Conversion rate at 5 minutes: 40.12%

A high water absorption and solubility dramatically decrease performances of adhesive cements, over a long term period.
- Solubility leads to cement crumbling, with a discontinuity of the interface tooth/cement.
- A high water absorption decreases mechanical properties of the adhesive cement in time, as well as changing its colour shade.

3/ Measure of the conversion rate*

- Conversion rate at 5 minutes: 40.12%

4/ Measure of the flexural strength*

- Flexural strength: 101.2 MPa

* Tests conducted by G-Pharma according to the norms: Shear bond strength to dentin and Zircon: These tests were carried out with a Zwick equipment annually calibrated and certified, according to ISO 11405 : 2014 ; Measures of water sorption and solubility: Performed according to ISO 4049, 2009*,(Chapter 7.12), using an oven and a desiccator ; Conversion rate: The Degree of conversion was evaluated using FTIR spectrometer with an attenuated total reflectance (ATR) accessory ; Flexural strength: (3 points), according to ISO 4049 : 2009 (chapter 7.11), these tests were carried out with a Zwick equipment annually calibrated and certified, according to ISO 11405 : 2014
Healdent

Anti-microbial & fluoride self-curing liner
TEGDMA, BISGMA and BPA-free

How does it work & main indications

It seals the dentinal tubulis to prevent fluid flow by combining with the proteins to produce a physiological barrier and prevent any bacterial post-colonization.

1. Benzalconium chloride is the antiseptic which rids the tubulis of residual bacteria. These germs are frequently responsible for post-operative hypersensitivities after fillings, especially on anterior teeth. They also enhance painful sensation of teeth with cervical recession or root exposure.

2. Used as a liner (95 % of the indications), HEALDENT eliminates the risk of post-operative sensitivities. HEALDENT is compatible with all bonding agents and restorative materials and actually enhances the adhesion of bonding agents by 1 to 2 Mpa: it acts as a liner.

3. Used as a densensitizer (5% of the indications), HEALDENT gives immediate pain relief on cervical recessions or root exposures. Benzalconium Chloride provides immediate efficiency and long-lasting pain relief.

4. Sodium Fluoride reduces the incidence of root surface caries, remineralizing the dentine, the only way to provide long lasting desensibilization (densensitizer use).

Other indications

• After tooth bleaching & whitening.
• After scaling, root planning & perio treatments.

Reference & Presentation

D-10 10 ml bottle.
Hi-Seal
Light-curing cavity liner
Biocompatible benefit: TEGDMA-free

Features
• Compatible with all dental restorative materials or resin cements.
• Releases favorable calcium ions, fluoride ions and phosphate ions. These are known to be beneficial to tooth structure, to stimulate secondary dentine formation and to have cariostatic properties.
• Very hard after setting and virtually insoluble in water and oral fluids.
• Can be applied directly from the syringe through pre-bent dispenser tips for precise placement or can be dispensed on a pad or mixing well and placed on the tooth with a suitable instrument.
• Dentine shade.
• Radiopaque.

Important note
• Hi-Seal chemically bonds to adhesive primers, composites and other resin based materials and it micromechanically bonds to dentin.

References & Presentations
<table>
<thead>
<tr>
<th>HS-6</th>
<th>Kit of 4 x 1.5 g syringes + 10 needle tips.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IR-100</td>
<td>100 pink needle tips. G18.</td>
</tr>
</tbody>
</table>
Elsotemp

Eugenol-free, fluoridated temporary filling cement

Definition

• Zinc oxide and synthetic materials temporary filling cement, self-hardening, ready to use.

Features

• Because ELSOTEMP contains a high quality plasticizer, no expansion will occur during the setting process.
• No pulp or gum irritations (PH=7).
• Fast-setting.
• Waterproof.
• Eugenol-free: does not hinder polymerization of resins and composites.
• Contains fluoride: cariostatic action.
• Soft before setting to allow a perfect application during the filling process.
• Hard after setting.
• Stick to the walls of the tooth: ELSOTEMP can remain in mouth 1 or 2 months, if needed.
• Easy to remove.

Consistency

• Grey: soft.
• White: normal.
• Pink: hard.

References & Presentations

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPS-B</td>
<td>Temporary filling cement, white, 3 x 28 g syringes.</td>
</tr>
<tr>
<td>TPS-R</td>
<td>Temporary filling cement, pink, 3 x 28 g syringes.</td>
</tr>
<tr>
<td>TPP-R</td>
<td>Temporary filling cement, white, 6 x 28 g jars.</td>
</tr>
<tr>
<td>TPP-B</td>
<td>Temporary filling cement, pink, 6 x 28 g jars.</td>
</tr>
<tr>
<td>TPP-G</td>
<td>Temporary filling cement, grey, 6 x 28 g jars.</td>
</tr>
<tr>
<td>TPP-R1</td>
<td>Temporary filling cement, pink, 1 x 28 g jar.</td>
</tr>
<tr>
<td>TPP-B1</td>
<td>Temporary filling cement, white, 1 x 28 g jar.</td>
</tr>
<tr>
<td>TPP-G1</td>
<td>Temporary filling cement, grey, 1 x 28 g jar.</td>
</tr>
<tr>
<td>TPP-R40</td>
<td>Temporary filling cement, pink, 1 x 40 g jar.</td>
</tr>
<tr>
<td>TPB-R40</td>
<td>Temporary filling cement, white, 1 x 40 g jar.</td>
</tr>
</tbody>
</table>
Prorzez
Dual-curing composite for temporary filling
TEGDMA, HEMA, BISGMA and BPA-free

Features
- Thixotropic.
- Easy to place, even in small or narrow cavities, with the dual syringe and its intra-oral tip.
- Easy to remove with a probe.
- Aesthetic (shade A3).
- Fast setting: 45 seconds in self-curing mode.
- Fluoride release.

Indications
- Temporary filling of inlay and onlay preparations.
- Temporary filling of abutment tooth pits.
- Temporary filling of other cavities needing to be protected (After endodontic treatments...).

References & Presentations

<table>
<thead>
<tr>
<th></th>
<th>PRZ-16</th>
<th>2 x 5 ml dual syringes + 20 mixing tips + 20 regular intra-oral tips.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PRZ-32</td>
<td>2 x 10 ml dual syringes + 10 mixing tips (For G-10 gun)</td>
</tr>
<tr>
<td>EMP-*</td>
<td>Brown tip - Quantity: *100 or 50.</td>
<td></td>
</tr>
<tr>
<td>IMP-100</td>
<td>Intra-oral tip for (EMP) - 100.</td>
<td></td>
</tr>
</tbody>
</table>
Implantology

Duroc
Implant transfer caps splinting
Cf. page 29

Seal Temp & Seal Temp S
Semi-definitive cement on implant
Definitive cement in implant
Cf. page 38-39

Duroc Clear
Making of a surgical guide
Duroc Clear
Resin to make surgical guides for implants
TEGDMA, HEMA, BISGMA and BPA-free

Features
- Translucent shade, for a better vision of the surgical field.
- A new layer can be applied on top of an existing one and stick to it, to fill the free space between the guide and the “drilled body”.

Use of the product
- To make surgical guides directly in the mouth (avoid the need to make an impression and a plaster model for this step).
- Stabilization of SICAT plates (Sirona).
- Bite registration when it is unstable.

References & Presentations

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUCL-50</td>
<td>50 ml cartridge + 10 mixing tips.</td>
</tr>
<tr>
<td>EJ-100</td>
<td>100 yellow mixing tips.</td>
</tr>
</tbody>
</table>
Making of a surgical guide directly in mouth in a CADCAM environment

1- Duroc Clear application.
2- Insertion of the reference body into the resin.
3- Reference body in place.
4- System taking off.
5- Detection of the reference body.
6- Removing the reference body.
7- Machining of the drill body.
8- Drill body machined.
9- Apply the dual self-etching bonding around the drill body and inside the surgical guide.
10- Assembling of the 2 parts of the surgical guide.
11- Trimming and polishing the surgical guide.
12- Surgical guide finished.
Endodontic accessories

Endoneedle
Canulas for root canal irrigation
Lateral opening and blunt end
Endoneedle

Canulas for root canal irrigation
Lateral opening and blunt end

Features
- Compared to needles with apical opening, a needle with lateral opening and blunt end will prevent any risk of damage at the apex of the tooth (acute desmondontitis), especially with a chronically infected tooth (e.g., widely opened apex), or when the apessification is not complete.
- The small diameter of the opening allows enough water pressure to expel the debris from the canal.

Description
- 3 diameters available:
  - 0.30mm (purple), for thin canal irrigation.
  - 0.40mm (yellow) for medium-size canal irrigation.
  - 0.60 mm (blue), for large canal irrigation (canines and incisives).
- 33mm length, suitable even for upper maxillary canine.
- Very flexible, to adapt to all canal morphology.

References & Presentation

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED30-100</td>
<td>Kit of 100 canulas, gauge 30.</td>
</tr>
<tr>
<td>ED27-100</td>
<td>Kit of 100 canulas, gauge 27.</td>
</tr>
<tr>
<td>ED23-100</td>
<td>Kit of 100 canulas, gauge 23.</td>
</tr>
<tr>
<td>ED30-30</td>
<td>Kit of 30 canulas, gauge 30.</td>
</tr>
<tr>
<td>ED27-30</td>
<td>Kit of 30 canulas, gauge 27.</td>
</tr>
<tr>
<td>ED23-30</td>
<td>Kit of 30 canulas, gauge 23.</td>
</tr>
</tbody>
</table>
Miscellaneous

Notre Dam
Light-curing liquid dam

Mixing and intra-oral tips

Light Lite
Ultra-lightweight, pen-style, cordless LED light

PRO 4
Multi-purpose prosthodontic introduction kit

Prolux
A multi-purpose, intra-oral, lighting system
Notre Dam

Light-curing liquid dam
TEGDMA, HEMA, BISGMA and BPA-free

Features

• Light-curing resin whose thixotropy allows an easy setting of the material.
• Low exothermic reaction to avoid harmful reaction of the mucosa.
• Versatile in use.
• Blue for a good contrast.

Indications

• Bleaching
  - Protection of soft tissues during bleaching process.
• Endodontic
  - To insure a waterproof joint of the rubber dam around a tooth during an endodontic session.
  - To built temporary tooth walls during endodontic sessions, to hold the irrigating liquid in place.
• Prosthodontic
  - To fill up undercuts before impression, to avoid tearing off the material.
• Restorative dentistry
  - To hold Teflon® film in place whenluting aesthetic venners, or making a class II composite involving the contact point.

1 - Before reconstruction of dentinal wall. 2 - Dentinal walls built.

Used as waterproof joint around a tooth during an endodontic session. Gum protection during whitening.

References & Presentations

| ND- 4 | 2 x 2g syringes + 10 black applicator tips. Blue shade. |
| LTL  | 100 black needle tips. Gauge 20. |
# Mixing and intra-oral tips

![Image of various mixing tips]

## References & Presentations

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVP-50</td>
<td>Purple mixing tip, long and flat. (x 50).</td>
</tr>
<tr>
<td>IVP-50</td>
<td>Intra-oral mixing tip, for brown mixing tip (EMP-50) or purple (EVP-50). (x 50).</td>
</tr>
<tr>
<td>EV-100</td>
<td>Green mixing tip for Still Bite (x 100).</td>
</tr>
<tr>
<td>ER-100</td>
<td>Pink mixing tip (x 100).</td>
</tr>
<tr>
<td>EJ-100</td>
<td>Yellow mixing tip for Harmony, Autocore Mix, Core D, Phoenix MD and Duroc.</td>
</tr>
<tr>
<td>EB-100</td>
<td>Blue mixing tip for Phoenix (x 100).</td>
</tr>
<tr>
<td>EBA-100</td>
<td>Blue mixing tip (x 100).</td>
</tr>
<tr>
<td>EMB-MO-J</td>
<td>Yellow tip for mixing machines (x 100).</td>
</tr>
<tr>
<td>EM-*</td>
<td>Brown mixing tip, for CP30, Solid, Seal Temp and Seal Temp S dual (x 100 or x 50).</td>
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<tr>
<td>EMP-*</td>
<td>Brown tip (x 100 or x 50).</td>
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<tr>
<td>IR-100</td>
<td>Intra-oral pink tip for Hi Seal and Cirus Flow (x 100), G18.</td>
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<tr>
<td>LTL-100</td>
<td>Intra-oral black tip for Hemosal, G Etch (Jumbo kits), Notre Dam and Opaq (x 100), G20.</td>
</tr>
<tr>
<td>ETL-100</td>
<td>Intra-oral blue tip for G Etch (minikit) and PF Seal (x 100), G25.</td>
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<tr>
<td>IMP-100</td>
<td>Intra-oral tip for EMP- * (x 100).</td>
</tr>
<tr>
<td>IT-100</td>
<td>Intra-oral tip for ER-100 and EV-100 (x 100).</td>
</tr>
<tr>
<td>IJ-100</td>
<td>Intra-oral tip for EJ-100 and EBA-100 (x 100).</td>
</tr>
<tr>
<td>IV-50</td>
<td>Intra-oral green tip for Core D and Autocore Mix (x 50).</td>
</tr>
</tbody>
</table>

* Quantity
Light Lite

Ultra-lightweight, pen-style, cordless LED light

**Powerful**

- **Solid**
- **Ergonomic**

**High technology**
- Powerful «high-brightness series» light emitting diodes (LEDs) of latest technology, especially designed to achieve a good depth of polymerisation of dental composite, in a short curing time and in a wide spectral output: 450-490 nm.
- **Induction rechargeable battery.**
- **Noiseless and air emission free.**

**Powerful**
- **Despite its small size and its lightweight, the LIGHT LITE output is 1300 mW/cm².**
- Collimated light effective to ~10 mm distance.

**Solid**
- **The tips of the LIGHT LITE are unbreakable even if they are dropped.**

**Ergonomic**
- A pure pen-style design, an ultra-light weight (57 g) for a total length of 21 cm.
- A 12° angulation of light probe for optimum access to all areas, and in case of small mouth opening.
- Adjustable LED Tip, rotating by 360°.

**Reliable**
- 2 years for the tips and 6 month for the battery.

**Adaptable in time**
- Thanks to recent research in our R&D department, we will soon be able to offer new tips for new applications.

**Handy**
- When a new battery is necessary, only the hand piece needs exchanging.
Versatile in use

- **Ø 9 mm tip (included in the kit).**
  - For curing all types of anterior and posterior dental composites.
  - Emits 10 seconds at 50% intensity and another 10 seconds at 100% intensity.
  - Polymerization area of 9 mm in diameter.

- **Ø 3 mm tip (veneer and brackets) (included in the kit).**
  - For cementing ceramic veneer and brackets.
  - Emits a 3 mm light beam for 5 seconds at 100% intensity.

- **Diagnosing tip (available separately).**
  - To find out dental cracks and fractures, and for intra oral examination.
  - White LED which provides a powerful bright light for transillumination.

- **«Mirror*» tip**: consisting of the lamp head and a screw ring to adapt to all types of mirror head available on the market. (*mirror not included.) for optimum working comfort in specific areas, with more light and no shadow.
  - To find root canal entrances.
  - To find broken endodontic instruments.
  - To find broken posts in root canals.
  - For intra proximal dental cares.

- **«Double LED» Tip**: a masterpiece of miniaturization with 2 LEDs, one blue and one UV.
  Thanks to its broad emission spectrum from 380 Å to 520 nm, similar to the halogen lights, this tip emits the optimal wavelengths to cure all materials (the UV LED has a range from 380 to 410 nm and the blue one a range from 410 to 520 nm).

  The «Double LED» Tip provides sufficient light energy, intensity and the adequate range in order to activate all the photo initiators used in composites to polymerize them from the *Lucirin® TPO, PPD*, to the most common one the Champhorquinone (CQ).

  - CQ presents maximum energy absorption at 468 nm, close to the emission spectrum of the blue LED.
  - New initiators, such as **PPD** (1-phenyl-1,2-propanedione/ maximum ≈ 410 nm) and **Lucirin® TPO** (2,4,6-trimethylbenzoyldiphenylphosphineoxide / 375 to 410 nm) have an absorption spectrum within the ultraviolet spectrum emitted by our UV LED.
Handpiece

- A no memory battery (lithium polymer) is contained in the handpiece.
- Full recharge takes ~2 ½ hours.
- Completely sealed, with touch sense ON/OFF switch for cold sterilization.

Battery charger light indications on handpiece

- The light indicator flashes blue when the battery is charging.
- The light indicator remains constant blue when the battery is completely charged.
- The light indicator flashes red when the handpiece needs to be recharged.

References & Presentations

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>LL-B9</td>
<td>1 handpiece + 1 charge base + 1 ø 9 mm tip + 2 orange eyes shield</td>
</tr>
<tr>
<td>LL-N9</td>
<td>+ 100 disposable protection sleeves. (B: white / N: black)</td>
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<tr>
<td>LL-B3</td>
<td>1 handpiece + 1 charge base + 1 ø 3 mm tip + 2 orange eyes shield</td>
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<tr>
<td>LL-N3</td>
<td>+ 100 disposable protection sleeves. (B: white / N: black)</td>
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<tr>
<td>LL-B-TDL</td>
<td>1 handpiece + 1 charge base + 1 «Double LED» Tip (blue LED + UV LED)</td>
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<tr>
<td>LL-N-TDL</td>
<td>+ 2 orange eyes shield + 100 disposable protection sleeves. (B : white / N : black).</td>
</tr>
<tr>
<td>LL-TEB</td>
<td>Diagnosing tip (white LED).</td>
</tr>
<tr>
<td>LL-TMB</td>
<td>«Mirror *» Tip (lamp head and screw ring, *mirror not included).</td>
</tr>
<tr>
<td>LL-M-B</td>
<td>1 white handpiece.</td>
</tr>
<tr>
<td>LL-M-N</td>
<td>1 black handpiece.</td>
</tr>
<tr>
<td>GJ-100</td>
<td>100 disposable sleeves.</td>
</tr>
</tbody>
</table>

Black version
PRO 4

Multi-purpose prosthodontic introduction kit

Features

- A multi-purpose kit concept dedicated to prosthodontic sessions, with four products presented in 10ml syringe, mix tips and a gun.
- Ergonomic = time saving with a light and handy unmatched system + syringe.
  - 10 ml syringes for better visibility of the operative field.
  - Small dispensing guns easy to handle.

- Economical = the small mixing tips allow practitioners to save 40 to 50% of product, compared to mixing tips used for cartridges.
- Same gun for the different products presented in identical 10 ml dual syringes.

Indications

This ergonomic kit contains all the material needed for:
- core built up, direct method (Core D).
- impression (Harmony).
- cementation of temporary C&B (Temp Seal S).
- temporary restoration (Phoenix).

Small size tips
Products features & indications

Harmony médium

• HARMONY has been specially developed to provide an excellent hydrocompatibility. This feature allows HARMONY to be efficient, even deep in the sulcus.
• Perfect thixotropy: HARMONY does not flow away when it is applied.
• Unlike many other impression materials, an impression made with HARMONY has a mat appearance which allows a perfect and fast reading.
• Ideal for the “one step” impression procedure.

Seal temp S

• Rapid and complete periodontic healing (in 2 to 3 days only), due to the smooth surface of the joint.
• Time saving. It permanently sticks to the intrados of the temporary crowns:
  - The prepared teeth always remain clean.
  - Simply apply a fresh layer of cement into the crowns before putting them back into the teeth, without taking off the old layer of cement.
• Can also be used on living teeth.
• Sealing of temporary crowns with a medium retention strength, for normal temporary bridge & crown cases.
• Ideal for semi-final cementation on implant (the crown can be moved, if wanted).

Core D dentine

• Its very good thixotropy allows the material not to flow but to remain in place, without need for a matrix. This dramatically improves the vision of the operating field.
• Cuts like dentine. There is no different sensation when the bur moves from the material to the tooth structures.
• As strong as the dentine.

Phoenix A3

• Extremely reduced inhibition oxygen layer: the surface of the cured material is almost dry.
• Very good mechanical properties.
• Easy and fast use.
• Aesthetic and Economic.
• Due to its special consistency, its rapid setting and excellent mechanical qualities, PHOENIX is ideally suited for temporary crowns or small aesthetic bridges, made from a pre-impression.

And more...

Other products of ELSODENT brand are available in 10 ml syringes and can be used with the tips and the small gun of the kit: HARMONY LIGHT (ref. HLF-20 - fast & ref. HLN-20 - normal), SEAL TEMP (ref. ST-20), PHOENIX A2 (ref. PH-A2-20), CORE D blanc (réf. CDB-10), PHOENIX MD (réf. RAP-A2-20 & réf. RAP-A3-20) et DUROC (réf. DU-20).
Kit and refills

References & Presentations

<table>
<thead>
<tr>
<th>Kit</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRO 4</td>
<td>10 ml HARMONY medium + 10 ml SEAL TEMP S + 10 ml CORE D Dentine shade + 10 ml PHOENIX A3 shade + 40 mixing tips + 30 regular intra-oral tips + 10 thin intra-oral tips + 1 GUN-10.</td>
</tr>
<tr>
<td>HM-20</td>
<td>2 x 10 ml HARMONY medium + 20 mixing tips + 20 thin intra-oral tips.</td>
</tr>
<tr>
<td>CDD-10</td>
<td>1 x 10 ml CORE D dentine + 10 mixing tips + 10 regular intra-oral tips.</td>
</tr>
<tr>
<td>STDS-32</td>
<td>2 x 10 ml SEAL TEMP S + 20 mixing tips.</td>
</tr>
<tr>
<td>PH-A3-20</td>
<td>2 x 10 ml PHOENIX A3 + 20 mixing tips.</td>
</tr>
<tr>
<td>IMP -50</td>
<td>50 regular intra-oral tips.</td>
</tr>
<tr>
<td>IVP-50</td>
<td>50 thin intra-oral tips.</td>
</tr>
<tr>
<td>GUN-10</td>
<td>Dispensing for 10 ml syringes.</td>
</tr>
</tbody>
</table>

Other products available

References & Presentations

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<thead>
<tr>
<th>Kit</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>HM-40</td>
<td>4 x 10 ml HARMONY medium + 10 mixing tips + 10 thin intra-oral tips.</td>
</tr>
<tr>
<td>HLF-40</td>
<td>4 x 10 ml HARMONY low viscosity (fast setting) + 10 mixing tips + 10 thin intra-oral tips.</td>
</tr>
<tr>
<td>HLN-40</td>
<td>4 x 10 ml HARMONY low viscosity (normal setting) + 10 mixing tips + 10 thin intra-oral tips.</td>
</tr>
<tr>
<td>STD-32</td>
<td>2 x 10 ml SEAL TEMP + 10 mixing tips.</td>
</tr>
<tr>
<td>STDS-32</td>
<td>2 x 10 ml SEAL TEMP S + 10 mixing tips.</td>
</tr>
<tr>
<td>CDB-10</td>
<td>1 x 10 ml CORE D white + 10 mixing tips + 10 regular intra-oral tips.</td>
</tr>
<tr>
<td>PH-A2-20</td>
<td>2 x 10 ml PHOENIX A2 + 10 mixing tips.</td>
</tr>
<tr>
<td>PH-A3-20</td>
<td>2 x 10 ml PHOENIX A3 + 10 mixing tips.</td>
</tr>
<tr>
<td>PHMD-A3-20</td>
<td>2 x 10 ml PHOENIX MD A3 + 10 mixing tips.</td>
</tr>
<tr>
<td>PHMD-A2-20</td>
<td>2 x 10 ml PHOENIX MD A2 + 10 mixing tips.</td>
</tr>
<tr>
<td>PHMD-A1-20</td>
<td>2 x 10 ml PHOENIX MD A1 + 10 mixing tips.</td>
</tr>
<tr>
<td>DU-20</td>
<td>2 x 10 ml DUROC + 10 mixing tips.</td>
</tr>
</tbody>
</table>
Prolux

A multi-purpose, intra-oral, lighting system

Features

• Relax patient's muscles, keeping the mouth open.
• Move the tongue back, away from the working area.
• Provides a powerful and intense light on the working area.
• Small and easy to put in place.
• No wires.
• Induction recharge.

Uses

• Multiple restorations.
• Complicated tooth extractions.
• Endo work (removing of broken post, etc).
• Implantology.

References & Presentations

<table>
<thead>
<tr>
<th>PRO</th>
<th>1 induction charger + 1 light unit + 2 autoclavable silicone sockets (1 small, 1 big) + 20 disposable protection sleeves.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSP-2</td>
<td>Silicone socket, small, by 2.</td>
</tr>
<tr>
<td>MSG-2</td>
<td>Silicone sockets, large, by 2.</td>
</tr>
<tr>
<td>GJ-500</td>
<td>500 disposable sleeves.</td>
</tr>
</tbody>
</table>
Description
• Remove the PROLUX from the charger/base.
• Choose the proper size for the silicone socket, to fit the patient mouth. Introduce the PROLUX + disposable sleeve into the silicone bite.
• Put the system into the mouth, between the teeth, on the other side of the working area.

Light unit
• 2 hours 15 minutes autonomy.
• Recharging time: max. 2 hours.
• Waterproof for cold sterilization.
• Touch sense on/off button.
• Light intensity: 1200mW.
• LED lifetime: 50 000 hours.

Charger
• Very small and well designed.
• Direct connection to the wall.
# Legal Notices

Conformément à la réglementation de la publicité pour les Dispositifs Médicaux Art. R 5213-2 du CSP (Décret no 2012-743 du 9 mai 2012)

<table>
<thead>
<tr>
<th>Internal Reference</th>
<th>Commercial Name</th>
<th>Indications</th>
<th>MD</th>
<th>Manufacturer</th>
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</thead>
<tbody>
<tr>
<td>AA-500</td>
<td>ALGIPERF</td>
<td>Alginat for impression. MD: Class I. Manufacturer: G-Pharma</td>
<td>Class I</td>
<td>G-Pharma</td>
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<tr>
<td>AP-500</td>
<td>ALGIPLUS</td>
<td>Core built-up material. MD: Class I. Manufacturer: G-Pharma</td>
<td>Class I</td>
<td>G-Pharma</td>
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<tr>
<td>AC-50</td>
<td>AUTOCORE</td>
<td>Micro-hybride photopolymerizable composite. MD: Class IIA. Certificating Body: SNCH. Manufacturer: G-Pharma</td>
<td>Class IIA</td>
<td>G-Pharma</td>
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<tr>
<td>CIR-4,5*</td>
<td>CIRUS</td>
<td>Nano-hybride photopolymerizable composite. MD: Class IIA. Certificating Body: SNCH. Manufacturer: G-Pharma</td>
<td>Class IIA</td>
<td>G-Pharma</td>
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<tr>
<td>CIR-5*</td>
<td>CIRUS +</td>
<td>Flowable micro-hybride photopolymerizable composite. MD: Class IIA. Certificating Body: SNCH. Manufacturer: G-Pharma</td>
<td>Class IIA</td>
<td>G-Pharma</td>
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<tr>
<td>CIR-K</td>
<td>CIRUS FLOW</td>
<td>Core built-up material. MD: Class IIA. Certificating Body: SNCH. Manufacturer: G-Pharma</td>
<td>Class IIA</td>
<td>G-Pharma</td>
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<tr>
<td>CDB-10</td>
<td>CORE D - CORE D FLOW</td>
<td>Dual-curing core built-up material. MD: Class IIA. Certificating Body: SNCH. Manufacturer: G-Pharma</td>
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<td>CDB-25</td>
<td>CORE D SC</td>
<td>Self-curing core built-up material. MD: Class IIA. Certificating Body: SNCH. Manufacturer: G-Pharma</td>
<td>Class IIA</td>
<td>G-Pharma</td>
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<tr>
<td>CDSC-B-25</td>
<td>DUROC</td>
<td>Resin-based registration material, onplant transfer caps slinting. MD: Class IIA. Certificating Body: SNCH. Manufacturer: G-Pharma</td>
<td>Class IIA</td>
<td>G-Pharma</td>
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<td>CDSC-B-50</td>
<td>DUROC CLEAR</td>
<td>Resin to make surgical guides for implants. MD: Class IIA. Certificating Body: SNCH. Manufacturer: G-Pharma</td>
<td>Class IIA</td>
<td>G-Pharma</td>
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<td>CDSC-D-25</td>
<td>ELSOBRUSH Regular Size</td>
<td>Disposable dental applicators for accurate applications. MD: Class I. Manufacturer: G-Pharma</td>
<td>Class I</td>
<td>G-Pharma</td>
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<tr>
<td>CDSC-D-50</td>
<td>ELSOBRUSH Regular Size + dispenser</td>
<td>Disposable dental applicators for accurate applications. MD: Class I. Manufacturer: G-Pharma</td>
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<td>G-Pharma</td>
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<tr>
<td>C-0</td>
<td>ELSOCORD</td>
<td>Knitted retraction cord. MD Class I. Manufacturer: G-Pharma</td>
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<td>G-Pharma</td>
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<td>C-00</td>
<td>ELSOTEMP</td>
<td>Fluoridated temporary filling cement. MD: Class IIA. Certificating Body: SNCH. Manufacturer: G-Pharma</td>
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<td>G-Pharma</td>
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<td>C-1</td>
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<tr>
<td>ED-23-100</td>
<td>ENDONEEDLE</td>
<td>Canulas for root canal irrigation with a lateral opening and blunt end.</td>
<td>Class I</td>
<td>Manufacturer</td>
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<tr>
<td>ED23-30</td>
<td>FP</td>
<td>Root canal fibre posts.</td>
<td>Class IIA</td>
<td>SNCH</td>
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<tr>
<td>ED27-100</td>
<td>G-ETCH</td>
<td>Etching gel with 38% of phosphoric acid.</td>
<td>Class IIA</td>
<td>SNCH</td>
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<tr>
<td>ED27-30</td>
<td>G-ETCH JUMBO KIT</td>
<td>Etching gel with 38% of phosphoric acid.</td>
<td>Class IIA</td>
<td>SNCH</td>
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<tr>
<td>ED30-100</td>
<td>HARMONY Light Fast</td>
<td>Vinyl polysiloxane impression material.</td>
<td>Class I</td>
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<tr>
<td>ED30-30</td>
<td>HARMONY Light Normal</td>
<td>Vinyl polysiloxane impression material.</td>
<td>Class I</td>
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<tr>
<td>FP-3-*</td>
<td>HEALBOND</td>
<td>Dual curing two-components bonding agent.</td>
<td>Class IIA</td>
<td>SNCH</td>
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<tr>
<td>FP-5-*</td>
<td>HEALBOND DUO</td>
<td>Self-etching, dual cure bonding system.</td>
<td>Class IIA</td>
<td>SNCH</td>
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<tr>
<td>MET-24</td>
<td>HI-SEAL</td>
<td>Light-curing cavity liner.</td>
<td>Class IIA</td>
<td>SNCH</td>
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<tr>
<td>MET-6</td>
<td>HEMOSAL</td>
<td>Astringent gel 25% aluminium sulfate.</td>
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<td>SNCH</td>
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<tr>
<td>JKB-50</td>
<td>LIGHT LITE</td>
<td>LED light for polymerization (between 450 to 490 nm) by dental professionals.</td>
<td>Class I</td>
<td>Manufacturer</td>
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<tr>
<td>JRB/V-50</td>
<td>LIGHT LITE</td>
<td>LED light for polymerization (between 390 to 520 nm) by dental professionals.</td>
<td>Class I</td>
<td>Manufacturer</td>
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<tr>
<td>HLF-100</td>
<td>LIGHT LITE</td>
<td>Extra handle for the light.</td>
<td>Class I</td>
<td>Manufacturer</td>
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<td>HLF-20</td>
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<td>LED light for polymerization (between 450 to 490 nm) by dental professionals for brackets and veneers.</td>
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<td>HLF-20</td>
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<td>Mirror Tip (lamp head and screw ring - Mirror not included).</td>
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<td>HM-100</td>
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<td>NISICEM ORTHO</td>
<td>Orthodontic dual cement.</td>
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<td>OPAQ</td>
<td>Light-curing opaquer.</td>
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<td>MSG-2</td>
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<td>PRO-4</td>
<td>PROLUX</td>
<td>Multi-purpose prosthodontic introduction kit with Harmony medium, Seal Temp S, Core D et Phoenix A3, cf their own legal notices.</td>
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<td>PUR-3*</td>
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<td>Nano-hybrid, antero-posterior biocompatible composite.</td>
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