

C A T A L O G

EN



INNOVATION

PERFORMANCE

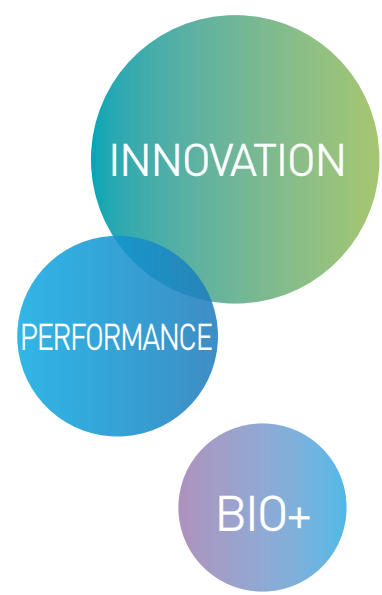
BIO+

Innovative formulas without endocrine disruptors such as BPA, without controversial degradable resins such as BisGMA, BisEMA, TEGDMA, and without added HEMA.

For a more health-friendly dentistry!

MADE IN FRANCE

 **ELSODENT**



INNOVATION & CLINICAL PERFORMANCE AND MORE BIOCOMPATIBILITY!

For 25 years ELSODENT has been developing and distributing in France, on a single site integrating the R&D, production and logistics departments, a complete range of dental products with improved biocompatibility.

Innovative and clinically performants, our products are formulated without endocrine disruptors such as BPA, nor potentially toxic resins such as BisGMA, TEGDMA and without added HEMA.

With BIO+ range, ELSODENT confirms its commitment to dentistry that is more respectful of patient health.

By placing biocompatibility at the heart of its innovation strategy, the French company ELSODENT stands out with new dental materials that are always more efficient and safer for patients.

With a 25-years clinical experience, ELSODENT designs and manufactures, in France, improved biocompatibility dental products. More health-friendly for patients, the product range also present unique clinical and physico-chemical qualities to meet the requirements of dentists in terms of saving time and economy.

The origin of BIO+ ELSODENT range

Alarmed by the potential toxicity of some resins commonly used in dental products, the French laboratory ELSODENT wanted to address the major concerns of dentists but also those growing health-conscious patients, by developping more health-friendly dental products.

Scientific background of the BIO+ range

These questions about dental products go back decades. During the 90s, amalgams, more commonly known as «fillings», containing mercury, were already challenged by a part of the scientific community. Replaced today by composites, these new materials are now getting contested because of their significant potential toxicity.



With formula based on compounds like TEGDMA, HEMA & BisGMA, these dental products can, under specific conditions, release in the mouth toxic substances for our organism and carcinogenic, like Formaldehyde and Bisphenol A.



ISO 13485



www.elsodent.com

A single site integrating R&D department, Production and Logistics, based close to Paris (France)

MADE IN FRANCE



- > No endocrin disruptors | BPA-free
- > No TEGDMA, BisGMA, BisEMA, nor addition of HEMA

Dental revolution

Based on its advanced clinical, technical and scientific skills, our laboratory has developed a complete range of composites, resins, adhesives agents, cements,... formulated without addition of these potentially dangerous monomers such as TEGDMA, HEMA, or BisGMA and its derivatives.

Our formulations now offer non-hydrolysable substitution monomers issued from our R&D programs.

Innovative and performant, the BIO + range is ideally suited to the needs of both dentists and patients, since these products benefit from improved biocompatibility while maintaining exceptional clinical and physicochemical properties.

They are easily identified by the BIO+ logo and are presented in recyclable and / or recycled packaging.



Monomers currently used in dentistry and associated risks*

BisGMA (Bis Phenol Glycidyl Metacrylate)

Basic resin for composites and others dental products, synthesized from Bisphenol A (BPA) and Glycidyl Methacrylate. Also contains free BPA, quickly released by the products in the mouth, and found in saliva a few hours after use. When hydrolyzed, the product releases **Bisphenol A**.

TEGDMA (Triethyleneglycoldimethacrylate)

Resin used to make BisGMA more flowable. Beyond its intrinsic toxicity, its lipophilic nature allows it to easily penetrate cell membranes and interact with DNA. Easily hydrolysed by salivary enzymes to produce **Formaldehyde**.

HEMA (Hydroxy Ethyl Metacrylate)

A short-chain of resin, which easily crosses cell walls and can, like TEGDMA, interact with DNA. Interfering in DNA repair, this can lead to mutations and cancers. Easily hydrolysed by salivary enzymes to produce **Formaldehyde**.

*sources: Mol Biol Rep [2012] 39:1561-1574 | Dental Materials Journal 19 (2) 139-152, 2000 | Mutation Research 696 (2010) 122-129 | Dental Materials 24 (2008) 1670-1675 | Genotoxicity and cytotoxicity of 2-hydroxyethyl methacrylate - Elzbieta pawlowska et al - Mutation Research 696 (2010) 122-129 | Cytotoxicity of the dental composite component TEGDMA and selected metabolic by-products in human pulmonary cells - J Emler et al | TEGDMA and Bisphenol-A : the same level of risk in dental medicine ? - Jean-Marc Meyer - Autredent, No 56, pages 81-86, 2010

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SO SIMPLE TO USE | NO ACTIVATOR |

Developed around our HEALBOND MP & HEALBOND MAX universal bondings, the SMART CONCEPT is based on a premium technology for formulas alignment and perfect components compatibility.


In contact with "dual" products (CORE D & CORE D Flow composites and INNOCEM universal cement)*, our light-cure adhesives become directly "dual", without requiring the addition of an activator.

This technology reduces clinical steps and enables simplified workflow, increased reproductivity and product savings.

For SMART use that makes you smile 😊

**or other similar products on the market!*

RESTORATION



PUREFILL FLOW

PUREFILL 2

BONDING


HEALBOND MP



HEALBOND MAX



INNOCEM



CORE D FLOW

CORE D

CEMENTATION



NO ACTIVATOR

+ FASTER

+ SIMPLE

+ ECONOMICAL

>>> SO SMART !

CORE BUILD-UP

HEALBOND MP & HEALBOND MAX

Self-etching light-curing universal bonding systems

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA



A simplified protocol, universal and powerful bonding, ever more effective!

UNIVERSAL

Powerful shear bond strength to all surfaces: tooth structures, ceramic, composites, metal and zirconia

MULTI-MODE

Self-etching, selective etching or total etching

MULTI-INDICATION

Direct & indirect restorations

COMPATIBILITY

Use within ELSODENT product range WITHOUT ACTIVATOR for dual-mode.

BIO+

BPA-free, no BisGMA, BisEMA, TEGDMA, HEMA

HEALBOND MP

8th generation adhesive system (self-etching one step), which can also be used as an etch & rinse, 2 steps bonding system (with partial or total etch).



HEALBOND MAX

6th generation adhesive system (self-etching 2 steps) which can also be used as an etch & rinse 3 steps bonding system!

SMART CONCEPT (p.5)

Optimized formulations of **HEALBOND MP** & **HEALBOND MAX** allow to be used **WITHOUT AN ACTIVATOR** with any dual or self cure product (core built up composites, resin-based cements)

REFERENCES & PRESENTATIONS

BMP-5	HEALBOND MP Bonding - 5ml
BMX-10	HEALBOND MAX Adhesive + Primer - 2x 5ml

DM class IIa (0197). Manufacturer : G-Pharma.

PRODUCT	ADHESIVE	ACTIVATOR	INDICATIONS
PUREFILL 2 PUREFILL FLOW	✓	✗	Light-cure direct anteroposterior restorations, class I to V
CORE D CORE D FLOW	✓	✗	Self-cure and dual-cure direct core build-up restorations Sealing of root-canal posts
INNOCEM	✓	✗	Dual-cure cementation of indirect restorations (inlays, ceramic or composite veneers, Maryland bridges)

> DENTIST OPINION

"I have been using HEALBOND MP for 3 years, for my direct restorations. Without addition of an activator, when used with INNOCEM for cementing indirect restorations, and with CORE D, for core build-up. I switched to HEALBOND MAX 6 months ago for some indications, such as composites at the root junction, still with the same level of satisfaction: no staining of the joints, no postoperative sensitivities."



> TESTS

Premium products with innovative formulations whose clinical performance has been demonstrated by tests carried out in world-renowned universities.

Comparative tests demonstrate equivalent or superior results, against SE one step or E&R 2 steps bonding systems, for HEALBOND MP. Against SE 2 steps or E&R 3 steps bonding systems, HEALBOND MAX will show the same or superior results as well.



Pr Bart Van Meerbeek
KU Leuven BIOMAT



PUBLI



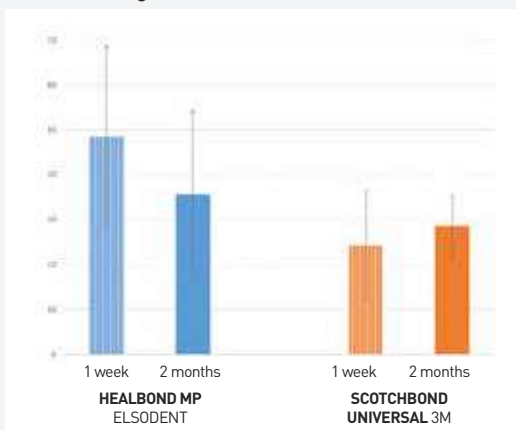
+ INFO

Data extracted from report
KU Leuven BIOMAT,
Van Meerbeek et al., 2020

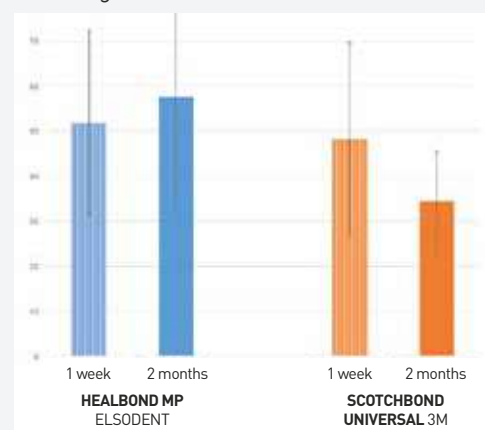
Bonding effectiveness on dentin of bonding systems HEALBOND MP & HEALBOND MAX with and without etching

1 week & 2 months (50 000 cycles) values in distilled water by Micro-tensile bond-strength (μ TBS) testing. Data extracted from report KU Leuven BIOMAT, Van Meerbeek et al., 2020.

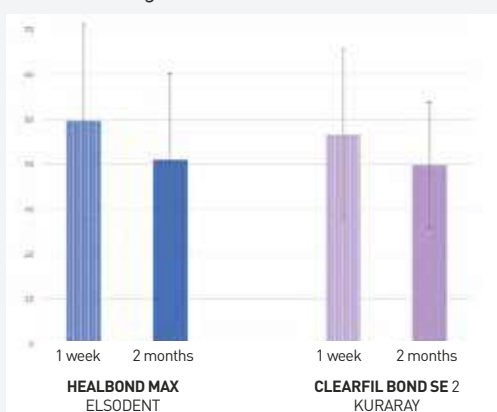
Self-Etching (SE)



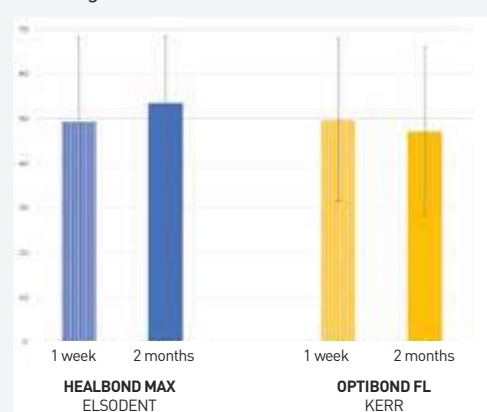
Etching & Rinse (E&R)



Self-Etching (SE)



Etching & Rinse (E&R)



PURESHADE is 100% made in France and formulated without endocrine disruptors (BPA-free), nor other hydrolyzable resins.

Enhanced biocompatibility, combined with very low long-term toxicity, makes it an innovative and essential product in a committed public health approach.

PURESHADE

Nano-hybrid, universal mimetic composite

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

3 shades only, to simplify your protocol and inventory management without compromising clinical and aesthetic qualities of your restorations.

VITA SHADES EQUIVALENCE GUIDE

Shade 1	A1 - B1 - B2 - C1 - D2
Shade 2	A2 - A3 - C2 - D3 - D4
Shade 3	A3.5 - A4 - B3 - B4 - C3 - C4

FEATURES & BENEFITS

Simplified choice of shades

16 standard VITA shades with only 3 shades.

Perfect mimetics

An innovative combination of pigments and specific fillers, of different sizes and shapes, allows light to transmit the shade of the tooth to the composite used.

For perfect aesthetics and a natural result with a single PURESHADE shade for the restoration of several teeth of different VITA shades..

Premium clinical quality

Ideal consistency for easy use, for both anterior and posterior sector. Does not stick to instruments.

Optimized biocompatibility

BIO+ formulation, without any degradable monomers
Conversion rate >65%

INDICATIONS

All classes, antero-posterior direct restorations (I,II III,IV,V MOD).

REFERENCES & PRESENTATIONS

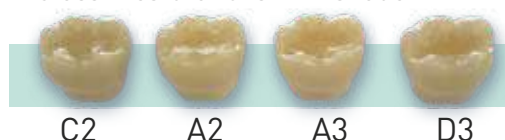
PURSH41	4g syringe. Shade 1
PURSH42	4g syringe. Shade 2
PURSH43	4g syringe. Shade 3
PURSH201	20x 0,2g unit dose. Shade 1
PURSH202	20x 0,2g unit dose. Shade 2
PURSH203	20x 0,2g unit dose. Shade 3

DM class IIa (0197)

NEW 2024



Class I restorations with Shade 2



Class IV restorations with Shade 2



>> CLINICAL CASE | PURESHADE

Class II restoration with PURESHADE Shade 2 (M.SCHOOL Paris)



1. After applying HEALBOND MP bonding system



2. Final result after sculpting the occlusal surface

PUREFILL 2

Nano-hybrid, antero-posterior composite

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

ADVANTAGES

Low shrinkage

Polymerization depth > **3mm**

High **conversion rate ~ 70%**

Highly filled (80% by mass)

Does not stick to instruments

Perfect **consistency**

Stable, does not polymerize under the chair light

Aesthetic. Excellent polishability

INDICATIONS

Posterior restorations (class I, class II, MOD)

Anterior restorations (class III and class IV)

Class V restorations

Aesthetic corrections (diastema, hypoplasia, discoloration)



REFERENCES & PRESENTATIONS

PUR2-3-* 3g syringe. VITA shades
A1/B1 - A2 - A3 - A3,5 - B2 - C2 - Incisal - Bleach

PUR2-5* 20 x 0,2g compules. VITA shades
A1/B1 - A2 - A3 - A3,5 - B2 - C2 - Incisal - Bleach

*Shade

MD : Class IIa certified by Tüv Rheinland (0197)

PUREFILL FLOW

Flowable nano-hybrid composite

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

ADVANTAGES

High mechanical strenght. Flexural strength >100MPa

Conversion rate > 60%

Highly filled (65% weight)

Thixotropic. Remains in place without flowing

Time saving. No metallic matrix needed

Stable. Does not polymerize under the chair light

Easy to polish

INDICATIONS

Restoration of small classes III and classes V

Cavity liner in the "Bond and Flow" technique

Fix splints after orthodontic treatments or in case of mobile teeth



REFERENCES & DESCRIPTION

PURF-4-* 2 x 1,2 ml (2g) syringes + 10 tips.
VITA shades:A1/B1 - A2 - A3 - A3,5 - B2

IR-100 100 pink needle tips. Gauge 18.

*Shade MD : Class IIa certified by Tüv Rheinland (0197), excl. tips, Class 1

G-ETCH

Etching gel - Phosphoric acid 38%

ADVANTAGES

- Even more efficient
- High thixotropy, doesn't flow
- Ultra-fast and easy rinsing
- Excellent contrast. Blue or Green translucent gel
- Very easy extrusion
- Non-drying gel.
- 3-years** Lifetime



MAXI KIT 4 syringe 3ml

- ▶ More economical
- ▶ More ecological



REFERENCES & PRESENTATIONS

JKB-50	JUMBO KIT 1 x 50ml storage syringe + 5 x 3ml empty syringes + 40 tips B (blue) - V (green)
JKV-50	JUMBO KIT 1 x 50ml storage syringe + 5 x 3ml empty syringes + 40 tips B (blue) - V (green)
JRB-50	1x 50ml storage syringe (blue)
JRV-50	1x 50ml storage syringe (green)
ETG-16	MAXI KIT 4 x 3ml syringes + 20 tips
MET-6	MINI KIT 4 x 1,2ml syringes + 10 needle tips (blue)
LTL	100 black needle tips
ETL	100 blue needle tips

MD class IIa (0197)



Available in Blue & Green shade
Ideal for general practice & orthodontics

>> CLINICAL CASE | Etching with G-ETCH



PF SEAL

Pits and fissures sealant

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

ADVANTAGES

High flexural strength. Elongation at break > 5 mm

Low viscosity. Reach the bottom of the thinnest fissures

Conversion rate > 60%

Hydrophobic

High durability. No risk of detachment

Easy and fast use: etching, application then polymerization

Very resistant, less abrasion

Opaque off-white shade. Better contrast for a perfect surveillance application and a good survey.



INDICATIONS

Pits and fissures sealing

REFERENCES & DESCRIPTION

PFS-3,6 2 x 1,2 ml syringes + 10 tips. Opaque white shade

ETL 100 blue needle tips. Gauge 25

MD : Class IIa certified by Tüv Rheinland (0197)

HI-SEAL

Light-cure cavity liner

Formulation without addition of TEGDMA, BisGMA

ADVANTAGES

Compatible with all dental restorative materials or resin cements.

Very hard after setting and polymerisation

Virtually insoluble in water and oral fluids

Easy setting and precised placement with syringe and dispenser tips

Dentin shade



NOTE

HI-SEAL chemically bonds to adhesive primers, composites and other resin based materials and it micromechanically bonds to dentin

REFERENCES & PRESENTATIONS

HS-6 4 x 1.2 ml (minimum 2g) syringes + 10 needle tips.

IR-100 100 pink needle tips. G18

MD class IIa (0197)

INNOCEM

IPC TECHNOLOGY
&
SMART CONCEPT

Dual-cure, self-etching, adhesive resin cement

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA



Use in Solo or Duo mode? It's up to you to choose according to the clinical situation!

SOLO MODE

Simple and reproducible protocol - 1 step only - Quick and Easy-to-use

No pre-treatment of the tooth required

INDICATIONS

Metal, composite, etched (or silanised ceramic) inlays, onlays, crowns and bridges

Ti-bases cementation

ADVANTAGES

Reliability: powerfull adhesion in self-mode, dual-mode and light-cure mode.

Comfortable working time with self-cure mode.

Aesthetic: Strong hiding power (opaque shades). Perfect for inlay core and amalgams.

DUO MODE (IPC Technology)

Use with bonding systems HEALBOND MP, H-BOND and HEALBOND MAX

INDICATIONS

Maryland bridges of 2 to 3 elements, Etched (or silanised) ceramic veneers, Root canal posts (metallic or fiber posts).

ADVANTAGES

Multi-surface: Dentin, metal, Zirconia, composite and etched (or silanated) ceramic

Performances: High shear bond strength
Flexural strength = **90 MPa**
Unsurpassed conversion rate = **60,80%** (30 min.)



REFERENCES & PRESENTATIONS

IC-10-TA2 5ml syringe + 10 tips. Translucent A2 shade

IC-10-OA2 5ml syringe + 10 tips. Opaque A2 shade

IC-10-OA3 5ml syringe + 10 tips. Opaque A3 shade

EMP-100 100 brown mixing tip

IMP-100 100 intra-oral tips

MD : Class IIa certified by Tüv Rheinland (0197), excl. tips, Class 1.

SMART CONCEPT (p.5)
Easy-to-use with ELSODENT bonding systems HEALBOND MP & HEALBOND MAX, H-BOND WITHOUT ACTIVATOR

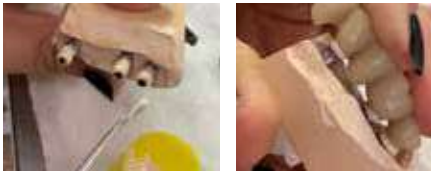
IPC (Initiator Polymerization Contact)
The polymerization of INNOCEM is immediately initiated when it comes into contact with the dentin prepared by the application of one of our bonding systems HEALBOND MP, H-BOND and HEALBOND MAX: Touch Cure Effect. For an instant seal.

>> CLINICAL CASE SOLO | Dr Christian MOUSSALLY (Paris)



1. Tooth prepared after gum laser fitting
2. Significant collar dyschromia
3. Cement application in the intrados
4. Crown set up
5. Easy removal of cement excess
6. Final result

>> PROSTHETIC CASE | EDENTECH Laboratory (Herblay)



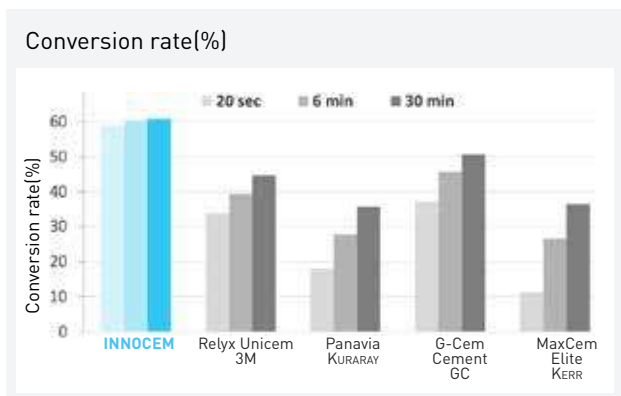
1. INNOCEM set-up on Ti-bases
2. Ti-bases bonding into the bridge



"Fast self-cure, so there's no need for light-curing. No specific preparation or primer to apply to the Ti-bases before bonding. No disbondment in 3 years of regular use." EDENTECH Laboratory (Herblay)

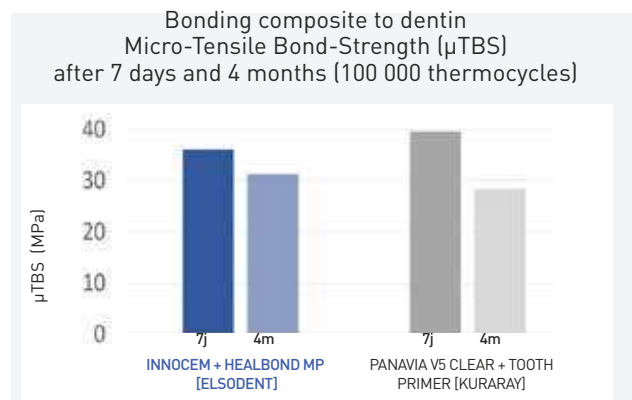
>> COMPARATIVE PHYSICO-CHEMICAL TESTS

INNOCEM SOLO



Tests conducted by G-Pharma. Conversion rate using FTIR spectrometer (ATR).

INNOCEM DUO WITH HEALBOND MP

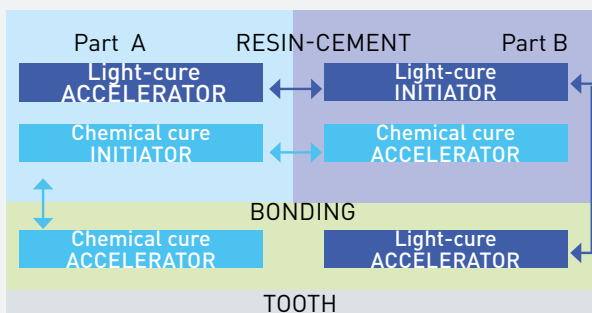


Extract from report KU Leuven BIOMAT, Van Meerbeek et al. 2022

SMART Concept



IPC Technology



"I've tested and very much appreciated the INNOCEM self-etching dual resin-cement, which is very pleasant to use. Especially opaque A2 version, very masking and therefore very practical for restorations on discolored teeth or with inlay-cores" M.SCHOOL (Paris)

SEALTEMP S & S Clear

Self-cure temporary resin-based cements, eugenol-free
 BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

ADVANTAGES

Perio-friendly

Thanks to the smooth surface of the cement, the gum completely heals within 2 to 3 days

Any procedure (impression, etc) can be performed without facing bleeding problems of the gum

Suitable use on vital and non-vital teeth

Easy to remove

The cement sticks to the intrados of the temporary crowns: The prepared teeth always remain clean.

Repositioning

Easily and simply removed with tweezers.

NEW SEALTEMP S Clear*

Translucent, for an invisible joint and a perfect aesthetic result!

Time saving

SEALTEMP S | SEALTEMP S Clear*

Working time < 1min

Setting time < 1min 20s

INDICATIONS

SEALTEMP S - Classic retention strength

Temporary cementation of temporary crowns on normal abutment teeth and implants

Temporary cementation of temporary or definitive veneers

NEW SEALTEMP S Clear

Same as above, PLUS

Temporary cementation of temporary or definitive prosthetic elements, particularly when aesthetic is essential.



- ▶ Universal for standard indications of temporization
- ▶ For an invisible joint and a perfect aesthetic result!

REFERENCES & PRESENTATION

STDSC-8*	SEALTEMP S Clear 1x 5ml automix syringe + 10 tips
STS-25	SEALTEMP S 2x12,5g syringes (base + catalyst)
STDS-16	SEALTEMP S 2x 5ml automix syringes + 20 mixing tips
STDS-8	SEALTEMP S 1x 5ml automix syringes + 10 mixing tips
EM-100	100 brown mixing tips

MD : Class IIa certified by Tuv Rheinland (0197), excl. tips, Class 1. *soon available

>> CLINICAL CASE SEALTEMP S CLEAR

Temporary cementation of super thin veneers (Dr O. Etienne - Strasbourg University)



1. Trimming of 11 & 21 for ceramic veneers



2. Super thin provisory veneer



3. Injection of SEALTEMP S Clear into the intrados of the provisory veneers



4. Removing excess before setting, with a brush



5. Polishing of the provisory veneers with a brush mounted on a hand piece



6. Final result - invisible marginal seal and perfect aesthetic !

SEALTEMP

Self-cure temporary resin-based cements, eugenol-free

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

ADVANTAGES

Perio-friendly
Thanks to the smooth surface of the cement, the gum completely heals within 2 to 3 days
Any procedure (impression, etc) can be performed without facing bleeding problems of the gum
Suitable use on vital and non-vital teeth

Easy to remove
Chemically sticks to the intrados of the temporary crowns: The prepared teeth always remain clean

Repositioning
Simply apply a new layer of cement. In case of supra-occlusion, trim the external surface of the temporary crown.

Time saving
SEALTEMP
Working time : < 1min
Setting time < 1min 20s

INDICATIONS

SEALTEMP - Strong retention strength
Temporary cementation of temporary crowns on low abutment teeth.
Temporary cementation of long-term temporary crowns (2 months).
Semi-permanent cementation of crowns on implant, except prosthetics elements in Zirconia



► Highly retentive, ideal for semi-permanent cementation of crowns on implant

REFERENCES & PRESENTATION

ST-25	SEALTEMP 2x 12,5g syringes (base + catalyst)
STD-16	SEALTEMP 2x 5ml automix syringes + 20 mixing tips
STD-8	SEALTEMP 1x 5ml automix syringe + 10 mixing tips
EM-100	100 brown mixing tips

MD : Class IIa certified by Tüv Rheinland (0197), excl. tips, Class 1.

>> CLINICAL CASE SEALTEMP S

Temporary cementation of temporary bridge



1. Temporary bridge (try-in)



2. Injection of the cement in the temporary bridge



3. Luting of the temporary bridge



4. Temporary bridge sealed. Excess cement eliminated. Occlusion checked

RESTORATION

CEMENTATION

CORE BUILD-UP MATERIAL

TEMPORARY BRIDGES & CROWNS

IMPRESSION

OTHERS

EQUIPMENT

PROREZ

Dual-cure composite for temporary filling

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

ADVANTAGES

Fast setting : 45 sec (self-curing mode)

Easy to place, even in small or narrow cavities, with the dual syringe and its intra-oral tip

Thixotropic

Waterproof

Easy to remove with a probe or a curette

Aesthetic A3 shade



INDICATIONS

Temporary filling for inlay and onlay preparations

Temporary filling for implant screw holes

Temporary filling for other cavities to be protected (after endodontic treatments...)

REFERENCES & PRESENTATIONS

PRZ-16 2 x 5ml dual syringes + 20 tips

EMP-100 100 brown mixing tip

IMP-100 100 intra-oral tips

MD : Class IIa certified by Tüv Rheinland (0197), excl. tips, Class 1.

ELSOTEMP

Eugenol-free, fluoridated temporary filling cement

ADVANTAGES

Eugenol-free: does not hinder polymerization of resins and composites.

Soft before setting to allow a perfect application during the filling process.

Fast-setting

Hard after setting.

Stick to the walls of the tooth: ELSOTEMP remains in the cavity without peeling off

Easy to remove with a probe or an ultrasonic scaler

Easy to remove

CONSISTENCY

Grey soft

White standard

Pink hard



REFERENCES & PRESENTATIONS

TPP-B Temporary filling cement 6 x 28g white

TPP-G Temporary filling cement 6 x 28g grey

TPP-R Temporary filling cement 6 x 28g pink

MD class IIa (0197)

MADE IN FRANCE

PRODUCTION & CONDITIONING



RESEARCH & DEVELOPMENT

QUALITY CONTROL

HOW TO ORDER ?

Via a network of partner distributors

We have made the choice, for several years now, to focus exclusively on our manufacturing know-how. Thus, the different ranges of ELSODENT products are available worldwide from national general distributors, as well as via your usual regional and local sales representatives. List available on request.

CONTACT US

Technical & commercial support

Direct contact with our users is a precious link to which we are particularly attached. We therefore invite you to contact us in the event of an availability concern, delay, as well as for any technical questions and clinical information relating to the use of our products. We will be happy to answer them.

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www.elsodent.com

RESTORATION

CEMENTATION

CORE BUILD-UP MATERIAL

TEMPORARY BRIDGES & CROWNS

IMPRESSION

OTHERS

EQUIPMENT

CORE D

Dual-cure core build-up material

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

ADVANTAGES

Very thixotropic. Does not flow. No matrix needed. Improves operating field vision

Hardness equivalent to dentin. No difference between the composite and dentin during trimming

High flexural strength = **135 MPa**

High compressive strength ~ **330 MPa**

High conversion rate = 70%

SMART CONCEPT (p.5)

Easy-to-use with bonding systems
HEALBOND MP & HEALBOND MAX
WITHOUT ACTIVATOR

INDICATIONS

Restorations on vital on non-vital teeth

To seal root canal posts, in conjunction with a dual-cure bonding system (HEALBOND MP).



Very thixotropic
No matrix needed !



REFERENCES & PRESENTATIONS

CDD-25	25ml cartridge + 20 tips - dentin shade
CDB-25	25ml cartridge + 20 tips - white shade
EJ-100	100 yellow mixing tips
IJ-100	100 yellow intra-oral tips
IV-50	50 green intra-oral tips

MD : Class IIa certified by Tüv Rheinland (0197), excl. tips, Class 1.

>> CLINICAL CASE - Core build-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 reamer, accordingly with the anatomy of the root



3. Preparation completed



4. Choice of the suitable posts - Try-in-application of a conditioner on the posts and cavity (if necessary).



5. Application of HEALBOND MP on the post, canal wall and cavity. Application of CORE D SC on the post.



6. Gently insert the posts into the root canal. Polymerization starts immediately



7. Apply CORE D SC around the posts and onto the inner surfaces of the preparation



8. Restoration completed, Preparation of the abutment tooth can start



9. Preparation completed. Abutment tooth ready for impression

CORE D FLOW

Dual-cure core build-up flowable material

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

ADVANTAGES

Flowable, with thin tips, to allow injection in small and narrow cavities.

Hardness equivalent to dentin. No difference between the composite and dentin during trimming

High conversion rate = 68% (1h)

High flexural strength = **136 MPa**

High compressive strength ~ **330 MPa**

SMART CONCEPT (p.5)
Easy-to-use with bonding systems
HEALBOND MP & HEALBOND MAX
WITHOUT ACTIVATOR

INDICATIONS

Restorations on vital on non-vital teeth

To seal root canal posts, in conjunction with a dual-cure bonding system (HEALBOND MP).



REFERENCES & PRESENTATIONS

CDF-5	2 x 2,5ml syringes + 10 tips - dentine
EMP-100	100 brown mixing tip
IMP-100	100 intra-oral tips

MD : Class IIa certified by Tüv Rheinland [0197], excl. tips, Class 1.

CORE D LC

Light-cure core build-up material

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

ADVANTAGES

Easy set up, even in small and narrow cavities

Thixotropic. Set-up without matrix. Time saving and optimized operating field vision

Highly charged (70% by mass)

Amazing polymerization depth ~ **6 mm** after 40s

High flexural strength ~ **136 MPa**

High compressive strength ~ **360 MPa**

INDICATIONS

Restorations on vital on non-vital teeth



REFERENCES & PRESENTATIONS

CDLCB-6	2 x 3ml syringe + 10 needle tips (white)
CDLCD-6	2 x 3ml syringe + 10 needle tips (dentin)
IR-100	100 pink needle tips. Gauge 18.

MD : Class IIa certified by Tüv Rheinland [0197], excl. tips, Class 1.



FP

Root canal fiber posts

ADVANTAGES

Individual blister: no cross-contamination and easy selection

Translucent. Aesthetic and good light conduction

Rough surface. Exceptional cohesion with the composite and/or the cement

Radio-opaque (210% Al equivalent)

Elasticity modulus close to that of the tooth. Homogeneous repartition of the mechanical stress

Elasticity modulus = **60 GPa**
Flexural strenght = **1500 MPa**

Colour code on top of the post

Biocompatible : no toxicity

No corrosion or tooth structure discoloration

Compatible with all resin-based cements

Sterilization : 135°C, 2.1 Bar, 5 mn.

No change in flexural strength

Cylindrical posts with a conical end for the last 2 mm

INDICATIONS

To re-inforce the non-vital tooth structure



REFERENCES & PRESENTATIONS

KFP-15 KIT INTRO 3 x 5 posts (1,00mm - 1,20mm - 1,35mm), under individual blister + 3 assorted drills

FP-5-* Refill of 5 posts of the same size, individual blister

FP-3-* Refill of 3 drills of the same size

*Size

MD : Class IIa certified by Tüv Rheinland (0197)



THE EXPERTS




In partnership with Mr. SCHOOL, ELSODENT organizes training sessions on specific topics (eg: cementation A to Z)

 **Le collage de A à Z**
Cours et TP



The Instructor



Dental surgeon and general practitioner in Paris, founder of M.SCHOOL, I have made CAD/CAM and cementation the central points around which revolve my clinical activity, my research projects and my many contributions to the continuing education of surgeons- dentists.

Author of numerous publications and conferences on CAD/CAM, biomaterials and contemporary adhesive dentistry, I will be happy to share with you my clinical experience and my know-how in bonding.

The program

Understand the materials, guide your choices and control each step to improve the prognosis of your restorations in contemporary adhesive dentistry. Courses & Practical work.

Practical work equipment made available to participants.

Sessions are regularly planned all over the year. Contact us!

CLINICAL CASE

Devitalized tooth reconstruction by plastic-inserted material (RMIPP) using FP glass fiber, Core-D composite and HealBond MP adhesive, then assembling monolithic crown using opaque cement INNOCEM
Dr Christian MOUSSALLY (Paris)



1. Set up of the operating field



2. Etching



3. Rinse thoroughly



4. Drying of the root canal with a point of paper



5. Glass fiber post FP



6. Fiberglass handling with hemostats



8. Universal adhesive HEALBOND MP



9. Adhesive application in the root canal and in the pulp chamber



10. Adhesive application on the fiber post



11. Adhesive light-curing



12. Core D composite injection into the root canal and pulp chamber



13. Fiberglass coated with Core D



14. Tooth prepared after gum laser fitting



15. Significant collar dyschromia



17. Cement application in the intrados



18. Crown set up



19. Easy removal of cement excess



20. Final result



FP



HEALBOND MP



CORE D



INNOCEM

PHOENIX MD

Resin for temporary bridges and crowns

No BisGMA, TEGDMA, no added HEMA

ADVANTAGES

Thixotropic. does not flow and can be injected directly into the mouth around the abutment tooth

Very thin oxygen inhibition layer

Rebasable. A new layer can be applied on top of an existing one up to 2 or 3 days after max.

High flexural strength and slight resilience

Setting time = 2min 45s



Highly thixotropic

INDICATIONS

INDIRECT METHOD

Temporary crowns and bridges, with a silicone impression

DIRECT METHOD

Temporary crowns can be made directly in mouth within 3 minutes max.

DIRECT
& INDIRECT
METHOD

▶ Rebasable



REFERENCES & PRESENTATIONS

PHMD-50-A1 50ml cartridge + 10 mixing tips - shade A1

PHMD-50-A2 50ml cartridge + 10 mixing tips - shade A2

PHMD-50-A3 50ml cartridge + 10 mixing tips - shade A3

EJ-100 100 yellow mixing tips.

MD : Class IIa certified by Tüv Rheinland [0197], excl. tips, Class 1.

VIDEO



>> CLINICAL CASE | DIRECT METHOD WITH PHOENIX MD

1. 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.
2. Once, the tooth is completely covered, ask the patient to bite on the uncured resin.
3. After about 40 seconds, the resin reaches an elastic phase.
4. Trim the excess in the mouth, using a diamond bur, under water spray.
5. Trim the proximal walls outside of the mouth.
6. Polish the crown. Seal it with a temporary luting cement



1. 35 and 36 prepared. Impression completed.



2. Injection of PHOENIX MD starting by the sulcus.



3. Look of the temporary crowns after bite registration and polymerization



4. Sculpture directly in the mouth with a diamond bury



5. Temporary crowns finished and polished

PHOENIX

Resin for temporary bridges and crowns

No BisGMA, TEGDMA, no added HEMA

ADVANTAGES

High flexural strength > 100 MPa

Extremely reduced inhibition oxygen layer: the surface of the cured material is almost dry

Rebasable. A new layer can be applied on top of an existing one up to 2 or 3 days after max.

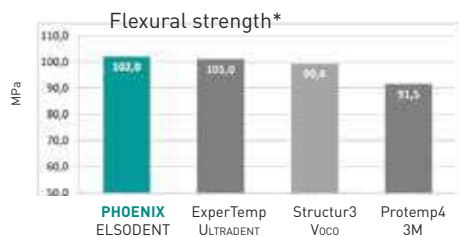
Easy and fast to use

Aesthetic

INDICATIONS

Temporary crowns

Small temporary bridges, with a silicone impression (indirect method)



* Tests carried out with a Zwick equipment, according to ISO 11405

ALL TEMP C&B
CLINICAL CASES
IN INDIRECT METHOD

▶ Rebasable



REFERENCES & PRESENTATIONS

PH-50-A1 50ml cartridge + 10 mixing tips - shade A1

PH-50-A2 50ml cartridge + 10 mixing tips - shade A2

PH-50-A3 50ml cartridge + 10 mixing tips - shade A3

EB-100 100 blue mixing tips.

MD : Class IIa certified by Tüv Rheinland (0197), excl. tips, Class 1.

>> CLINICAL CASE | INDIRECT METHOD WITH PHOENIX & PHOENIX MD

1. Inject PHOENIX 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.
 2. For incisors, use an intra-oral tip to be able to reach the bottom part of the impression.
 3. Also use an intra-oral tip to inject resin in the sulcus of the tooth, prior to putting back in the mouth the pre-impression loaded with resin, to get a perfect temporary crown.
 4. 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.
5. Wait for the resin to set completely in the impression, out of the mouth.
 6. Take the impression out of 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.



1. Teeth prepared.



2. Injection of PHOENIX in the pre-impression.



3. Temporary bridge in the impression.



4. Temporary bridge outside the impression.



5. Temporary bridge finished and polished.

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

HARMONY

Vinyl polyxilane impression materials

MATT ASPECT



ADVANTAGES

Specially developed to provide a very precise and highly hydrocompatible impression material

Matt appearance for a perfect and fast reading. Correction possible right away, if needed

High compressive strength

Good dimensional stability < 0.2%

Excellent coverage after distorsion > 99%



Thixotropic. Doesn't start to flow until the Putty is in place. Improves patient comfort. Accurate and "easy to take" impression.



REFERENCES & PRESENTATIONS

HPN-600	Putty soft, regular setting 2 x 300ml (base + catalyst)
HPF-600	Putty soft, fast setting 2 x 300ml (base and catalyst)
HM-100	Medium viscosity, regular setting - 2 x 50ml cartridges + 10 mixing tips
HLN-100	Low viscosity, regular setting - 2 x 50ml cartridges + 10 mixing tips
HLF-100	Low viscosity, fast setting - 2 x 50ml cartridges + 10 mixing tips
HM-200	Medium viscosity, regular setting - 4 x 50ml cartridges
HLN-200	Low viscosity, regular setting - 4 x 50ml cartridges
HLF-200	Low viscosity, fast setting - 4 x 50ml cartridges
EJ-100	100 yellow mixing tips
IJ-100	100 Intra-oral tips

MD Class I

INDICATIONS	WORKING TIME	SETTING TIME
Low viscosity, regular setting 2-steps impression (Wash Technique)	Min: 1'15"	Max: 2'50"
Low viscosity, fast setting 2-steps impression (Wash Technique)	Min: 1'15"	Max: 2'50"
Medium viscosity, regular setting. For "one step" impression procedure	Min: 2'00" Max: 2'30"	Min: 3'00" Max: 3'30"
Putty Soft, regular setting	Min: 2'00"	Max: 4'00"
Putty Soft, fast setting	Min: 1'15"	Max: 2'50"

STILLBITE

Bite registration silicone

ADVANTAGES

Fast set (45s) **High shore hardness** (95 shore A)

High precision 15µ

Thixotropic

Easy to trim. Good dimensional stability

Can be scanned with a laser/ optical/ touch system

Indiscernible viscosity for the patient.

INDICATIONS

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 with a CAO system

>> CLINICAL CASE

STILLBITE bite registration



REFERENCES & PRESENTATIONS

SB-100 2 x 50ml cartridges + 10 mixing tips

SB-200 4 x 50ml cartridges

EV-100 100 green mixing tips

MD Class I



ALGIPERF

Class A type I dental alginate

ADVANTAGES

Excellent elasticity: no tear off wand very good recovery after deformations

Thixotropic. Remains in the tray without leaking and gives perfect covering of teeth during printing

Dark colour for a good contrast to allow an easy and fast reading of the impression

Mint flavour

PHYSICAL PROPERTIES

Precision 20µ

Working time 1min 45s

Setting time (in mouth) ~ 30s

Compatibility Suitable with all plasters

Dimensional stability The impression can be kept for 4 days in a sealed plastic bag

NOTE Working and setting times are closely related to water temperature.



REFERENCES & PRESENTATIONS

AA-500 ALGIPERF 500g bag, dark green

MD class I

NOTREDAM

Multipurpose light-cure liquid dam

BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

ADVANTAGES

Low exothermic reaction to avoid harmful reaction of the mucosa

Excellent thixotropy for an easy setting

Versatile multi-purpose

Blue for a good contrast

INDICATIONS

Endodontic

To insure a waterproof joint of the rubber dam around a tooth during an endodontic session.

To build temporary tooth walls during endodontic sessions, to hold the irrigating liquid in place

Restorative dentistry

To hold Teflon® film in place when luting aesthetic veneers, or making a class II composite involving the contact point

Prosthodontic

To fill up undercuts before impression, to avoid tearing off the material

Bleaching

Protection of soft tissues during bleaching process

MULTI-PURPOSE



REFERENCES & PRESENTATIONS

ND-4 2 x 1,2ml (2g) syringes + 10 tips

ND-10 2 x 3ml (5g) syringes + 10 tips

LTL 100 black needle tips. Gauge 20

MD : Class IIa certified by Tüv Rheinland (0197), excl. tips, Class 1.

"I've been using NOTREDAM for years in endodontics: its thixotropy, its sufficient adhesion to dry dental tissues and especially its rigidity after polymerization make it possible to improve the tightness of the operating field, to mount provisional walls when they are missing and to raise the edges of the access cavity to increase the volume of irrigation solution. It is essential in my exercise and often avoids making a copper ring, which is more time-consuming."

Endodontics & Paro-implantology Specialist (94)



> CLINICAL CASES | using liquid dam NOTREDAM

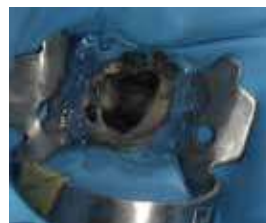
Dr MAFFI-BERTHIER (Paris)



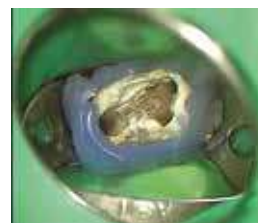
1a. Rubber dam in place



1b. Rubber dam sealed with NotreDam, to avoid water infiltration



2. Polymerization of NotreDam under glycerin.



3. To built temporary tooth walls



4. To ensure a waterproof joint between the tooth and the rubber dam



5. Protection of soft tissues during bleaching process

DUROC

Resin-based bite registration material, implant transfer caps splinting
 BIO+ formulation, BPA-free, no BisGMA, BisEMA, TEGDMA, no added HEMA

ADVANTAGES

- Thixotropic** : does not flow between teeth
- Fast setting time ~ 40 s
- Blue shade for a strong contrast
- Easy to trim excess
- The most rigid bite registration materials available
- High flexural strength
- Negligible linear shrinkage
- Burns with no residue

INDICATIONS

- IMPLANTOLOGY**
 Fixing together implant transfer caps before final impression
- Bite registration**
 To fix quickly and perfectly the two parts of a bridge infrastructure
 To elaborate inlays cores in direct method



REFERENCES & PRESENTATIONS

DU-50	50ml cartridge + 10 mixing tips
EJ-100	100 yellow mixing tips

MD : Class IIa certified by Tüv Rheinland (0197), excl. tips, Class 1.

RESTORATION

CEMENTATION

CORE BUILD-UP MATERIAL

TEMPORARY BRIDGES & CROWNS

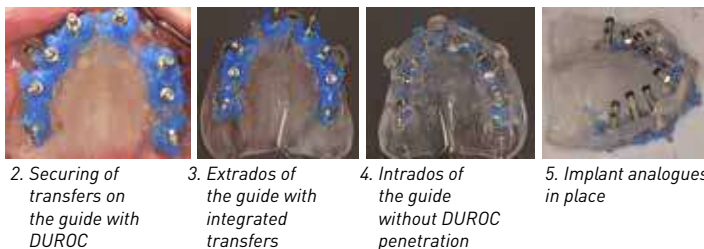
IMPRESSION

OTHERS

EQUIPMENT

>> CLINICAL CASES | DUCICP Odontology Dpt (Université Paris 7)

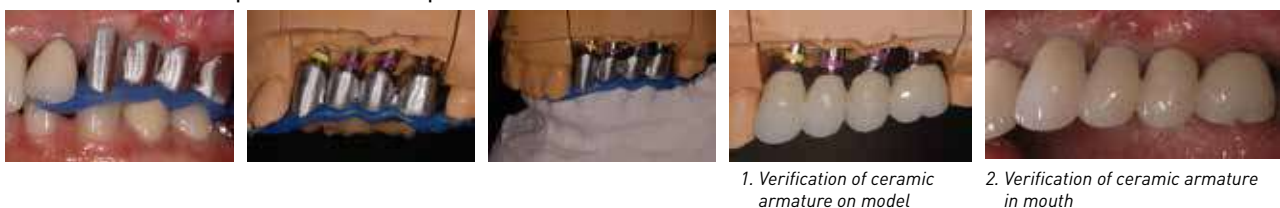
Supra-implant impression and immediate loading: securing of transfers



RIM check on implant abutments



RIM verification and adaptation armature implant



>> CLINICAL CASE
 Bite registration

1. [Image of bite registration in mouth]
 2. [Image of bite registration material]

ENDONEEDLE

Canulas for root canal irrigation



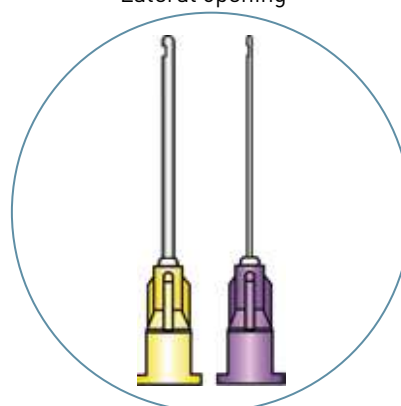
ADVANTAGES

Lateral opening and blunt end

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 (eg.: 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

Lateral opening



INDICATIONS

Cleaning root canals without risking a perforation of the apex

COMPOSITION

Base: Polypropylene grade 304

Cannula: Food grade stainless steel

REFERENCES & PRESENTATIONS

ED30-100	100 canulas G30 (0.30mm) - purple
ED27-100	100 canulas G27 (0.40mm) - yellow
ED23-100	100 canulas G23 (0.60mm)- blue
ED30-30	30 canulas G30 (0.30mm) - purple
ED27-30	30 canulas G27 (0.40mm)- yellow
ED23-30	30 canulas G23 (0.60mm) - blue
S3-100	100 sterile syringe 3ml Luer Lock
S5-100	100 sterile syringe 5ml Luer Lock

MD Class I

GUNS & TIPS



COMPATIBILITÉ

G-50 Dual cartridges 1:1 50ml

HARMONY | STILL BITE | DUROC | PHOENIX | PHOENIX MD

G-25 Dual cartridges 1:1 25ml

CORE D

G-10 Dual cartridges 1:1 10ml

CORE D | HARMONY | SEAL TEMP | DUROC | PHOENIX

G-0.25 Compuls (unit doses) 0,25ml

PURESHADE | PUREFILL 2 | CIRUS+

REFERENCES & PRESENTATIONS

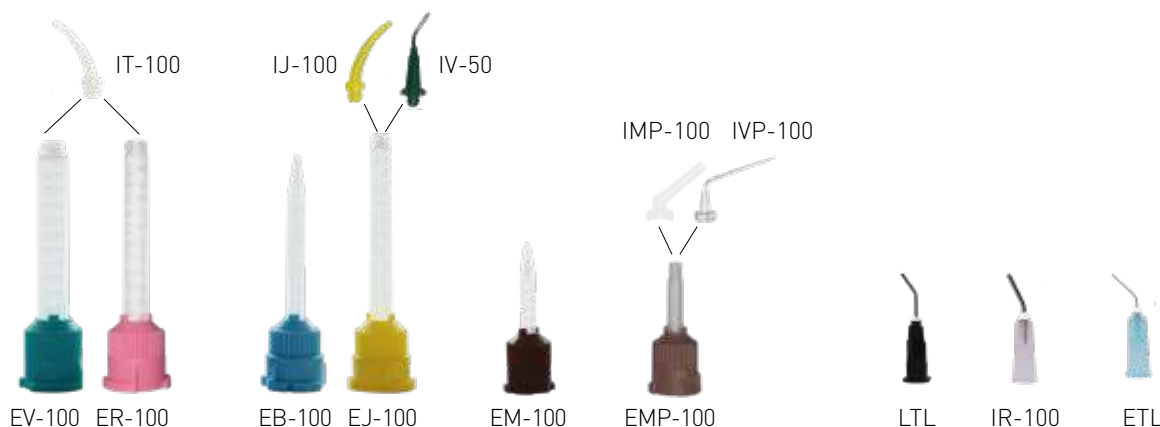
G-10 Gun for 10ml 1:1 syringes

G-25 Gun for 25ml 1:1 syringes

G-50 Gun for 50ml 1:1 syringes

G-0.25 Gun for 0,25ml compuls

MD : Class I



REFERENCES & PRESENTATIONS

EV-100 Green mixing tip (x 100)

ER-100 Pink mixing tip (x 100)

IT-100 Intra-oral tip for ER-100 and EV-100 (x 100)

EJ-100 Yellow mixing tip (x100)

IJ-100 Intra-oral tip for EJ-100 (x 100)

IV-50 Intra-oral tip metal for EJ-100 (x50)

EB-100 Blue mixing tip (x 100)

EM-100 Brown mixing tip (x100)

EMP-100 Brown mixing tip flat (x100)

EVP-100 Purple mixing tip, long and flat

IMP-100 Intra-oral tip for EMP (x 100)

IVP-100 Intra-oral mixing tip, for brown mixing tip EMP/EVP

EMO-50 Yellow mixing tips for automatic mixers (x 50)

IR-100 Intra-oral pink tip G18 (x100)

LTL Intra-oral black tip G20 (x100)

ETL Intra-oral blue tip G25 (x100)

MD Class I

RESTORATION

CEMENTATION

CORE BUILD-UP MATERIAL

TEMPORARY BRIDGES & CROWNS

IMPRESSION

OTHERS

EQUIPMENT

ULTIMA

Light-years ahead...

- ▶ New multi-cycle mode
- ▶ XL-diamètre lens (12,3mm)
- ▶ New full protection sleeves
- ▶ 4-years warranty

MULTI-MODE | MULTI-INDICATION

LIGHT-CURING | 4 MODES |

- > **SOFT**
750 mW/cm²
10s + beep 5s
- > **STANDARD**
1200 mW/cm²
20s + beep 5s
- > **BOOST**
2200 mW/cm²
3s
- > **NEW MULTI-CYCLE SEQUENTIAL BOOST**
10 x (3s ON + 2s OFF)

DIAGNOSIS | 2 MODES |

- > **DIAGNOSIS UV**
UV LED
- > **TRANSILLUMINATION**
White LED

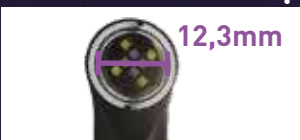
SPECIAL COVID-19



- > New full protection sleeves



VIDEO



- > **XL-diamètre lens !**
Perfect for general practice and orthodontic sessions



- > **Ultra-robust & light-weight**
Single-piece of aluminium, ergonomic and handy (21cm-95g)



- > Charging on base



- > **Continuous use** with a 2nd battery + universal charger (option)

REFERENCES & PRESENTATIONS

ULTI-G	Handpiece + Charging-base + Battery + 2 eyes protections + 100 sleeves. Aluminium
ULTI-N	Handpiece + Charging-base + Battery + 2 eyes protections + 100 sleeves. Black matt
ULTI-G500	New full protection sleeves x500
C-BAT	Universal charger (option)
BAT-3.7-L	Additional battery (option)

DM : classe I.



4-YEARS WARRANTY

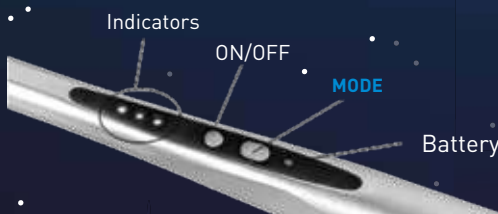
ULTIMA

Light-years ahead...

MULTI INDICATION GENERAL PRACTICE & ORTHODONTICS

MULTI MODE LIGHT-CURING & DIAGNOSIS.

4 LIGHT-CURING MODES				2 DIAGNOSIS MODES	
SOFT	STANDARD	BOOST	BOOST MULTICYCLE	UV DIAGNOSIS	TRANSILLUMINATION
⊗	⊗	●	☉	⊗	●
☉	●	●	☉	●	⊗
☉	●	●	☉	⊗	⊗
10s	20s	3s	10x (3s ON + 2s OFF)	120s	120s

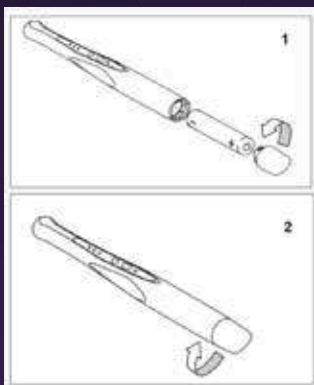


- ⊗ OFF
- ON fix
- ☉ ON flashing
- ▶ Press MODE button

ULTIMA curing light is a sealed unit with a sapphire-like hard surface and a scratch resistant glass lens.

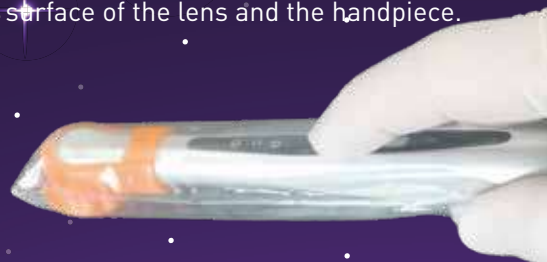
After each use, moisten a gauze or soft cloth with an anti-microbial surface disinfectant and wipe the entire surface of the lamp, including the lens. (cf IFU p.19)

Check the surface of the lens regularly, to find and remove cured dental resin residus.



Battery replacement [BAT-3.7L]

Single-use barrier sleeves prevent cross contamination and helps keep dental composite material from adhering to the surface of the lens and the handpiece.



Disposable full protection sleeve [ULTI-G500]

RESTORATION

CEMENTATION

CORE BUILD-UP MATERIAL

TEMPORARY BRIDGES & CROWNS

IMPRESSION

OTHERS

EQUIPMENT

ELSODENT also offers a classic line of composites, adhesives, resin-cements. Safe values, the clinical performance is recognized and the price is very affordable.

BONDING



H-BOND

COMPOSITE



CIRUS+

CIRUS Flow

H-BOND

Self-etching light-cure universal bonding agent

ADVANTAGES

UNIVERSAL

Powerfull shear bond strength to tooth structures, ceramic, metal and zirconia

SIMPLE

Quick and easy to use

Shear bond strength ~ 13,9 MPa

Can be used **with or without etching**



Optimized formulation H-BOND allows to be used **WITHOUT AN ACTIVATOR** with any dual or self cure product (core built up composites, resin-based cements)

**INDIRECT METHOD
WITHOUT ACTIVATOR**



INDICATIONS

Light-cure composites on tooth structures

Dual-cure mode (core build-up) without activator

REFERENCES & PRESENTATIONS

B-5 H-BOND - 5ml bottle

BU-50 H-BOND - Unit doses 50x 0,2ml

DM classe IIa (0197)

CIRUS+

Nano-hybrid, antero-posterior composite

ADVANTAGES

Economic syringe **4,5g**

Does not stick to instruments

Outstanding flexural strength = 130 MPa

Polymerization depth up to **4mm**

Reduced polymerization stress

Low shrinkage

Highly filled (75% by mass)

Easy condensable in posterior use

Easy handling in anterior use

INDICATIONS

Anterior restorations (class III and class IV)

Posterior restorations (class I, II and MOD)

Class V restorations

Aesthetic corrections

Diastema, hypoplasia, discoloration

Composite veneers (direct method)



REFERENCE & PRESENTATION

CIRN-4,5* Syringe 4,5g. VITA shades A1/B1 - A2 - A3 - A3,5 - B2 - C2 - Incisal - Bleach

CIRN-20* Unit dose 0,2g. VITA shades A1/B1 A2 - A3 - A3,5 - A4 - B2 - C2 - Incisal - Bleach

* Shade MD class IIa (0197)

CIRUS FLOW

Flowable composite

ADVANTAGES

Thixotropic, does not flow and remains in place

Time saving. No need for a metallic matrix

Very resistant. Flexural strength > 100 MPa

Highly filled (65% by mass)

Ideal in conjunction with CIRUS+, for the “Blond & Flow”

INDICATIONS

Restoration of small classes III and classes V

Its perfect thixotropy and its high flexural strength, make Cirus Flow the ideal flowable composite to fix fiber glass splints (mobile teeth, after orthodontic treatments)

“Bond & Flow” technique



REFERENCES & PRESENTATIONS

CIRF-3,6-* 2 x 1,2ml (minimum 2g) syringes + 5 tips

CIRF-7,2-* 4 x 1,2ml (minimum 2g) syringes + 20 tips

CIRF-7,2 4 x 1,2ml (minimum 2g) of the same shade + 20 tips. VITA shades : A2 - A3 - A3,5 - B2

IR-100 100 pink needle tips G20

* Shade VITA shades : A2, A3, A3,5, B2

MD class IIa (0197)

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