It is with real pleasure that I address you, dear practitioners, through this new catalogue, which shares with you our product information, illustrated with new clinical cases.

For more than 15 years, Itena Clinical has been working hard to bring you innovative products to make your practice easier. Our products come from our Research & Development department, which offers you the best solutions available, thanks to its work with surgeon-dentists and partner universities.

We also strive to help you incorporate innovation into your daily practice, so that you can take new developments in your stride. Today, in this “race for profitability”, the work of our R&D teams must focus on what is really useful to you and your patients.

All our teams, as you will understand, offer you quality products. Every day, millions of patients receive dental treatments, and our solutions are thus being “prescribed” at every moment of the day. We owe you quality not only because you trust us, but also because you entrust us, through your orders, with the smile of your patients.

And because, thanks to you, we have been very successful, I take this opportunity to thank you for your loyalty.

Looking forward to continuing our collaboration,

LIONEL DESCOQS,
Itena Clinical’s CEO.
**KLIRICH® PRO**

**Periodontal Gel**

**ADVANTAGES**

Unique combination of natural ingredients with exceptional properties: helps fight inflammations and stimulates healing.

**PATENTED FORMULA**

Technical data

Composition: Periodontal gel based principally on plant extracts with remarkable properties:
- Grapefruit seeds
- Calendula flowers
- Alchemilla leaves
- Curcumin
- Stevia extract
- Clove
- Hyaluronic acid
- Sodium carbonate

**INDICATIONS**

Patented oral gel made in France from natural ingredients. Klirich® Pro and Klirich® can address most of the problems of the oral cavity and gums. This gel is intended to be applied in adults’ oral cavities to fight inflammatory conditions such as gingivitis, bleeding, gingival recessions and gingival pockets. It is particularly recommended in cases of mucositis, ulceration, flap surgery (implants) and post-scaling.
CLINICAL CASES

PROTOCOL

Shake the Klirich Pro’s syringe to mix the ingredients well. Lock the specific periodontal soft application tip.

Apply a small quantity of gel to affected areas.

Massage for at least 15 seconds until well absorbed.

Keep in mouth for 15 seconds without massaging or swallowing.

Suck up and wait 15 seconds. Rinse the excess of gel with water.

PLAS’TIP
Ideal for cleaning periodontal pockets.
FIND IT PAGE 65

References

Klirich® Pro
2 syringes of KLIRICH Pro (3 ml) + 12 single use gingival applicator tips………………………………………………………………………………. KKLIRC2S

Tips
1- 20 soft applicators tips……………………………………………………………………………………………………. KLE-GV20
2- 20 bent periodontal tips……………………………………………………………………………………………………. KLE-PR20

Klirich®
1 KLIRICH pen (4 ml)……………………………………………………………………………………………………… KLI-RSTYL1
3 KLIRICH pen (4 ml)………………………………………………………………………………………………………. KLI-R-H3S

Gingival inflammation index

Photos by Dr. Adrien Garnier

Papilla inflammation Day 1

Papilla inflammation Day 2

Recession Day 1

Recession Day 2

Gingival bead Day 1

Gingival bead Day 2

Inflammation before treatment

Inflammation after treatment

Periodontal surgery for root coverage

Gingival bead Day 1

Gingival bead Day 2

Inflammation before treatment

Inflammation after treatment

Periodontal surgery for root coverage
**PREVENT SEAL**

**Self-etching light-cured pit & fissure sealant**

**ADVANTAGES**

- **Self-Etching:** No etching, no rinsing! A real time saver
- **Excellent bonding strength on enamel (20 - 25 MPa)** For a long-lasting seal
- **Contains fluorides**
- **Optimal fluidity** For perfect spreading into the pits and fissures
- **Light-curing** up to 4.5 mm
- **Supplied with:**
  - Pointed brushes: For easy cleaning of pits and fissures
  - Extra-fine needle tips: For precise and economical sealant application

**HINTS & TIPS**

- Instead of using small brushes, air abrasion can be used to thoroughly clean the tooth before applying the sealant. All alumina particles should be removed as these reduce the adhesion of Prevent Seal.
- The prepared surface must be thoroughly dried before Prevent Seal is applied, as the product is hydrophobic.
- Prevent Seal is a composite resin and is therefore compatible with all other available composites.
- Contains the photoinitiator camphorquinone. Use a curing light emitting between 400 and 500 nm.

**INDICATIONS**

- Use of the self-etching technique for the preventative sealing of pits on permanent teeth in patients that present a raised risk of developing cavities.
- For pits and fissures that are difficult to clean and therefore particularly sensitive to dental decay.

Sealing with Prevent Seal self-etching pit & fissure sealant enhances oral hygiene and offers protection to sensitive teeth surfaces by protecting them with a waterproof layer of resin, preventing the penetration of micro-organisms.

**References**

- Prevent Seal
  - 1.2 ml syringe
  - + 10 extra-fine needle tips 25G
  - + 3 pointed brushes ............................................................... PVSEAL-1.2

- Accessories
  - 20 extra-fine needle tips 25G .................................................. PVSE-25G
  - 15 autoclavable pointed brushes ............................................. PVBRO-15
**Comparative study of the sealing strength of 4 different materials** used for sealing pits and fissures.
IMEB Laboratory, Faculty of Dentistry Marseille, Dr. Elena Savi, Prof. Corinne Tardieu, Prof. Jacques Déjou

Average depth of sealant penetration into fissure

<table>
<thead>
<tr>
<th>Average depth of dye penetration into a fissure sealed with sealant</th>
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<tr>
<td>120</td>
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<tr>
<td>100</td>
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<td>40</td>
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<td>20</td>
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Average depth of sealant penetration into fissure

- **Score 3**: penetration of colourant into fissure itself
- **Score 2**: penetration reaching the internal area of sealed fissure
- **Score 1**: penetration limited to the exterior area of sealed fissure
- **Score 0**: dye

**CONCLUSION OF STUDY:**
Prevent Seal performances (i.e. penetration of sealant into pits and fissures and quality of peripheral seal) are equivalent to those of conventional sealants that require prior etching

**PROTOCOL**

1. **Clean using water spray brush**
2. **Air-dry**
3. **Apply Prevent Seal**
4. **Let stand for 15 seconds**
5. **Light-cure for 20 seconds**
6. **Occlusion control**

Photos by Dr. Shalom Mehler
RESTORATIVE DENTISTRY
When teeth are restored using glass-fiber posts, problems are rare and often repairable. By contrast, teeth restored using metal posts commonly present more significant fractures, often resulting in the loss of the tooth. *Standlee, 1988; Freeman, 1998*

**ADVANTAGES**

- Made of 80% unidirectional oriented glass-fiber embedded in 20% epoxy-resin.
- Mechanical and chemical retention thanks to the bond between the core build-up composite material and the glass-fiber post.
- Elastic behaviour similar to dentin. A favourable relationship between tooth constraint and deformation, thanks to a homogeneous distribution of the mechanical constraints.
- Perfect aesthetic.
- High radiopacity (232% Al).
- Biocompatible.
- No risk of corrosion or colouration.
- Compatible with Dentoclic drills.

**ELASTICITY MODULUS**

- DentoClic glass-fiber post: 23 GPa
- Dentine: 15 GPa
- Gold: 78 GPa
- Titanium: 114 GPa
- Steel: 200 GPa
- Zirconium oxide: 200 GPa
1. Select the glass-fiber post and matching drill using the calibrating gauge on the drill.

2. Prepare the canal with a Gates or a Largo drill.

3. Prepare the canal with the calibrated cylindro-conical drill.

4. Try the glass-fiber post for size.

5. Cut the post perpendicularly with a disc or a cutting plier. Store in alcohol until bonding.

6. Apply the bonding (Iperbond Ultra or QuickBond) to the glass-fiber post and surfaces according to the instructions for use.

7. Coat the post with core build-up (DentoCore/DentoCore Body), then inject the core build-up into the canal. Fill a matrix with DentoCore/DentoCore Body.

8. Remove the matrix and shape.

See p. 23 for the complete clinical procedure “Corono-radicular restoration kit.”

**INDICATIONS**
- Optimal aesthetic solution for prosthetic restorations
- Single ceramic restorations incorporating glass-fiber posts in the laboratory
- Corono-radicular restorations with glass-fiber post

**Technical data**
- Flexural strength: 857 MPa
- Radiopacity: >3 mm Al

**HINTS & TIPS**
To increase the chemical bond between glass fiber and adhesive, apply Silane to the surface and dry thoroughly before applying adhesive.

How to remove a glass-fiber post
1. Remove the composite in order to gain access to the relevant post.
2. Make an initial hole at the location of the fiber post.
3. Use either a diamond-tipped, sonic or ultra-sonic insert without water, or a suitable drill, to delaminate the fiber and reveal the canal under the restoration.

**References**
Kit of 20 glass-fiber posts
- Ivory (6 purple + 6 white + 4 yellow + 4 red) + 1 driver drill, 4 cylindro-conical reamers, 1 manual wrench, 1 gauge... KFV020
- Translucent (6 purple + 6 white + 4 yellow + 4 red) + 1 driver drill, 4 cylindro-conical reamers, 1 manual wrench, 1 gauge... KFVT20

Refill packs of 5 glass-fiber posts
- Ivory
  - 1 mm
  - 1.2 mm
  - 1.3 mm
  - 1.4 mm
- Translucent
  - 1 mm
  - 1.2 mm
  - 1.3 mm
  - 1.4 mm

In comparison to other systems such as post-and-core, the clinical value of this type of restoration lies in the ease of removal.
STEEL AND BURN-OUT POSTS

DENTOCCLIc

DENTOCLIc REPOSITIONING SYSTEM
The original DentoClic head imprints a double-dip shape in the impression material. It locks the post in place with a click and allows an ulterior repositioning if necessary.

CYLINDRO-CONICAL STAINLESS STEEL AND BURN-OUT POSTS
The burn-out post has a slightly smaller diameter than the steel post to compensate for the volumetric variations of materials used in the laboratory.

References

<table>
<thead>
<tr>
<th>20 cylindro-conical stainless steel posts refill</th>
<th>40 cylindro-conical burn-out posts refill</th>
<th>100 cylindro-conical burn-out posts refill</th>
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<td>L = long length</td>
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CONICAL STAINLESS STEEL AND BURN-OUT POSTS

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<td>CIV20-14</td>
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Deep notch for optimum retention
2/3 cylindrical and 1/3 conical for an optimum fit with the physiological shape of the root canal

STEEL:
Stainless steel for medical use

PLASTIC:
Food grade polystyrene used. Intended for quick combustion with no waste

A ‘8 shape figure’ head for a “double clicking” effect ensuring good imprint repositioning

Calibrating gauge: match the post easily to the correct drill, thanks to the colour-coded system
### References

<table>
<thead>
<tr>
<th>Cylindro-conical stainless steel lock refills</th>
<th>20 cylindro-conical burn-out lock refills</th>
<th>Conical lock refills</th>
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<tr>
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<td>10 adaptable stainless steel locks, lg 23 mm, ø 1.8</td>
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<td>DCLAIA-10</td>
<td>DCLA-20</td>
<td>CCLA10</td>
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<td>DCLACN-20</td>
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### Cylindro-conical prosthesis kit

- 8 burn-out posts + 8 long burn-out posts + 3 burn-out locks
- 20 burn-out posts + 20 long burn-out posts + 5 burn-out locks
- 20 burn-out posts + 20 long burn-out posts + 5 burn-out locks
- 8 burn-out posts + 3 burn-out locks
- 8 burn-out posts + 2 burn-out locks
- 8 burn-out posts + 2 burn-out locks

**KDLAB135**

### Conical prosthesis kit

- 35 burn-out posts
- 35 burn-out posts
- 20 burn-out posts
- 20 burn-out posts
- 15 burn-out posts
- 10 burn-out posts
- 5 burn-out posts
- 5 burn-out posts
- 10 conical burn-out locks

**KCLAB130**
## OUR KITS

### PREMIUM Kit
- **Cylindro-conical posts**
  - 10 steel + 10 burn-out
  - 20 steel + 20 burn-out
  - 20 long steel + 20 long burn-out
  - 20 steel + 20 burn-out
  - 15 long steel + 15 long burn-out
  - 15 steel + 15 burn-out
  - 1 driver drill Ø 0.95 mm
  - 6 cylindro-conical reamers
  - 1 manual wrench + 1 calibrated gauge

### EXCELLENCE Kit
- **Cylindro-conical posts**
  - 10 steel + 10 burn-out
  - 40 steel + 40 burn-out
  - 40 steel + 40 burn-out
  - 25 steel + 25 burn-out
  - 8 steel + 8 burn-out
  - 2 steel + 2 burn-out
  - 1 driver drill Ø 0.95 mm
  - 6 cylindro-conical reamers
  - 1 manual wrench + 1 calibrated gauge

### CONICAL Kit
- **Conical posts**
  - 40 steel + 40 burn-out
  - 25 steel + 25 burn-out
  - 10 steel + 10 burn-out
  - 8 steel + 8 burn-out
  - 2 steel + 2 burn-out
  - 1 driver drill Ø 0.90 mm
  - 2 cylindro-conical reamers n°1
  - 2 cylindro-conical reamers n°2
  - 1 manual wrench + 1 calibrated gauge

### PERFORMANCE Kit
- **Cylindro-conical posts**
  - 10 steel + 10 burn-out
  - 40 steel + 40 burn-out
  - 40 steel + 40 burn-out
  - 25 steel + 25 burn-out
  - 8 steel + 8 burn-out
  - 2 steel + 2 burn-out
  - 1 driver drill Ø 0.75 mm
  - 6 drills Performance reamers
  - 1 manual wrench + 1 calibrated gauge
**Sanded Titanium**

**Cylindro-Conical Posts**

**ADVANTAGES**

- **Increased mechanical retention** due to the sand-blasted titanium surface
- **Guaranteed biocompatibility**
- **Colour-coded** by diameter of posts
- **White, yellow and red** in colour, with 2 different lengths per diameter
- **DentoClic system cylindro-conical reamers included**

**DETAIL**

- Direct restoration of posterior teeth

---

**Technical data**

- **Grade 5 titanium** conforms with the ISO 5832-3 and ASTM F136 standards (biocompatibility standards for surgical implant applications)
- **Arithmetic roughness** (Ra): 0.7 - 1 microns
- **Total roughness** (Rt): 7 - 10 microns

**References**

**TITANIUM kit** Sanded Titanium Posts  KTI-75

- 6 posts + 6 long posts
- 15 posts + 10 long posts
- 7 posts
- 3 posts
- 1 driver drill ø 0.95 mm
- 6 cylindro conical reamers
- 1 manual wrench + 1 calibrated gauge

**20 sanded titanium post refills**

<table>
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<tr>
<th>lg</th>
<th>ø 9.6 mm</th>
<th>ø 1.2 mm</th>
<th>L</th>
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<td>11.5 mm</td>
<td>ø 1.2 mm</td>
<td>L</td>
</tr>
<tr>
<td>lg</td>
<td>9.6 mm</td>
<td>ø 1.3 mm</td>
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<tr>
<td>lg</td>
<td>17.6 mm</td>
<td>ø 1.7 mm</td>
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L = long length
DRILLS AND REAMERS

CYLINDRO-CONICAL REAMERS
for shaping the canal to the dimensions of the cylindro-conical post. Moderate reaming with complete security.

For use with:
- Stainless steel and burn-out posts
- Glass-fiber posts
- Titanium posts

PERFORMANCE REAMERS
higher cutting capacity owing to its straight blades, sharp edges, working tip and high degree of sharpness.

For use with:
- Stainless steel and burn-out posts
- Glass-fiber posts
- Titanium posts

CONICAL REAMERS
for reaming the canal to the dimensions of a conical post

For use with yellow, orange & red conical posts
For use with green, blue & purple conical posts

DRIVER DRILLS
for locating the canal axis in an endodontic treatment

GATES DRILLS
for enlarging the root canal opening

LARGO/PEESO DRILLS
for enlarging the root canal walls

References

<table>
<thead>
<tr>
<th>Cylinder-conical reamer refill (x4)</th>
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<tbody>
<tr>
<td>ø 1.0 mm</td>
<td>DFV4-010</td>
</tr>
<tr>
<td>ø 1.2 mm</td>
<td>DFJ4-012</td>
</tr>
<tr>
<td>ø 1.3 mm</td>
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<tr>
<td>ø 1.4 mm</td>
<td>DFJ4-115</td>
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<td>ø 1.2 mm</td>
<td>FPFA-1.2</td>
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<td>FPJF-1.3</td>
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<td>ø 1.4 mm</td>
<td>FPFR-1.4</td>
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<td>ø 1.5 mm</td>
<td>FPFB-1.5</td>
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<td>ø 1.6 mm</td>
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<td>CF4-01</td>
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<td>N°2 ø 0.90 - 2 grooves</td>
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<td>Mix 2 N°1 + 2 N°2</td>
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<td>FP-090</td>
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<td>FP-095</td>
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<tr>
<td>ø 1.05 - 4 grooves</td>
<td>FP-105</td>
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<td>FG1-28</td>
</tr>
<tr>
<td>ø 0.70 - 2 grooves</td>
<td>FG2-28</td>
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<tr>
<td>ø 0.90 - 3 grooves</td>
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<td>ø 1.10 - 4 grooves</td>
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<td>ø 1.30 - 5 grooves</td>
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<td>FG1-32</td>
</tr>
<tr>
<td>ø 0.70 - 2 grooves</td>
<td>FG2-32</td>
</tr>
<tr>
<td>ø 0.90 - 3 grooves</td>
<td>FG3-32</td>
</tr>
<tr>
<td>ø 1.10 - 4 grooves</td>
<td>FG4-32</td>
</tr>
<tr>
<td>ø 1.30 - 5 grooves</td>
<td>FG5-32</td>
</tr>
<tr>
<td>ø 1.50 - 6 grooves</td>
<td>FG6-32</td>
</tr>
<tr>
<td>ø mixed</td>
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<td>FL2-28</td>
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<tr>
<td>ø 1.10 - 3 grooves</td>
<td>FL3-28</td>
</tr>
<tr>
<td>ø 1.30 - 4 grooves</td>
<td>FL4-28</td>
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<td>ø 1.50 - 5 grooves</td>
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<td>FL1-32</td>
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<tr>
<td>ø 0.90 - 2 grooves</td>
<td>FL2-32</td>
</tr>
<tr>
<td>ø 1.10 - 3 grooves</td>
<td>FL3-32</td>
</tr>
<tr>
<td>ø 1.30 - 4 grooves</td>
<td>FL4-32</td>
</tr>
<tr>
<td>ø 1.50 - 5 grooves</td>
<td>FL5-32</td>
</tr>
<tr>
<td>ø 1.70 - 6 grooves</td>
<td>FL6-32</td>
</tr>
<tr>
<td>ø mixed</td>
<td>FLASSORT-32</td>
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</table>
I-POST TITANIUM
Titanium Grade 4 conforms to the standards ISO5832-3 and ASTM F136 (biocompatibility standards for applications of surgical implants)

I-POST STAINLESS STEEL
Same stainless steel as used in surgical instruments or for food use, offering an ideal resistance against corrosion

The combined use of drill and I-Post is designed for a passive use to avoid all stress on the root after treatment

The morphology of the I-Post is designed to respect the profile of the tooth root (ogival end)

References

<table>
<thead>
<tr>
<th>Metallic post kit</th>
<th>Stainless steel</th>
<th>Titanium</th>
</tr>
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<tr>
<td>Kit of 120 metallic posts with reamers</td>
<td>KSPFIX-126</td>
<td>KSPFT-126</td>
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<tr>
<td>Kit of 120 metallic posts without reamers</td>
<td>KSPIX-120</td>
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Accessories

1 Square key
CLE-CARREE

1 Cross-head key
CLE-CROIX

20 Stops
BRSP-20

Screw posts refills

<table>
<thead>
<tr>
<th>Length</th>
<th>Stainless steel</th>
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<tbody>
<tr>
<td>Ø 1.05</td>
<td>SPIX-8.1A</td>
<td>SPT-8.1A</td>
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<tr>
<td>Ø 1.20</td>
<td>SPIX-8.2J</td>
<td>SPT-8.2J</td>
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<tr>
<td>Ø 1.35</td>
<td>SPIX-8.3R</td>
<td>SPT-8.3R</td>
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<tr>
<td>Ø 1.50</td>
<td>SPIX-8.4B</td>
<td>SPT-8.4B</td>
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<tr>
<td>Ø 1.65</td>
<td>SPIX-8.5V</td>
<td>SPT-8.5V</td>
</tr>
<tr>
<td>Ø 1.80</td>
<td>SPIX-8.6N</td>
<td>SPT-8.6N</td>
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<td>SPT-12.1A</td>
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<td>SPIX-12.2J</td>
<td>SPT-12.2J</td>
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<td>Ø 1.35</td>
<td>SPIX-12.3R</td>
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<td>SPIX-12.4B</td>
<td>SPT-12.4B</td>
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<td>Ø 1.80</td>
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<td>SPT-14.4B</td>
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<tr>
<td>Ø 1.80</td>
<td>SPIX-14.6N</td>
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Drills for screw-posts ITENA

<table>
<thead>
<tr>
<th>Box of 3 drills Ø</th>
<th>Short</th>
<th>Long</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSPC-1A</td>
<td>FSPC-2J</td>
<td>FSPC-3R</td>
</tr>
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</table>
DENTOCORE body

Core build-up and post cementation composite material

ADVANTAGES

Dual polymerisation (self- and light-curing)
- Curing guaranteed, even in the areas which are unreachable with the LED curing unit light.
- Elastic phase allows an easy removal of excess material

Based on hyperbranched polymers technology
Enhanced mechanical properties of conventional Bis-GMA composite

Excellent radiopacity

Excellent compressive strength for long-lasting restorations

Low polymerisation shrinkage
Better marginal adaptation

Firm consistency for easier handling without condensation

INDICATIONS

- Core build-up
- Cementation of glass-fiber post

Technical data Body

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Compressive strength</td>
<td>250 MPa</td>
</tr>
<tr>
<td>Linear shrinkage</td>
<td>1.2%</td>
</tr>
<tr>
<td>Flexural strength</td>
<td>200 MPa</td>
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<tr>
<td>Diametral tensile strength</td>
<td>40 MPa</td>
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<tr>
<td>Water absorption</td>
<td>2 μg/mm3</td>
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<tr>
<td>Working time</td>
<td>1 min 30 - 3 min 30</td>
</tr>
<tr>
<td>Auto set time</td>
<td>2 min 30 - 4 min 30</td>
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<tr>
<td>Radiopacity</td>
<td>400 % Al</td>
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</table>

References DentoCore Body

DentoCore Body A3 shade
1 x 50 g cartridge
+ 25 mixing tips
+ 25 intra-oral tips
DCBODY50

DentoCore Body Automix
1 x 5 ml syringe A3
+ 10 mixing tips
+ 10 fine intra-oral tips
+ 10 extra-fine intra-oral tips
DABODY1-10

DentoCore Body Automix - Value Pack
3 x 5 ml syringes A3
+ 30 mixing tips
+ 30 fine intra-oral tips
+ 30 extra-fine intra-oral tips
DABODY3-VP

Fine intra-oral mixing tips
Refill of 25 mixing tips + 25 intra-oral tips
DTA

Dispensing Gun for Cartridge
DCP
Excellent viscosity balance (not too viscous not too liquid) for a better penetration in cracks

**References**

**DentoCore Automix**
- 1 x 5 ml syringe A3
- + 10 mixing tips
- + 10 fine intra-oral tips
- + 10 extra-fine intra-oral tips .................................................. DCSAK1

**DentoCore Cartridge**

**DentoCore White shade**
- 1 x 50 g cartridge
- + 25 mixing tips
- + 25 intra-oral tips .............................................................. DCB-50

**DentoCore A3 shade**
- 1 x 50 g cartridge
- + 25 mixing tips
- + 25 intra-oral tips .............................................................. DCA3-50

**DentoCore**

**Advantages**

- Use with composite, glass ionomer cements, pattern acrylic
- Fit the natural anatomy of the tooth
- Available in several sizes
- **Light-curable**
- Conical, for a better result

**Hints and Tips**

For easy removal of the matrix once the core has been cured, make a hole in the top of the matrix with a dental scaler. Pass the scaler through the hole underneath the surface of the matrix.
This action will release the air-seal between the matrix and the restoration and will ensure the matrix comes off easily.

**References**

**10 matrix kit**
- Ø 4 mm ............................................................. MCA10-4
- Ø 6 mm ............................................................. MCA10-6
- Ø 7 mm ............................................................. MCA10-7
- Ø 8 mm ............................................................. MCA10-8
- Ø 10 mm ........................................................... MCA10-10
- Ø 12 mm ........................................................... MCA10-12

**Matrix kit**
- 36 cones of 6 different diameters ......................................... MCAC36
CORONO-RADICULAR
RESTORATION KIT

Direct restoration with glass-fiber posts

ADVANTAGES

- All materials and accessories in one kit for any glass-fiber post restoration
- Guaranteed compatibility
- Clinical procedure approved by the foremost French universities
- Assured success for any corono-radicular restoration

DENTOCYCIC translucent glass-fiber post kit
20 cylindro-conical posts
6 purple Ø1 mm,
6 white Ø1.2 mm,
4 yellow Ø1.3 mm,
4 red Ø1.4 mm
+ 4 DentoClic matching reamers
+ 1 driver drill
+ 1 manual wrench
+ 1 gauge

Core build-up
DENTOCORE BODY
5ml syringe
shade A3
+ 10 mixing tips
+ 5 fine intra-oral tips
+ 5 extra-fine intra-oral tips

Silane SILANE
1.2ml syringe
+ 3 needle tips

Etching gel
DENTOETCH
2 syringes (1.2ml)
+ 6 tips

IPERBOND ULTRA adhesive 5ml bottle
+ IPERBOND ULTRA ACTIVATOR
chemo-activator 3ml bottle
+ 50 conical micro-applicators
+ 1 mixing pad

Kit of 36 matrices of various diameters

Reference
Itena Kit ........................................................................................MARED
For further information, please refer to:
• Glass-fiber posts, page 12
• Iperbond Ultra, page 28
• DentoCore Body, page 20
HINTS AND TIPS
For thorough cleaning of the root canal, use Irrigatys (p. 40) after cleaning with EDTA.
In cases where extensive loss of tooth tissue may lead to bonding difficulties, consider post-and-core or indirect-method coronoradicular glass-fiber. Speak to your dental technician.
REFLECTYS
Anterior and posterior universal composite

ADVANTAGES

- True mimesis: true reflection of natural teeth
- Remarkable mechanical properties: optimal resistance to abrasion, compression and fracture
- Invisible restoration: perfect integration of the composite. Invisible joints
- Exceptional aesthetic quality after polishing
- Easy to handle: Does not stick to instruments & gloves. Quick to sculpt, easy to polish
- For simple cases and complicated clinical situations: stratification possible
- Light-curing
- Low polymerisation shrinkage: better marginal adaptation

INDICATIONS

Restoration of both posterior teeth with important mastication constraints and anterior teeth which need a high-level aesthetic finish
- All classes (I to V)
- Shape and colour corrections
- Fractured teeth
- Restoration of milk teeth

16 shades available

Technical data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Layer - Advised curing time 20s (LED)</td>
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<tr>
<td>Compressive strength</td>
<td>307 MPa</td>
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<td>Flexural strength</td>
<td>164 MPa</td>
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<td>Film thickness</td>
<td>8.2 μm</td>
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<td>Absorption</td>
<td>23.1 μg/mm³</td>
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<tr>
<td>Water solubility</td>
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<td>Shrinkage rate</td>
<td>2.20%</td>
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<tr>
<td>Radiopacity</td>
<td>220%</td>
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Restoration Kit

Stratification kit

Syringe or capsule
- 4g syringe
- 0.25g capsule
Cavity X-ray on the 36.

Initial situation before treatment. Occlusal cavity on the first left lower molar.

Treatment of the cavity

Etching in the enamel for 30 s and on the dentine with DENTOETCH for 15 sec.

Rinse for 15 sec and dry the cavity until the surface appears white and chalky.

Application of the bonding Iperbond Ultra for 20 sec. Then soft air spray for 5 sec. Repeat the operation a second time. Light-curing for 20 sec + 20 sec.

Application of a thin layer of IONOCEM (Ionomer cement): sandwich technique.


Two application of Reflectys shade A2. Light-curing during 20 sec each time.

Application of Reflectys Enamel shade in thin layer. Light-curing for 20 sec.

Glycerin layer and light-curing for 20 sec.

Result after treatment and complete rehydration.

---

**References**

<table>
<thead>
<tr>
<th>1 syringe (4g) + 1 spatula</th>
<th>20 capsules (0.25g)</th>
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<tbody>
<tr>
<td>A1</td>
<td>SRTYS-A1</td>
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<tr>
<td>A2</td>
<td>SRTYS-A2</td>
</tr>
<tr>
<td>A3</td>
<td>SRTYS-A3</td>
</tr>
<tr>
<td>A3.5</td>
<td>SRTYS-A3.5</td>
</tr>
<tr>
<td>A4</td>
<td>SRTYS-A4</td>
</tr>
<tr>
<td>B1</td>
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<tr>
<td>B2</td>
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**Shade for stratification**

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<td>SRTYS-I</td>
<td>CPTYS-I</td>
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<td>Pedo</td>
<td>SRTYS-P</td>
<td>CPTYS-P</td>
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<td>Opaque A2</td>
<td>SRTYS-A20</td>
<td>CPTYS-A20</td>
</tr>
<tr>
<td>Opaque A3</td>
<td>SRTYS-A30</td>
<td>CPTYS-A30</td>
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</tbody>
</table>

**Reflectys Kits**

**Restoration kit**

for everyday restorations

4 Reflectys syringes (A2, A3, A3.5, B2) + 1 bonding Iperbond Ultra

KTYS-4.1B

**Stratification kit**

for the most delicate and aesthetic cases

7 Reflectys syringes (A1, A2, A3, Opaque A2, Opaque A3, Enamel, Incisal) + 1 bonding Iperbond Ultra + 1 etching gel DentoEtch

KTYS-7.2BE
**Universal fluid composite**

**INDICATIONS**
- Filling of minor invasive treatments with or without carious lesions
- Surface fillings of Class I, III and V
- Sandwich technique combines layers of high viscosity composite materials
- Marginal repairs to current composite fillings or inlays
- Cementation of retainers
- Reinforcement of teeth after traumatic event or with weakened periodontium

**HINTS & TIPS**
*Ensure a better seal during the placing of a composite!*
After filling undercut areas with the Flow, insert a layer of non-polymerised flow composite before starting the setting process. When the composite is tamped, the flow will rise up the tooth walls, ensuring a better seal.

**Technical data**
- Layer - Advised curing time 20 sec (LED) ....................................2 mm
- Depth of curve .............................................................................2.54 mm
- Compressive strength ..............................................................250 MPa
- Flexural strength .....................................................................120 MPa
- Shrinkage rate ...........................................................................3.70%

**References**

<table>
<thead>
<tr>
<th>2g syringe + 10 tips ø 0.9 mm</th>
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</thead>
<tbody>
<tr>
<td>A1</td>
</tr>
<tr>
<td>A2</td>
</tr>
<tr>
<td>A3</td>
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<tr>
<td>A3.5</td>
</tr>
<tr>
<td>B2</td>
</tr>
<tr>
<td>B3</td>
</tr>
</tbody>
</table>

**ADVANTAGES**

- Excellent thixotropy: flows perfectly under pressure but stays in the cavity
- Fortified with nano-particles for an exceptional resistance to abrasion
- High aesthetic result: easy to polish, durable sheen, long-lasting shade
- Radiopaque
- Contains fluorides
- Light-curing
- Low polymerisation shrinkage
- The sheen of natural teeth

**IDEAL FOR HARD TO ACCESS AREAS**

**REFLECTYS FLOW**

- Excellent thixotropy: flows perfectly under pressure but stays in the cavity
- Fortified with nano-particles for an exceptional resistance to abrasion
- High aesthetic result: easy to polish, durable sheen, long-lasting shade
- Radiopaque
- Contains fluorides
- Light-curing
- Low polymerisation shrinkage
- The sheen of natural teeth

- Technical data
  - Layer - Advised curing time 20 sec (LED) ....................................2 mm
  - Depth of curve .............................................................................2.54 mm
  - Compressive strength ..............................................................250 MPa
  - Flexural strength .....................................................................120 MPa
  - Shrinkage rate ...........................................................................3.70%

- References
  - 2g syringe + 10 tips ø 0.9 mm
  - A1 FWTYS-A1
  - A2 FWTYS-A2
  - A3 FWTYS-A3
  - A3.5 FWTYS-A3.5
  - B2 FWTYS-B2
  - B3 FWTYS-B3
FIXING A BRACE

1. Initial view
2. Etching
3. Bonding application
4. Light-curing
5. Splint set up
6. Reflectys flow application
7. Light-curing
8. Final view

CHEEK RETRACTOR

Fully adjustable cheek-retractor providing a wide operating field

Adjustable to fit any mouth
One size fits all
Ideal for fitting brackets or veneers; for whitening, descaling or restorations

Excellent access to anterior and posterior teeth

Autoclavable up to 134° C

References
Set of 2 panoramic cheek retractors EJP-2BT
**Universal adhesive**

**ADVANTAGES**

- Excellent results: **reliable adhesion** to enamel and dentine
- **Low evaporation**: no acetone solvent for better consistency
- Quick to apply: **only one coat** in self-etch mode
  - Reduces the risk of human error
- Very thin interface to prevent microleakage
- Excellent marginal adaptation to both enamel and dentin
- Helps to prevent the formation of bacterial biofilm

**IMPLEMENTATION**

- Iperbond Ultra becomes **self-curing** when mixed with IPERBOND ULTRA ACTIVATOR

**HINTS & TIPS**

*Ideal for pediatric cases and in cases of pulpal proximity without reactive dentine*

**References**

<table>
<thead>
<tr>
<th>Iperbond Ultra</th>
<th>IPBDUL-5</th>
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<tbody>
<tr>
<td>Micro-applicators</td>
<td></td>
</tr>
<tr>
<td>Blue conical</td>
<td>ACB-50</td>
</tr>
<tr>
<td>Green conical</td>
<td>ACV-50</td>
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<tr>
<td>Spherical</td>
<td>ASR-50</td>
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**Bonding Strength**

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<th>On enamel</th>
<th>On dentine</th>
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<tbody>
<tr>
<td><strong>Total-Etch mode</strong></td>
<td>30.9 MPa</td>
<td>29.1 MPa</td>
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<tr>
<td><strong>Self-Etch mode</strong></td>
<td>27.6 MPa</td>
<td>27.9 MPa</td>
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</tbody>
</table>

**INNOVATION PATENTED FORMULA**
PROTOCOL

1. (Optional) Etch enamel and/or dentine for 10 sec max. Rinse for 15 sec

2. Apply Iperbond Ultra and distribute evenly for 20 sec

3. Air-dry for 5 sec

4. (with previous etching) Apply the mixture for a second time for 5 sec then air-dry for 5 sec

5. Light-cure for 20 sec

For areas which are unreachable with a LED curing unit, mix equal quantities of Iperbond Ultra and Iperbond Ultra Activator. Proceed with steps 2, 3, 4.

IPERBOND ULTRA ACTIVATOR

Chemical activator for Iperbond ultra

ADVANTAGES

- Makes Iperbond Ultra self-curing
- Ideal for areas that are unreachable with a LED curing unit
- Ideal for glass-fiber post bonding

Reference
Iperbond Ultra Activator
3 ml bottle ........................................... IPBACTUL-3
**QUICKBOND**

**2 step self-etching bonding system (SAM2)**

**ADVANTAGES**

- 2 step self-etching bonding system comprising an acidic water-based self-etching primer and a light-cured adhesive
- Delivers high bonding values to both dentine and enamel
- Dissolves the smear layer, penetrates the tubules and peritubular dentine, forms resin tags
- If applied to enamel, the Primer leaves an extensive area of micro-porosities, leading to improved enamel bonding
- No post-operative sensitivity
- Can be used with the Itena Bond Activator, to make the bonding agent self-curing. Ideal for areas which are unreachable with a LED curing unit

**INDICATIONS**

- Composite restaurations with direct technique
- Bonding of all filling materials, dual-core build-up, compomers, resin cements, crowns, bridges, inlays and onlays
- Large posteriors restorations using DentoEtch to etch the uneven margins (p.33)

**References**

**QuickBond Kit**

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ml of Prime “A”, 10 ml of Bond “B”</td>
<td>DBQAK</td>
</tr>
<tr>
<td>+ 1 mixing pad</td>
<td></td>
</tr>
<tr>
<td>+ 50 blue micro-applicators</td>
<td>ACB-50</td>
</tr>
<tr>
<td>+ 50 green micro-applicators</td>
<td>ACV-50</td>
</tr>
<tr>
<td>+ 50 spherical micro-applicators</td>
<td>ASR-50</td>
</tr>
</tbody>
</table>

**QuickBond Prime -A-**

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ml bottle</td>
<td>DBQAP-10</td>
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</tbody>
</table>

**QuickBond Prime -B-**

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ml bottle</td>
<td>DBQAB-10</td>
</tr>
</tbody>
</table>

**Micro-applicators**

<table>
<thead>
<tr>
<th>Type of Applicator</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 blue conical micro-applicators</td>
<td>ACB-50</td>
</tr>
<tr>
<td>50 green conical micro-applicators</td>
<td>ACV-50</td>
</tr>
<tr>
<td>50 spherical micro-applicators</td>
<td>ASR-50</td>
</tr>
</tbody>
</table>
**protocol**

1. Apply 3 successive layers of QuickBond PRIME on the tooth surface.

2. Let stand for 5 sec.

3. Remove solvents with a gentle spray of air.

4. Air-dry strongly.

5. Apply 2 successive coats of QuickBond BOND.

6. Remove solvents with a gentle spray of air.

7. Air-dry strongly.

8. Light-cure for 20 sec.

For the bonding of self-curing or dual composites or for areas which are unreachable with a LED curing unit, combine equal drops of **Bond Activator** with QuickBond BOND on a mixing pad, mix for 2 sec and proceed with steps 5, 6 and 7.

**Bond Activator**

Chemical activator for QuickBond

**Advantages**

- Ideal for areas which are unreachable with a LED curing unit
- Ideal for glass-fiber post bonding

**Reference**

Bond Activator

Bottle of 7 ml... DBAC-7
C-RAM BOOSTER

**Primer for ceramics**

**ADVANTAGES**

- **Repair** of metal-ceramic or ceramic crowns, veneers, inlays-onlays in ceramic
- **Primer for all ceramic surfaces**
- No sandblasting, no etching needed
- Can be used on zirconia, porcelain, glass ceramics and metal ceramics
- Ideal surface coverage

**MAIN STRENGTH:**
Considerably improves adhesion between ceramic surfaces and resin materials

**DETAILS/USE**
- Preparation of ceramic crowns, veneers and inlays prior to cementation
- Preparation of fractured ceramic restorations for repair with resin material

**PROTOCOL**

1. Pre-operative view of a fractured ceramics bridge
   - Clean the surface with alcohol or acetone and dry
     **Brush & alcohol** + 20 sec

2. Open the **C-Ram Booster** bottle and put 1 or 2 drops on a mixing pad. Close the bottle immediately.

3. Apply **C-Ram Booster** generously to the ceramic surfaces using a micro-brush
   **Brush & C-Ram Booster**

4. Wait 2 min and air-dry 20s

5. **OPTION**: For complex fractures, apply our adhesive Iperbond Ultra

6. Repair the bridge with our composite Reflectys

7. Post-operative view of the repaired bridge

**SILAN-IT**

**Silane**
Silane is a cross-linking agent used to improve adhesion

**ADVANTAGES**
- Silan-it reacts with mineral surfaces (such as glass or ceramic) via a condensation reaction
- Silan-it also reacts with organic polymer surfaces (such as epoxy resin, polyester resin or methacrylate resin) initiating an additional reaction and/or copolymerization by reacting with terminal chemical groups and bonding with free radicals
- Silanization improves adhesion and resistance to hydrolysis
- Silanization increases mechanical resistance

**References**

Silan-it
5 ml Bottle............................................................................................................. SILAN-IT

**C-Ram Booster**
5 ml Bottle ............................................................................................................. CRAMBST5

**Silan-it**
5 ml Bottle ............................................................................................................. SILAN-IT
DENTOETCH

37% phosphoric acid etching gel

**ADVANTAGES**
- Tips can be angled to enable easy and accurate placement of the gel even in distal and lingual preparations.
- Perfect consistency: not too viscous, not too liquid.
- Stays in place, does not leak.
- Washes off quickly and easily.
- Economic packaging with filling syringes.
- Easy-to-use syringe with disposable tips.

References
- Etching gel
  - 4 x 1.2 ml syringes + 8 needle tips: DE-4.12
  - 1 x 50 ml syringe + 5 empty 1.2 ml syringes: DETCH-VP
- DentoEtch tips
  - 20 needle tips: DEA-20

CERAM-ETCH

9% buffered hydrofluoric acid gel

**ADVANTAGES**
- Preparation of fractured ceramics or metal ceramics.
- Preparation of ceramic crowns, veneers and inlay surfaces prior to cementation.
- Etching ceramics of all types to make a micro-porous surface which gives a strong mechanical interlock with composite resin materials.
- Stays in place.

References
- Ceram Etch
  - 2 x 1.2 ml syringes + 4 tips: CRAM-ETCH

**Technical data**
- Hydrofluoric acid: 9%
- Water: 90%
- Thickening agent: 1%
PROVITEMP

Short term temporary cement

ADVANTAGES

- **Easy to use**
- **Eugenol free**
  - Resin-based formula for a better compatibility with permanent cement
- **Resistant to deformation** from chewing
- **Perfectly watertight cementation**
- **Dentine shade** for a perfect aesthetic result
- **No exothermic reaction**
- **Contains fluorides**
- **Radiopaque**
- **Easy excess removal**, no residues
- **Very easy clean-up** of the temporary prosthesis after removal

INDICATION

Temporary cement for
- Crowns & bridges
- Inlays & onlays
- Temporary trials of permanent restorations

References

**ProviTemp Automix syringe**
5 ml syringe + 10 mixing tips.................................................. PTEMP1-10

**ProviTemp mixing tips**
20 mixing tips for Automix syringe ........................................... DTEM-20

PROTOCOL

1. Inject ProviTemp into the temporary restoration: Working time 1.5-3.5 mins
2. Set the restoration and hold firmly in place. Initial gel setting occurs between 1.5-2 min after placement
3. Remove the excess. Final setting: 2.5-3 mins
TEMPORARY CEMENTATION

DENTOTEMP

Long term temporary cement designed for implants

ADVANTAGES

- Ideal for implants
- Eugenol free. No interference with permanent cements
- High bonding strength, but easy removal
- Leaves perfectly healthy gingiva after removal of the temporary crown
- It comes off in one block without leaving debris when the temporary crown or prosthesis is removed. Huge time saving compared with other cements
- Rebasings and cementation in one stage
- Can be used on living teeth
- Thin film (10 μm) high aesthetic result
- Radiopaque
- Self-cure

INDICATIONS

- For temporary cementation in case of:
  - A small retention area
  - A long-term trial
- Permanent cementation of implant-retained crowns

HINTS & TIPS

- DentoTemp can be mixed with a small amount of vaseline to reduce its retentive properties
- A Furrer plier is particularly well suited for the removal of temporary elements
- DentoTemp binds to the inside of the temporary crown.
- Resealing the temporary element is easy with the addition of extra DentoTemp
- For a temporary cementation on a composite restored tooth, isolate the core

REFERENCES

DentoTemp manual syringes
2x10ml syringes (base+catalyst) + 10 spatulas + 1 mixing pad .........................DT-2.10

DentoTemp automix syringe
2 x 5 ml syringe + 20 mixing tips ..................................................DTCA-2-20

DentoTemp automix syringe Intro Kit
5 ml syringe + 5 mixing tips ..........................................................DTCA1-5

DentoTemp automix syringe Value Pack
4 x 5 ml syringe + 40 mixing tips .....................................................DTCA4-VP

DentoTemp mixing tips
20 mixing tips .................................................................DTEM-20

PROTOCOL

1. Initial view
2. Insert Teflon to isolate the screw head before the crown is put in place
3. Inject into intrados
4. Exert pressure on the crown
5. Remove the excess
6. Final view
**DEFINITIVE CEMENTATION**

## TOTALCEM

**Self-etching and self-adhesive permanent resin cement**

**Special for metal**

### ADVANTAGES

- **All in one:**
  - Etching + Bonding + Cement
- Exceptional bonding strength
- Dual cure (Light- or self-cure)
- Guaranteed curing in areas with limited light penetration
- Optimised gel state for easy removal of excess: simply cure for 3-4s
- No post-operative sensitivity
- **Thin film** (10 μm)
  - Not soluble in oral fluids
- Perfect seal
- Can be used on living teeth
- Long term shade stability
- Refrigerate for longer shelf life

### Flexural strength (Mpa)

<table>
<thead>
<tr>
<th>Material</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maxcem (Kerr)</td>
<td>137.5</td>
</tr>
<tr>
<td>RelyX (3M)</td>
<td>141.4</td>
</tr>
<tr>
<td>TotalCem (Itena)</td>
<td>170.4</td>
</tr>
</tbody>
</table>

### Bonding strength on dentine

<table>
<thead>
<tr>
<th>Material</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>RelyX (3M)</td>
<td>10.4</td>
</tr>
<tr>
<td>TotalCem (Itena)</td>
<td>7.6</td>
</tr>
<tr>
<td>Maxcem (Kerr)</td>
<td>8.4</td>
</tr>
</tbody>
</table>

### Technical data

- Compressive strength: 180 MPa
- Water sorption: 12 μg/mm³
- Solubility: 7 μg/mm³
- Film thickness: 10 μm
- Radiopacity, % Aluminium: 250
- Fluor release (cumulative on 14 days): 589 ppm
- Working time: 1.5 to 3.5 min
- Setting time: 2.5 to 4.5 min
- Compatible with all lamps: Yes

### Indications

- For cementation of: crowns, bridges, posts, inlays & onlays
- Self-adhesive on: enamel, dentine, metal

### References

**TotalCem translucent**

- Syringe of 8g + 10 mixing tips + 10 fine intra-oral tips
- + 10 extra-fine intra-oral tips
- TotalCem TR - Value Pack
  - 3 Translucent syringes of 8g + 30 mixing tips + 30 fine intra-oral tips + 30 extra-fine intra-oral tips
  - TotalCem A2 universal
  - Syringe of 8g + 10 mixing tips + 10 fine intra-oral tips
  - + 10 extra-fine intra-oral tips
  - TotalCem A2 - Value Pack
  - 3 A2 syringes of 8g, 30 mixing tips + 30 fine intra-oral tips + 30 extra-fine intra-oral tips

**Tips**

- 25 mixing tips + 25 fine intra-oral tips
- Extra-Fine Tips
  - 25 mixing tips + 25 extra-fine intra-oral tips
- Ultra-Fine Collibri Tips
  - 10 flexible and ultra-fine tips
DEFINITIVE CEMENTATION

TOTAL C-RAM

Self-etching and self-adhesive permanent resin cement
Special for ceramics

ADVANTAGES
- **All in one:** Etching + primer + bonding + cement
- Exceptional bonding strength
- Dual curing (light- or self-cure)
- Optimised gel state for delete easy excess removal: simply cure 2s
- Recommended for cementation of veneers thanks to the extremely thin film (10 μm)
- Not soluble in oral fluids
- Perfect seal
- Radiopaque 250% Al
- Can be used on living teeth
- Long term shade stability
- Refrigerate for longer shelf life

A choice of 3 shades to meet the needs of all clinical cases:

**Opaque-dentin**
Similar to the dentin color with opacity properties for optimal coverage

**Translucent**
Very high translucency for a cementation without any shading effect on the restoration

**White**
Has opaque properties and is designed for veneers. Also recommended for covering up grey metallic parts, e.g., under the crown

INDICATIONS
- **Cementation of:** crowns, bridges, inlays, onlays, veneers, posts
- **Self-adhesive** on enamel, dentin, metal, ceramics, zirconia, porcelaine

PROTOCOL

1. Initial view
2. Wax up
3. Realisation of lithium disilicate veneers
4. Application of hydrofluoric acid for 20 sec then rinse
5. Application of silane
6. Application of TotalC-Ram opaque-dentine shade on cervical and median zones and translucent shade on incisal merge
7. Final view

References

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total C-Ram translucent</td>
<td>8 g Automix syringe translucent + 10 mixing tips + 10 fine intra-oral tips</td>
<td>TTCRAM-TR</td>
</tr>
<tr>
<td>Total C-Ram opaque</td>
<td>8 g Automix syringe translucent + 10 mixing tips + 10 fine intra-oral tips</td>
<td>TTCRAM-OD</td>
</tr>
<tr>
<td>Total C-Ram white</td>
<td>8 g Automix syringe translucent + 10 mixing tips + 10 fine intra-oral tips</td>
<td>TTCRAM-BLC</td>
</tr>
</tbody>
</table>

Dr Pascal Zyman case
DEFINITIVE CEMENTATION

DENTOCEM

Permanent resin cement

**ADVANTAGES**

- **No initial expansion**
  - Superior retention and total margin integrity
  - Film thickness gives a perfect aesthetic result
- **Dual Cure Self- and light-curing**
  - Ideal for areas which are unreachable with the LED curing unit
  - Cement has a rubbery phase to allow removal of excess material
- **Radiopaque (250%)**
- **Automix syringe and extra-fine intra-oral tips**

**INDICATIONS**

- Crowns, bridges, inlays, onlays, posts, ceramic crowns & Maryland bridges
- Ceramics or metallic orthodontic attachments
- Use on all substrates

**PROTOCOL**

1. (Optional) Etch the tooth for 5-10 sec
   Rinse and dry

2. Mix equal quantities of Iperbond Ultra and Iperbond Ultra Activator

3. Apply the mixture for 20 sec. Dry for 5 sec
   (if prior etching was carried out, re-apply a second coat for 5 sec), then dry for 5 sec
   Light-cure for 20 sec

4. Apply a thin layer of DentoCem directly into the restoration

5. Set the restoration in place. Briefly light-cure for 3-4 sec. The excess cement, having taken on a rubbery consistency, can be easily removed with a probe

6. For self-curing, the setting time is between 2min30 and 4 min 30.

IONOCEM

Self-curing glass Ionomer cement

**ADVANTAGES**

- Excellent **resistance** to saliva
- Good compressive strength
- **Fluoride release**

**INDICATIONS**

- Definitive sealing of inlays, onlays, crowns, bridges & orthodontic brackets
- Dental cement base
- Filling of temporary teeth

**Reference**

*IonoCem*

16g powder + 10 ml liquid + 1 spoon + 1 mixing pad

**INDICATIONS**

- - Crowns, bridges, inlays, onlays, posts, ceramic crowns & Maryland bridges
- - Ceramics or metallic orthodontic attachments
- - Use on all substrates

**References**

| DentoCem |
|-----------------|-----------------|-----------------|
| 2 x 5ml syringes + 10 mixing tips + 10 extra-fine intra-oral tips | DCA-2.5 |
| **extra-fine tips** | 25 mixing tips + 25 extra-fine intra-oral tips | DCEXXF-50 |
YOUR CEMENTATION GUIDE

TOOTH PREPARATION

QUICK BOND
2-step self-adhesive
- 2-step bonding system: 1 self-etching primer and 1 light-cured bonding agent
- Excellent and reliable adhesion to enamel and dentine
- Think about Bond Activator for areas which are unreachable with a LED curing unit

IPERBOND ULTRA
Universal adhesive
- Quick to apply
- Excellent and reliable adhesion to enamel and dentine
- Think about Iperbond Ultra Activator for areas which are unreachable with a LED curing unit

PROSTHETIC ELEMENT PREPARATION

TOTAL C-RAM
Self-etching and self-adhesive cement
- Formulated for ceramics and zirconia elements
- Dual-cure

DENTOCEM
Cement without adhesive properties
- Use on all substrates (metal, ceramics, zirconia) with a preparation before
- Dual-cure

TOTALCEM
Self-etching and self-adhesive cement
- Formulated for metal elements
- Dual-cure

C-RAM BOOSTER
Primer for ceramics and zirconia
- No etching needed
- Increase the adhesion between resins and ceramics materials
IRRIGATYS

Root canal cleaning and disinfection system

ADVANTAGES

The only system that can provide both irrigation and activation of the solution for perfect cleaning

Ambidextrous
Buttons on both sides of the handpiece for an easy handling

Button to provide irrigation

Button to agitate the solution

System can be used in all directions (maxillary and mandibular teeth) without any risk of disabling the pump

Wireless handpiece for a more comfortable working

Much more ergonomic than a syringe!

1 dedicated tank for each solution:
Sodium Hypochlorite, EDTA and water rinsing

Removable tank, easily filled with adapted bottles

A tip for both irrigation and activation, specific for Irrygatys

2 sizes:
- 15 mm, 27G
- 21 mm, 27G

Visible and easily replaceable irrigation line

Details

- Irrigation & cleaning of root canal system for any treatment or retreatment

Reference

Introduction kit:
- 1 IRRIGATYS Handpiece + charging stand + power supply
- Chair mounted base
- 1 black tinted tank for Hypochlorite
- 1 transparent tank for EDTA
- 1 blue tank for water rinsing
- 10 IRRIGATYS sterile needle tips 5 x 15 mm and 5 x 21 mm (diam 0.4 mm - 27G)
- 5 irrigation lines
- 10 hygienic plastic protective covers for the handpiece
- 1 FR / ENG instructions for use KIRGTYS

Technical data

Average flow of the solution: between 8 and 10 ml/min.
Oscillation angle: 30° (+/- 5°)
Oscillation frequency: 3100/min (+/- 200)
Between 10 & 15 operating cycles* on a new battery

*Cycle: 1 min for hypochlorite - 1 min for EDTA - 1 min for hypochlorite

Gauge tip: 27G
Removable tank: 30 ml

Refill:
- IRRIGA FILL: translucent tank for EDTA IRFIL-EDTA
- IRRIGA FILL: black tinted tank for Hypochlorite IRFIL-H2O
- IRRIGA SOL: bottle of 50 ml for Hypochlorite + tip (black cap) IRSL-HY50
- IRRIGA SOL: bottle of 50 ml for EDTA + tip (white cap) IRSL-ED50
- IRRIGA SOL: bottle of 50 ml for water + tip (blue cap) IRSL-O50
- IRRIGA TIP: 25 blue tips – 15 mm - Ø 0.4 mm IRTIP-B15
- IRRIGA TIP: 25 yellow tips – 21 mm - Ø 0.4 mm IRTIP-J21
- IRRIGA LINE: 5 irrigation lines IRLINE-5
- IRRIGA PROTECT: box of 100 hygienic plastic protective covers for handpiece IRTPT-D100

Prof. S. Simon

Reference kit:
- 1 IRRIGATYS Handpiece + charging stand + power supply
- Chair mounted base
- 1 black tinted tank for Hypochlorite
- 1 transparent tank for EDTA
- 1 blue tank for water rinsing
- 10 IRRIGATYS sterile needle tips 5 x 15 mm and 5 x 21 mm (diam 0.4 mm - 27G)
- 5 irrigation lines
- 10 hygienic plastic protective covers for the handpiece
- 1 FR / ENG instructions for use KIRGTYS
**MTA BIOREP**

**Bioceramic reparative cement**

**ADVANTAGES**

- **Restoration of cementum and bone tissue**
- **Decreases the proliferation of bacteria (bacteriostatic)**
- **Optimal remineralization**
- **Ideal consistency (putty like)**
- **Does not discolour teeth** (last generation opacifier)
- **Radiopaque**
- **Resistance to fluids infiltration**

**INDICATIONS**

- Repair cement to be used before root canal filling.
- Ideal in cases of pulp capping on permanent teeth, canal perforation, pulpotomy, internal resorption and apexification.

A single dose that dispenses the right amount of liquid for a homogeneous mixture.

2 mixing modes: manual or automatic.

**Release of Ca²⁺ ions (ppm)**

<table>
<thead>
<tr>
<th></th>
<th>PROROOT</th>
<th>BIODENTINE</th>
<th>MTA BIOREP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.92</td>
<td>0.68</td>
<td>0.93</td>
<td></td>
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**Radiopacity (mm Al)**

<table>
<thead>
<tr>
<th></th>
<th>PROROOT</th>
<th>BIODENTINE</th>
<th>MTA BIOREP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5</td>
<td>3.5</td>
<td>3.7</td>
<td></td>
</tr>
</tbody>
</table>

**Measurement unit: mm Aluminum**

**Initial setting time (min)**

<table>
<thead>
<tr>
<th></th>
<th>PROROOT</th>
<th>BIODENTINE</th>
<th>MTA BIOREP</th>
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<tbody>
<tr>
<td>165</td>
<td>12</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

**Reference**

**MTA BIOREP**

Bioceramic root canal repair cement 2 caps..................MTA-BRP2.2

Bioceramic root canal repair cement 5 caps..................MTA-BRP5.5
OBTURYS

Permanent root canal cement for use with gutta-percha points (epoxy-amine resin-based)

ADVANTAGES

- Ideal consistency for easy placement and excellent support around gutta percha points
- Perfect sealing for successful clinical cases
- Easy to remove any excess
- Easier reinterventions because the material is not as dense, but still as resistant
- Excellent user comfort

Impossible to mix up the components!

DETAILS

- Permanent sealing of root canals, for use with gutta-percha points

PROTOCOL

1. Cover the apical third of the gutta percha point with OBTURYS.
2. Cover the inside of the root canal with OBTURYS using the gutta percha. Make vertical movements.
3. Using the probe, cut the excessive gutta percha outside the canal.
4. Hot vertical condensation of the gutta percha.
5. Obturation of the apical third.
6. Filling two thirds of the coronal section with the hot gutta by injection.
7. Final X-ray. Thorough inspection.

References

Handmix
Handmix syringe 5 ml + 1 manual adapter + 10 mixing spatulas
+ 1 mixing pad .............................................. OBHM1-5

Automix
Automix syringe 5 ml + 10 mixing tips + 10 intra-oral tips
+ 1 mixing pad .............................................. OBAX1-5

Available in two formats:
- Automix
- Handmix

Setting time: between 18 and 24 hours

Impossible to mix up the components!
MTA BIOSEAL

Endodontic root canal sealer with MTA

ADVANTAGES

Prevention of bacteria proliferation

Perfect sealing

Homogeneous penetration of product in tubules

Decreased working time

Easy removal when needed

Does not discolour teeth

Easy insertion into the root canal

Percentage of impregnated dentine

Calcium release (ppm)

Bacteriostatic activity after 7 days

Reference

MTA BIOSEAL

MTA Bioseal syringe (4g) + 10 mixing tips + 1 mixing pad ... MTA-BSEAL

photos and captions by Dr Patrick Feldstein
**HYDROSPEED**<sup>HD</sup>

**High precision silicon impression material**

**ADVANTAGES**

- **High resistance to tearing**
  Exceptional elastic properties creating a high resistance for detachment

- **Designed to exceed the mechanical constraints (sulcus)**

- **Bubble-free paste**

- **Excellent hydrophilic nature**
  Ultra-precise recording of details in a humid environment

- **Simple and fast extrusion with the cartridge**
- VPS Silicone for high precision impression
- Compatible with all impression techniques (1-step technique or 2-step technique)

**DETAILED**

**ICON SYSTEM FOR EASY IDENTIFICATION OF THE PRODUCTS:**

<table>
<thead>
<tr>
<th>Mixing type</th>
<th>Flow</th>
<th>Intra-oral time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light</td>
<td>Light Body</td>
<td>Light Body Quick</td>
</tr>
<tr>
<td></td>
<td>Regular Body</td>
<td>Regular Body Quick</td>
</tr>
<tr>
<td>Putty</td>
<td>Putty Soft</td>
<td>Putty Soft Quick</td>
</tr>
<tr>
<td></td>
<td>Putty Hard</td>
<td>Putty Hard Quick</td>
</tr>
<tr>
<td></td>
<td>Magnum Putty Hard</td>
<td>Magnum Putty Hard Quick</td>
</tr>
</tbody>
</table>

**IMPRESSION CASE**

<table>
<thead>
<tr>
<th>Type</th>
<th>Product</th>
<th>Packaging</th>
<th>Reference</th>
<th>Viscosity</th>
<th>Hardness</th>
<th>Setting time</th>
<th>Mixing type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light</td>
<td>HYDROSPEED HD Light Body</td>
<td>2 x 1:1 / 50 ml + 12 mixing tips</td>
<td>HYD-BL</td>
<td>Light</td>
<td>Normal</td>
<td>Gun</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HYDROSPEED HD Light Body Quick</td>
<td>2 x 1:1 / 50 ml + 12 mixing tips</td>
<td>HYD-BLQ</td>
<td>Light</td>
<td>Fast</td>
<td>Gun</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HYDROSPEED HD Regular Body</td>
<td>2 x 1:1 / 50 ml + 12 mixing tips</td>
<td>HYD-BR</td>
<td>Regular</td>
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ACCESSORIES

MIXING GUN
- Better ergonomics
- Precise and effortless silicone extrusion
- Simplified insertion of cartridges
- Compatible with 50ml cartridges 1:1
- Can be used in autoclave (134°C / 273°F)

1 Insertion (irrespective of the direction of the cartridge)
2 Rotation
3 Insertion of the tip
4 Fastening the tip

Tips for application of light impression materials
Intraoral mouthpiece to attach to the mixing tip

References
Accessories
1 50 yellow ECO mixing tips ........................................ HY-TY50
2 100 yellow intra-oral tips ........................................... HY-TY100
3 50 yellow mixing cannulas + clamping clip..................HYM-TY50

Fits all magnum references
HYDROSPEED HD

Bite registration

Shore A Hardness: 90 A
Total setting time: 1 min 40

Both flexible and rigid
Thixotropic / does not flow
Bubble-free

TIPS
Homogeneous two-component mixture

References
Bite registration: 2 x 1:1 / 50 ml + 6 mixing tips + 6 intra-oral tips ................................................. HYD-REG
Accessories
1 Mixing gun 50 ml 1:1 / 2:1 ........................................ HY-GSII
2 100 transparent intra-oral tips for bite registration ........ HY-TG100
3 50 green ECO mixing tips ........................................ HY-TG50

Tips for bite registration
Brush tip to fix on the mixing tip
CHROMASPEED
High precision chromatic alginate

ADVANTAGES

- High dimensional stability
- Mint or strawberry flavor. No excess salivation
- Only 30 seconds in mouth
- Optimized elasticity for removal without deformation
- Spoon and measure cup are included to guarantee the stability of the mixture
- Recommended for orthodontics
- Recommended for general dental practitioners
- High precision

DETAILS

Alginate for:
- general dental practitioners: Chromaspeed HD
- orthodontists: Chromaspeed ORTHO

References

Chromaspeed
CHROMASPEED ORTHO - 500 g bag + measurement kit .......................................................... CHSP-O
CHROMASPEED HD - 500 g bag + measurement kit ............................................................ CHSP-HD

Specific colour for each work step
Clear and easy to use

Optimum mix
Mouth contact
Removal
Green: ortho / Yellow: HD

Only 30 seconds in mouth
TRAXODENT

Dual action: haemostatic and gingival retraction paste

ADVANTAGES

Fast and effective retraction in 2 minutes
The chemio-mechanical expansion of Traxodent allows tissue displacement on contact with air.

Optimised haemostasis
Use of Traxodent stops bleeding through compression whilst absorbing gingival fluid.

Swivel and adaptable tips
Injection angle easily determined.

Resealable foil pouches
The paste does not dry out and keeps extremely well.

COMPOSITION
Patented formula containing:
- Clay matrix
- 15% Aluminum Chloride

DETAILS

Use before:
- Taking an impression
- Clinical procedure requiring haemostasis or gingival deflection

A compression cap or similar device can be used for optimal penetration of the Traxodent into the sulcus. After the application of the Traxodent in the sulcus, place the compression cap on the tooth and ask the patient to bite down. Let it act for 2 minutes and rinse.

An instrument aids for penetration of Traxodent into the sulcus.

References

<table>
<thead>
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NUMERYS HC

Hybrid ceramic block for CAD/CAM
Special Inlays, Onlays, Crowns, Veneers

**ADVANTAGES**

- High flexural strength above 200 MPa & fracture toughness
- Real wear resistance
- Excellent aesthetic results
- Real shock absorber
- Easy to mill and to polish in a few minutes
- No post-colouring, no firing process
- Brilliant and long-lasting performance

**REFERENCES**

- For the cementation of veneers, use TotalC-Ram

**TECHNICAL DATA**

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<tr>
<td>Vickers hardness (VHN, kg/mm²)</td>
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**PROTOCOL**

1. Initial view
2. Removal of the amalgam, then preparation of the cavity
3. Computer Aided Design within 5 minutes
4. Milling completed within 10 minutes
5. Fitting the onlay after milling
6. Occlusal control
7. "Light" make-up
8. Bonding and cementation under single surgical drape: (Iperbond Ultra + TotalC-ram)
9. Final view

Dr Stéphane Cazier’s case

**REFERENCES**

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<th>Shade</th>
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<td>14L (12 x 14 x 18 mm)</td>
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**RECOMMENDED SIZES:**

- 12 (10 x 12 x 15 mm)
- 14L (12 x 14 x 18 mm)

**RECOMMENDED FOR LABORATORIES:**

- Size 14L, shade A1 NYS-14A1
- Size 14L, shade A2 NYS-14A2
- Size 14L, shade A3 NYS-14A3
- Size 14L, shade A3.5 NYS-14A3.5
- Size 14L, shade B3 NYS-14B3
- Size 14L, shade E NYS-14E
NUMERYS GF

Chairside & Lab Applications
Glass fiber composite CAD/CAM for post & core milling

ADVANTAGES

80% unidirectional glass fibers embedded in 20% epoxy resin matrix
Higher number of glass fibers than in traditional glass fiber posts. Homogeneity of the material

Good radiopacity, no discolouration of the material over time

Full metal-free post and core system: no opacification of the core required for better aesthetic results

Single component for a better anatomical fit: better adhesion between the post-and-core system and the root canal

No risk of decementation between the posts and core build-up materials

Easy clinical procedure
Same root canal and post & core preparation as dental glass fiber posts
Same cementation procedure as traditional post and core systems

Excellent cost/benefit ratio compared to cast metal posts

Mechanical properties: better mechanical resistance (+45%) than traditional post and core systems. Elasticity modulus comparable to dentin’s giving the material a flexibility in the face of constraints and minimizing the risk of root fracture

IT IS ESSENTIAL TO APPLY SILANE AND AN ADHESIVE BONDING TO THE MILLED NUMERYS GF POST AND CORE FOR A PERFECT CEMENTATION AND TO ENSURE THAT THE FINAL RESTORATION IS WATERTIGHT.

References

5 blocks Numerys GF NYSGF-BCS
1 disk NUMERYS GF NYSGF-DSK

Technical data

Flexural strength ................................................................. 990 MPa
Module of elasticity .......................................................... 23.8 GPa
Average diameter of fibers ................................................. 20 µm
Average fibers per block ...................................................... 700 000 fibers
Average fibers per disk ......................................................... 22 millions fibers
**DENTOCROWN**

Self-curing resin for temporary crowns & bridges

### ADVANTAGES

- **High compressive and flexural strength**
  Extremely hard and resistant, absorbent of shocks for fracture prevention
  Keeps its shape even under pressure

- **Low polymerisation shrinkage**
  Better marginal adaptation

- **Low exothermic polymerisation reaction**
  Increased patient comfort

- **Easy retrieval**
  Thanks to its elasticity

- **Aesthetic result**
  High stability of colour and fluorescence
  Natural shine

- **Standard dispenser gun**
  No extra costs involved

- **Can be used on living teeth**

### PROTOCOL

1. Impresssion
2. Prepared tooth
3. Dentocrown application in the impression
4. Insertion in mouth
5. Final result

Dr Feldstein Clinical case
### Protocol

**1. Initial view**

**2. Digital smile design**

**3. Wax up**

**3. Dentocrown A2**

**4. Test drive / Mock up**

### Indications

Making of: crowns, bridges, inlays, onlays

<table>
<thead>
<tr>
<th>References</th>
</tr>
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<tr>
<td><strong>Cartridges</strong></td>
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<tr>
<td>Dentocrown A1</td>
</tr>
<tr>
<td>50 ml (76 g) cartridge + 10 mixing tips</td>
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<td>50 ml (76 g) cartridge + 10 mixing tips</td>
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<tr>
<td>20 mixing tips</td>
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### Technical data

- **High compressive strength**: 320 MPa
- **Flexural strength for 10 min**: 40 MPa
- **Working time max**: 30-50 sec
- **Setting time**: 40-70 sec

### Hints & Tips

**It’s possible to rebase Dentocrown**

2 ways:
- Remove the viscous (inhibiting) layer that forms on the surface of the temporary tooth with alcohol, and rebase
- Use Dentotemp to fill holes

---

DentoCrown composite resins do not bond with polycarboxylate temporary crowns. To ensure adhesion, a bonding must be applied between the resin and the temporary crown.
TEMPORARY CROWNS

Translucent polycarbonate temporary crowns designed to fit all clinical cases

ADVANTAGES

Comes in universal shades for all clinical cases

Easy to use and easy to adjust thanks to their elasticity

Fast insertion and retention

Perfectly tolerated by periodontal tissue

Many shapes

Resistant to the thermal and chemical variations of the oral cavity

Bite sticks
# PROFORMED CROWNS

### REFERENCES

**Kit of temporary crowns**

- 180 translucent polycarbonate temporary crowns

**Refills of 5 crowns**

### Upper Right central incisors

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<tr>
<th>Length (L)</th>
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<td>5.3 mm</td>
<td>9.2 mm</td>
<td>KCP67</td>
</tr>
<tr>
<td>5.6 mm</td>
<td>10 mm</td>
<td>KCP68</td>
</tr>
<tr>
<td>6.0 mm</td>
<td>10.5 mm</td>
<td>KCP69</td>
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</tbody>
</table>

### Bite sticks x1

- EC

### ADVANTAGES

- Flexible, easy to use
- Easy adjustment
- Protects the periodontal area
- Anatomical shape
- Immediate bite setting
- Can be used with composites, resins and cements

### REFERENCES

**Kit 32 Crowns**

- 10 upper incisors + 4 upper lateral incisors + 6 canines + 4 premolars + 4 molars + 4 lower lateral incisors

**Refills of 5 Crowns**

<table>
<thead>
<tr>
<th>Length (L)</th>
<th>Number</th>
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<tbody>
<tr>
<td>7.5 mm</td>
<td>RM-ICR75</td>
</tr>
<tr>
<td>8.5 mm</td>
<td>RM-ICR85</td>
</tr>
<tr>
<td>9.5 mm</td>
<td>RM-ICR95</td>
</tr>
<tr>
<td>10.5 mm</td>
<td>RM-ICR105</td>
</tr>
<tr>
<td>7.5 mm</td>
<td>RM-ICL75</td>
</tr>
<tr>
<td>8.5 mm</td>
<td>RM-ICL85</td>
</tr>
<tr>
<td>9.5 mm</td>
<td>RM-ICL95</td>
</tr>
<tr>
<td>10.5 mm</td>
<td>RM-ICL105</td>
</tr>
<tr>
<td>6 mm</td>
<td>RM-IIR60</td>
</tr>
<tr>
<td>6 mm</td>
<td>RM-IIR60</td>
</tr>
<tr>
<td>13 mm</td>
<td>RM-IIR130</td>
</tr>
<tr>
<td>13 mm</td>
<td>RM-IIR130</td>
</tr>
<tr>
<td>8.5 mm</td>
<td>RM-CRR85</td>
</tr>
<tr>
<td>9.5 mm</td>
<td>RM-CRR95</td>
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<tr>
<td>8.5 mm</td>
<td>RM-CLR85</td>
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<td>RM-CLR95</td>
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<tr>
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<td>RM-PRL75</td>
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<td>9 mm</td>
<td>RM-MR85</td>
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<tr>
<td>10 mm</td>
<td>RM-MR95</td>
</tr>
<tr>
<td>9 mm</td>
<td>RM-ML85</td>
</tr>
<tr>
<td>10 mm</td>
<td>RM-ML95</td>
</tr>
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</table>
AESTHETICS
Whitening kit to be used by day or at night by the patient.

**PURE DAY**
6% hydrogen peroxide formula
2 hours per day for 7 days

**PURE NIGHT**
16.5% carbamide peroxide formula
7 hours per night for 7 nights

**References**

<table>
<thead>
<tr>
<th>Kits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pure Day Kit</td>
<td>4 whitening syringes 6% PH (2.4 g) 1 tray box 2 thermoforming laminates PRD-H6</td>
</tr>
<tr>
<td>Pure Night Kit</td>
<td>4 whitening syringes 16.5% PC (2.4 g) 1 tray box 2 thermoforming laminates PRN-C16</td>
</tr>
</tbody>
</table>

Realization of the tray | Initial shade checking | Final shade checking | Makes an ideal gift for your patient
HOME USE PROTOCOL

1. Remove the syringe from the fridge and wait for it to reach room temperature. Carefully brush teeth with toothpaste.

2. Remove the cap from the end of the syringe.

3. Place one drop of gel into each tooth space of the tray. 1/4 of the syringe should be used per tray. Replace the cap on the syringe and return it to the fridge.

4. Align the tray on the teeth.

5. Spread the gel over the teeth surfaces by rubbing the tray with your finger.

6. Remove excess gel from the gums with a wet cotton swab.

7. 6% hydrogen peroxide formula: recommended use: 2 hours a day
16.5% carbamide peroxide formula: recommended use: 7 hours per night

8. Do not eat, drink beverages that can stain or smoke during this time.

9. Remove the tray.

10. Carefully brush teeth with toothpaste.

11. Clean the tray with fresh water and a toothbrush.

12. Store the tray in its case.

SOME ADVICE FOR YOUR PATIENTS

To keep their teeth white after the treatment, here are some tips to follow:
- Take brushing seriously and use dental floss.
- Have a regular descaling done at your dentist.
- Avoid tobacco, coffee and tea, which discolour teeth.
- Drink a glass of water after consumption of coloring products to avoid stagnation of tannins.
- Renew teeth whitening every 3 to 5 years.

References

<table>
<thead>
<tr>
<th>Refills</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pure Day</td>
<td>4 whitening syringes 6% HP (2 ml / 2.4 g)</td>
<td>PDH6-RF</td>
</tr>
<tr>
<td>Pure Night</td>
<td>4 whitening syringes 16.5% PC (2 ml / 2.4 g)</td>
<td>PNC16-RF</td>
</tr>
<tr>
<td>Pure Care</td>
<td>4 desensitizing syringes (2.3 g)</td>
<td>PRC-DSB</td>
</tr>
<tr>
<td>Pure Bleaching Tray</td>
<td>10 thermoforming laminates, 1 mm thick</td>
<td>PRB-10P</td>
</tr>
</tbody>
</table>
Professional office whitening gel

ADVANTAGES

- Original and unique formula increasing the brightness and fluorescence of the teeth
- Neutral pH for easy placement on the surface of the teeth and prolonged impregnation to facilitate the complete release of hydrogen peroxide and ensure optimal patient comfort.
- 35% hydrogen peroxide

References

- **Pure Office Kit**
  - 1 whitening syringe 35% HP (5 g) + 1 mixing tip + 2 gingival barrier syringes of 1 ml (1.5 g) with curved tips................................. PRO-H35

- **Refill**
  - **Pure Office tips**
    - 2 mixing tips for 35% HP whitening syringe............................. PROEM-2
  - **Pure Protect**
    - 4 gingival barrier syringes with curved tips............................... PRP-BG

CHEEK RETRACTOR

- Fully adjustable cheek-retractor providing a wide operating field.
  - FIND IT PAGE 27

- Set of 2 panoramic cheek retractors ................................. EJP-2BT
**Disposable tips for air/water syringes**

**ADVANTAGES**

- **Very flexible tip**
  Stays in the angle desired by the dentist

- **Dry air guaranteed**
  Two separate pipes for air and water without compromising the quality of the spray

- **Reduces the risk of bacterial migration**

- **Grooves enhance tip flexibility**

- **Allows access to hard-to-reach areas without altering the quality of the sprays**

- **Made in France**
  Recyclable plastic of medical grade

- **Reduced risk of cross-contamination**

- **“V” shaped notch**
  for easy insertion

**SETTING UP**

- Push the tip onto the adapter for a perfect fit
- The tip is firmly attached to the adapter to avoid the creation of a possible air chamber and a resulting pressure loss at the end of the tip
- Simply pull off the tip to change it

**DIAGRAM OF THE SYSTEM**

**References**

<table>
<thead>
<tr>
<th>Box of 200 Aireo V-Lock System tips</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green ........................................AIRU200-V</td>
</tr>
<tr>
<td>Blue ............................................AIRU200-B</td>
</tr>
<tr>
<td>White ..........................................AIRU200-A</td>
</tr>
</tbody>
</table>
PLAS’TIP

Flexible plastic tip for periodontal use with two lateral openings

**ADVANTAGES**

- Two lateral openings:
  - Better distribution of the product
  - Homogeneous diffusion
  - Less pressure in the gingival pockets

- Flexible plastic
- Luer-Lock compatible
- 0.4 mm diameter
- Anatomical and atraumatic shape

**Anatomic and atraumatic**

- Same size as periodontal probes - 0.4mm
- No interference with the gums’ epithelial attachment during insertion
- Flexibility of the tip - atraumatic

**References**

Plastic tips
Box of 25 plastic tips ......................................................... PLTIP-25

**Periodontal cleaning**

- The tip adapts to the irregularities of the gingival surface
- Easy insertion and access to periodontal pockets
- Complete cleaning of the gingival furrows

**HINTS & TIPS**

Compatible with root canal cleaning
## References

### For automix syringes

**Mixing tips for DENTOTEMP**
Refill of 20 mixing tips ........................................... DTEM-20

**Fine tips for DENTOCORE**
Length: 100 mm Ø 1.1 mm
Refill of 25 mixing tips + 25 fine intra-oral tips .................................................. DCE-50

**Extra-fine tips for DENTOCORE**
Length: 135 mm Ø 0.09 mm
Refill of 25 mixing tips + 25 extra-fine intra-oral tips ..................................... DCEXXF-50

**Colibri tips**
Ø 0.09 mm
Refill of 10 mixing tips Colibri intra-oral tips ........................................ DCCOL-10

### For double cartridges

**Mixing tips for DENTOCROWN**
Refill of 10 mixing tips for cartridges ................................ DWNE-10

**Fine intra-oral mixing tips for DENTOCORE**
Refill of 25 mixing tips + 25 intra-oral tips ............................................... DTA

### Needle tips

**25G needle tips for PREVENT SEAL**
Ø 0.05 mm
Refill of 20 needle tips ............................................. PVSE-25G

**22G extra-fine needle tips for DENTOETCH**
Ø 0.07 mm
Refill of 20 extra-fine needle tips 22G ............................................ DEA-20

**16G extra-fine needle tips for TRAXODENT**
Ø 1.3 mm flexible
Refill of 20 needle tips ............................................................ TRAEMB-20

**16G extra-fine needle tips for TRAXODENT**
Ø 1.3 mm flexible
Refill of 60 needle tips .......................................................... TRAEMB-60

## MICRO-APPLICATORS

### References

**Conical**
50 blue micro-applicators ........................................ ACB-50
50 green micro-applicators .......................................... ACV-50

**Spherical**
50 red micro-applicators .............................................. ASR-50
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