

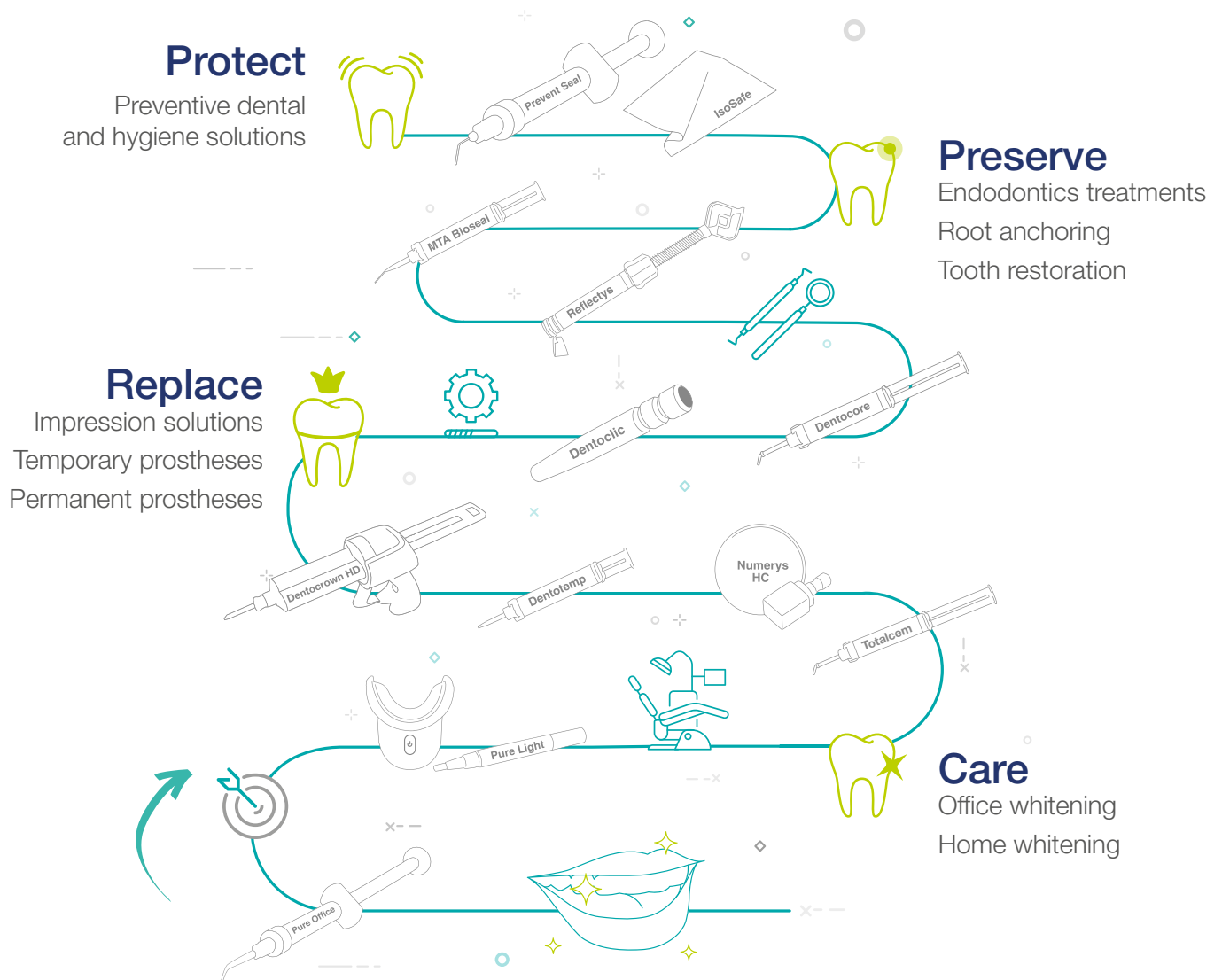
Catalog

Enhance your
daily practice



From Protection to Care

Our goal: to support you in providing the least invasive dentistry with the utmost care in the preservation of the teeth.



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Protect

Prevent Seal 6



IsoSafe 8



Prevent Seal¹

Self-etching light-cured pit
& fissure sealant



Key points

Self-etching

- > No etching or rinsing is required

Adhesion to enamel (20 - 25 MPa)

Contains fluorides

Light-curing to 4.5 mm

Application with extra-thin tips

- > For application of sealant without material loss

Penetration into grooves and fissures

Indications

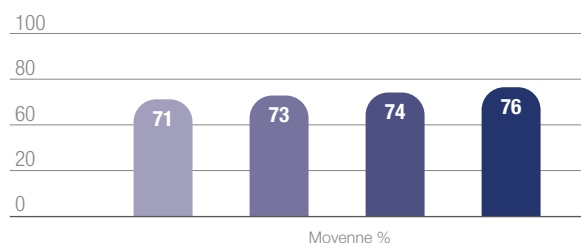
For the preventive sealing of pits and fissures, utilizing the self-etching technique.

Sealing with Prevent Seal gives protection to the susceptible tooth surface by protecting them with impenetrable resin layer, which prevents the penetration of bacteria.

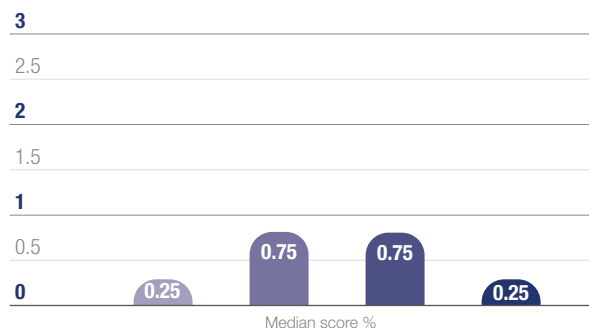
Comparative study of the sealing of 4 different materials for sealing shafts and cracks.

■ Clin Pro ■ Helioseal ■ Embrace ■ Prevent Seal

> Mean rate of fissure penetration of Prevent Seal vs competition*



> Penetration score of coloring in a fissure cemented with Prevent Seal vs competition*



Score 0. No penetration of the coloring

Score 1. Penetration limited to the exterior half of the cemented fissure

Score 2. Penetration reaching into the inside half of the cemented fissure

Score 3. Penetration of coloring into the fissure itself

TIPS AND TRICKS

> Use air abrasion then rinse the tooth carefully before applying the sealant. No aluminum particles should remain, as they reduce the adhesion of **Prevent Seal**.

> The prepared surface must be well dried before application of **Prevent Seal**, which is hydrophobic.

> Contains the camphorquinone photoinitiator. Use a lightcuring lamp which emits between 400 and 500 nm.



Prevent Seal

1x 1.4 g syringe + 10x 25G needle tips

PVSEAL

50 needle tips 25G¹⁷

PST

Clinical case

Case study by Dr Shalom Melher



Initial view.



1 Clean with a small brush under a stream of water.



2 Dry with care.



3 Apply **Prevent Seal**.



4 Allow to act for 15 seconds.



5 Light-curing for 20 seconds.



6 Check the occlusion.



Final view.

*Dr E. Savi, Pr C. Tardieu, Pr J. Déjou. Comparative evaluation of the sealing ability of 4 materials used for sealing pits and fissures. IMEB Laboratory, department of Odontology, Marseille's University.

IsoSafe²

Dental dams and accessories



IsoSafe latex dental dam

Size 6" x 6" (15.2x15.2 cm)
Medium thickness (0.28 mm)



IsoSafe non-latex dental dam

Size 6" x 6" (15.2x15.2 cm)
Medium thickness (0.25 mm)

Key points

Hypersensitivity reduction

- > Powder concentration less than 2 mg
- > Non-latex IsoSafe: made of polyisoprene

Tear and tensile resistance

- > High elongation over 700%
- > Uniform thickness:
 - 0.28 mm IsoSafe latex
 - 0.25 mm IsoSafe non-latex
- > Tensile resistance:
 - ≥ 24 MPa IsoSafe latex
 - ≥ 20 MPa IsoSafe non-latex

Color contrast

- > Tooth visibility within the dental arch

Indications

Dental dams

Pre-cut latex and non-latex dental dams used as isolation barriers during endodontic and dental procedures.

IsoSafe - Dental dams²

36 latex dams	ISDALA6X6BL-36
15 non-latex dams	ISDANL6X6PU-15



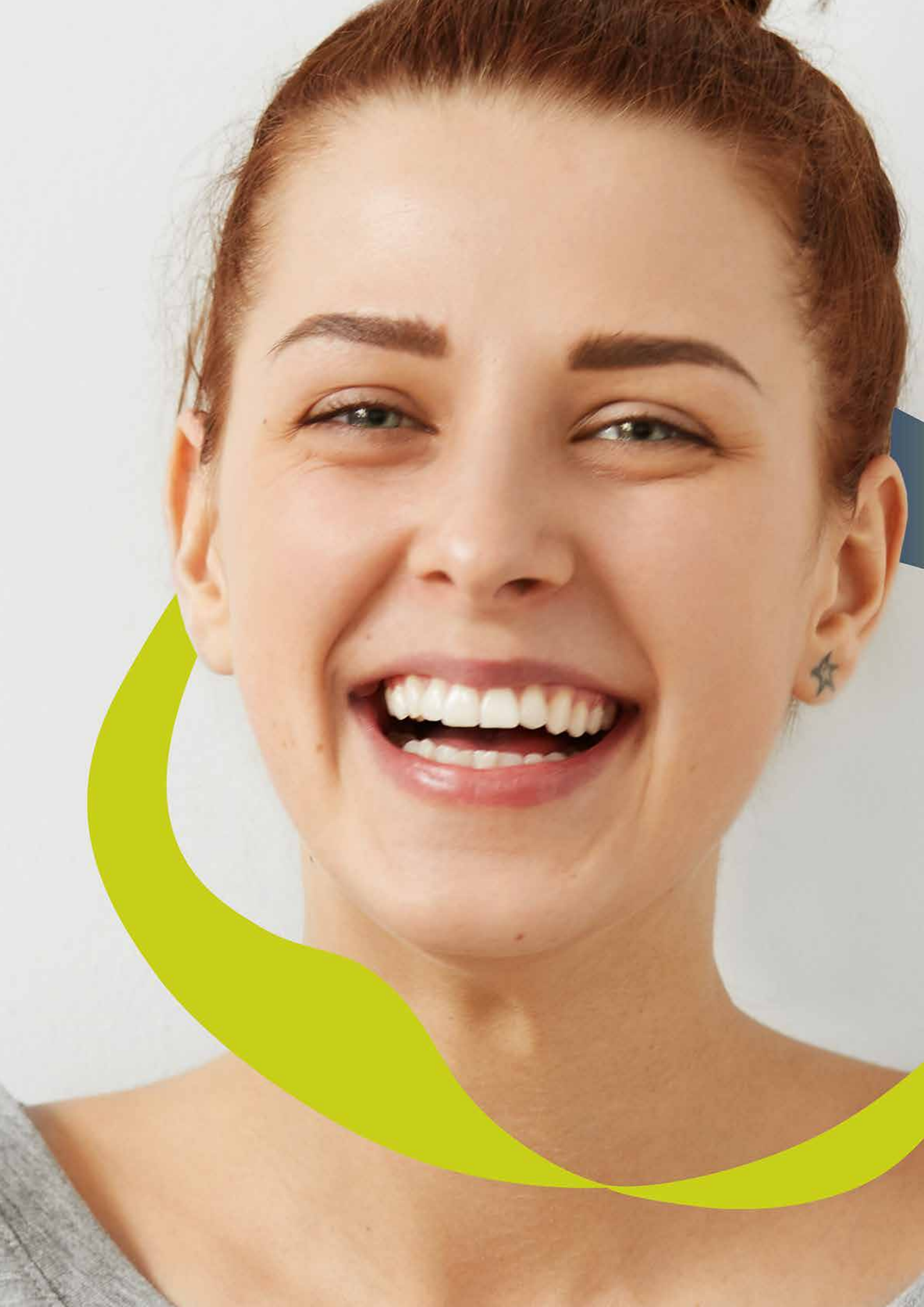
PROTECT

PRESERVE

REPLACE

CARE

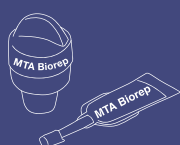
ACCESSORIES



Preserve

Endodontics

MTA Biorep 12



MTA Bioseal 13



Radicular Anchorage

Dentoclic 14

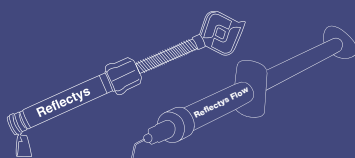


Dentocore &
Dentocore Body 22

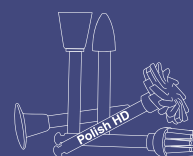


Composites Restoration

Reflectys &
Reflectys Flow 24



Polish HD 27

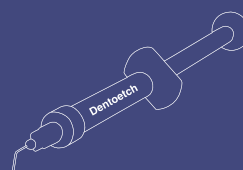


Adhesive systems Restoration

Iperbond Max 28



Dentoetch 29



MTA Biorep³

Bioceramic repair
cement

Key points

Effective tissue regeneration and remineralization*

- > High release of calcium hydroxide ions (Ca^{2+}), due to MTA composition

Practical handling & insertion into the dental cavity

- > High cement plasticity, thanks to fine hydrophilic mineral oxide particles

One-session treatment

- > Setting time 15 min

Dentist's preference

- > Choice of cement consistency, with 2 mixing modes (manual and automatic)
- > Economical single-dose packaging



MTA
powder
capsule

Setting activator
flask (liquid)

Clinical case

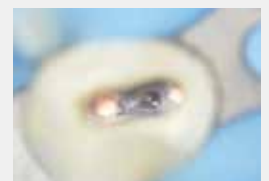
Case study by Dr Massimo Giovarruscio



Lower canine with two roots and more than one root canal. Irreversible pulpitis diagnosed, requiring root canal treatment (periapical inflammation).



2 Surgical microscope:
additional short median canal
between buccal and lingual
roots.



3 Obturation of buccal and
lingual canals by warm
vertical compaction with
MTA Bioseal obturation
cement and gutta-percha.

Indications

- Treatment of root canal and furcation perforations, caused by carious or iatrogenic lesions.
- Treatment of root perforations, caused by internal resorption.
- Pulp capping.
- Pulpotomy.
- Apexogenesis.
- Apexification.
- Periapical surgery with reverse filling.

MTA Biorep

2 capsules of powder + 2 flasks of setting activator

MTA-BRP2.2

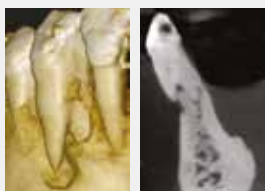
5 capsules of powder + 5 flasks of setting activator

MTA-BRP5.5

*Gandolfi, MG. (2014). Ion release, porosity, solubility, and bioactivity of MTA Plus tricalcium silicate. J Endod, 40(10), pp.1632-7. <https://pubmed.ncbi.nlm.nih.gov/25260736/>

MTA Bioseal³

Bioceramic root canal obturation cement



1 Additional short medial canal (CBCT scan), suggesting the use of a calcium silicate hydraulic material (MTA), which is easier to apply in this complex anatomy.



4 Median canal obturation with MTA Bioep.



Post-obturation X-ray.

Key points

Effective tissue regeneration and remineralization*

- > High release of calcium hydroxide ions (Ca^{2+}), due to MTA composition

Filling of all canals, including lateral ones

- > Thanks to a flow-enhancing MTA/resin mix and an adapted tip**

No tooth discoloration

- > Calcium tungstate formulation

MTA Bioseal

1x 4 g syringe + 10 mixing tips
+ 1 mixing block

MTA-BSEAL

Indication

For the permanent sealing of root canals and may be used in combination with root canal filling materials.

* Torabinejad, M. (1995). Investigation of mineral trioxide aggregate for root-end filling in dogs. J Endod, 21(12), pp. 603-8. <https://pubmed.ncbi.nlm.nih.gov/8596081/>
 ** Tanomaru-Filho, M. (2013). Radiopacity and flow of different endodontic sealers. Acta odontol latinoam, 26(2), pp. 1852-4834. http://www.scielo.org.ar/scielo.php?script=sci_arttext&pid=S1852-48342013000200010

Dentoclic

Fiberglass posts¹

Key points

Reproduction of mechanical constraints of dentin

- > Optimum ratio fiber (80%)/matrix (20%) provides compressive strength fracture resistance*
- > High concentration glassfibers in the longitudinal direction provides the post resistance and elasticity

Low extraction resistance and no delamination

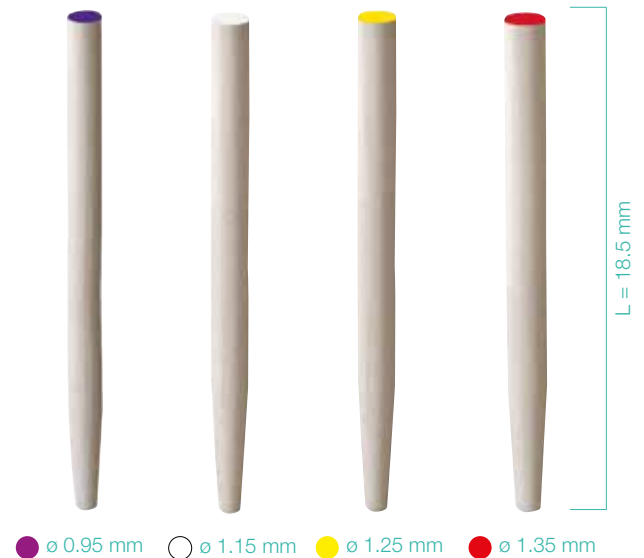
- > Longitudinal glass fibers

Natural aesthetic appearance of the final restoration

- > Translucent or ivory posts

Convenience of use

- > Color code according to diameters, drills/posts colorimetric correspondence



Indication

Prosthetic reconstruction of a tooth following root treatment.

TIPS AND TRICKS

To increase chemical bonding at the glassfiber/adhesive interface, apply silane to the surface of the post and dry it thoroughly before applying the adhesive.



How to apply a fiberglass post?

- > Remove the composite to individualize the post.
- > Drill a pilot hole in the fiberglass post to facilitate to access it more easily
- > Use either a waterless sonic or ultra-sonic diamond insert or a specific drill (Gates type) to delaminate the fiber in order to find the root canal under the reconstruction

Refills of 5 fiberglass posts

	Translucent	Ivory
● 18.5 mm ø 0.95 mm	FVTV5-1	FVOV5-1
○ 18.5 mm ø 1.15 mm	FVTA5-1.2	FVOA5-1.2
● 18.5 mm ø 1.25 mm	FVTJ5-1.3	FVOJ5-1.3
● 18.5 mm ø 1.35 mm	FVTR5-1.4	FVOR5-1.4

FIBERGLASS kit 20 fiberglass posts

	Translucent	Ivory
● 6 posts		
○ 6 posts		
● 4 posts		
● 4 posts		
1 pilot drill ø 0.95 mm	KFVT20	KFVO20
● ○ ● ● 4 cylindrical-conical drills		

*Internal report, Itena Clinical, "Dentoclic, Glass fibre posts for corono-radicular reconstruction".

Dentoclic

Sandblasted titanium posts¹

Key points

Durable, qualitative mechanical stress management

- > Roughness due to sandblasted titanium (7 - 10 µm)

Convenient to use

- > Color code according to diameters, drills/ posts colorimetric correspondence

Wide range of diameters & lengths (9 refs) :

- > Adapted to clinical cases (narrow, medium and wide root canals)



Indication

Temporary or permanent prosthetic reconstruction (direct or indirect method) following root canal treatment.

Refills of 20 sandblasted posts

9.6 mm ø 1.2 mm ○	TIA20-0
11.5 mm ø 1.2 mm ○ L	TIAL20-00
9.6 mm ø 1.3 mm ●	TIJ20-1
11.5 mm ø 1.3 mm ● L	TIJL20-01
11.6 mm ø 1.4 mm ●	TIR20-2
13.5 mm ø 1.4 mm ● L	TIRL20-02
13.6 mm ø 1.5 mm ●	TIB20-3
15.6 mm ø 1.6 mm ●	TIV20-4
17.6 mm ø 1.7 mm ●	TIN20-5

TITANIUM kit 75 sandblasted titanium posts

- 6 posts + 6 long posts
- 15 posts + 10 long posts
- 15 posts + 10 long posts
- 7 posts
- 3 posts
- 3 posts
- 1 pilot drill ø 0.95 mm
- ● ● ● ● ● 6 cylindrical-conical drills

KTI-75

Dentoclic

Stainless steel¹ & calcinables⁴ posts
cylindro-conical & conical

Key points

Durable, qualitative mechanical stress management

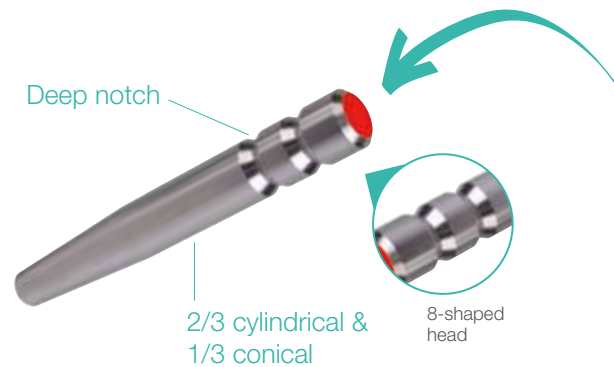
- > Post shape (2/3 cylindrical & 1/3 conical) adapted to the anatomical shape of the canal
- > 8-shaped head “double-clip effect” with a deep notch to lock the post in its seat and allow repositioning

Convenient to use

- > Color code according to diameters, drills/posts colorimetric correspondence

Wide range of diameters & lengths (30 refs)

- > Adapted to clinical cases (narrow, medium and wide root canals)



Indications

- **Stainless steel posts:** Temporary or permanent prosthetic reconstruction (direct or indirect method) following root canal treatment.
- **Calcinable posts:** Allow the prosthetist to make a post and core.





Refills of cylindro-conical posts

STAINLESS STEEL	x20	CALCINABLE	x40	x100
9.6 mm ø 1.2 mm ○	DIA20-095	9.5 mm ø 1.15 mm ○	DCAA40-095	-
11.5 mm ø 1.2 mm ○ L	DIAL20-114	11.4 mm ø 1.15 mm ○ L	DCAAL40-114	-
9.6 mm ø 1.3 mm ●	DIJ20-095	9.5 mm ø 1.25 mm ●	DCAJ40-095	DCAJ100095
11.5 mm ø 1.3 mm ● L	DIJL20-114	11.4 mm ø 1.25 mm ● L	DCAJL40-114	-
11.6 mm ø 1.4 mm ●	DIR20-115	11.5 mm ø 1.35 mm ●	DCAR40-115	DCAR100115
13.5 mm ø 1.4 mm ● L	DIRL20-134	13.4 mm ø 1.35 mm ● L	DCARL40-134	-
13.6 mm ø 1.5 mm ●	DIB20-135	13.5 mm ø 1.45 mm ●	DCAB40-135	DCAB100135
15.6 mm ø 1.6 mm ●	DIV20-155	15.5 mm ø 1.55 mm ●	DCAV40-155	DCAV100155
17.6 mm ø 1.7 mm ●	DIN20-175	17.5 mm ø 1.65 mm ●	DCAN40-175	DCAN100175



Refills of conical posts

STAINLESS STEEL	x20	CALCINABLE	x40	x100
9.25 mm ø 1.52 mm ●	CIJ20-09	9.20 mm ø 1.5 mm ●	CCAJ40-09	CCAJ100-09
11.25 mm ø 1.72 mm ●	CIO20-11	11.20 mm ø 1.7 mm ●	CCAO40-11	CCAO100-11
12.25 mm ø 1.80 mm ●	CIV20-12	12.20 mm ø 1.78 mm ●	CCAV40-12	CCAV100-12
13.25 mm ø 1.82 mm ●	CIR20-13	13.20 mm ø 1.8 mm ●	CCAR40-13	CCAR100-13
14.25 mm ø 2.02 mm ●	CIB20-14	14.15 mm ø 2 mm ●	CCAB40-14	CCAB100-14
16.25 mm ø 2.22 mm ●	CIV20-16	16.15 mm ø 2.2 mm ●	CCAV40-16	CCAV100-16

Dentoclic Scan Post¹⁵

Geometry indicators required for scanning post-and-core cases

Key points

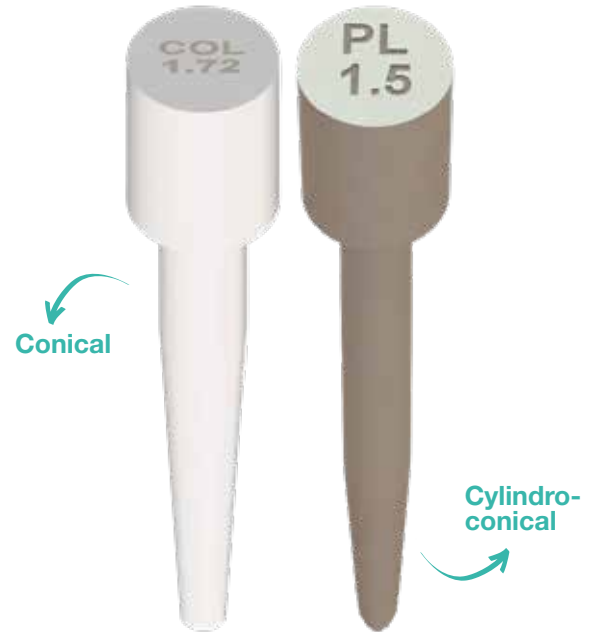
Compatible with Dentoclic stainless steel posts and drills

Dentoclic Scan Post library integrated into 3Shape™ solutions

Simplified workflow vs. traditional impression

Precise impression*: digital capture

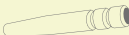
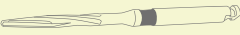
Autoclavable



Indications

- Dental prosthetic restorations
- Endodontic treatments

Dentoclic matching

Scan Post				Posts 		Drills 	
	Size		Reference	Size	Reference	Size	Reference
Cylindro-conical (P-Line)	PL 1.2 (L 16 mm ø 1.2 mm)	Long	DESP-CCCL1.2	○ L 11.5 mm ø 1.2 mm	DIAL20-114	○ ø 1.2 mm	DFA4-012 / FPFPA-1.2
	PS 1.2 (L 12 mm ø 1.2 mm)	Short	DESP-CCS1.2	○ L 9.6 mm ø 1.2 mm	DIA20-095		
	PL 1.3 (L 16 mm ø 1.3 mm)	Long	DESP-CCCL1.3	● L 11.5 mm ø 1.3 mm	DIJL20-114	● ø 1.3 mm	DFJ4-095 / FPFJ-1.3
	PS 1.3 (L 12 mm ø 1.3 mm)	Short	DESP-CCS1.3	● L 9.6 mm ø 1.3 mm	DIJ20-095		
	PL 1.4 (L 16 mm ø 1.4 mm)	Long	DESP-CCCL1.4	● L 13.5 mm ø 1.4 mm	DIRL20-134	● ø 1.4 mm	DFR4-115 / FPFPR-1.4
	PS 1.4 (L 12 mm ø 1.4 mm)	Short	DESP-CCS1.4	● L 11.6 mm ø 1.4 mm	DIR20-115		
	PL 1.5 (L 16 mm ø 1.5 mm)	Long	DESP-CCCL1.5	● L 13.6 mm ø 1.5 mm	DIB20-135	● ø 1.5 mm	DFB4-135 / FPFB-1.5
	PS 1.5 (L 12 mm ø 1.5 mm)	Short	DESP-CCS1.5				
	PL 1.6 (L 16 mm ø 1.6 mm)	Long	DESP-CCCL1.6	● L 15.6 mm ø 1.6 mm	DIV20-155	● ø 1.6 mm	DFV4-155 / FPFV-1.6
	PS 1.6 (L 12 mm ø 1.6 mm)	Short	DESP-CCS1.6				
	PL 1.7 (L 16 mm ø 1.7 mm)	Long	DESP-CCCL1.7	● L 17.6 mm ø 1.7 mm	DIN20-175	● ø 1.7 mm	DFN4-175 / FPFN-1.7
	PS 1.7 (L 12 mm ø 1.7 mm)	Short	DESP-CCS1.7				
Conical (D-Line)	COL1.52 (L 16 mm ø 1.52 mm)	Long	DESP-COL1.52	● L 9.25 mm ø 1.52 mm	CIJ20-09	○ ø N°1	CF4-01
	COS1.52 (L 12 mm ø 1.52 mm)	Short	DESP-COS1.52				
	COL1.72 (L 16 mm ø 1.72 mm)	Long	DESP-COL1.72	● L 11.25 mm ø 1.72 mm	CIO20-11		
	COS1.72 (L 12 mm ø 1.72 mm)	Short	DESP-COS1.72				
	COL1.82 (L 16 mm ø 1.82 mm)	Long	DESP-COL1.82	● L 13.25 mm ø 1.82 mm	CIR20-13		

* Zarbakhsh, A. (2021). Accuracy of Digital Impression Taking Using Intraoral Scanner versus the Conventional Technique. *Frontiers in Dentistry*, 18(6). <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9355861/>

Clinical case

Example of a clinical case by Dr Da Silva and Dr Dieryckx



Initial view:
preoperative control



6 Machining the **Numerys**
GF fiberglass inlay-core



1 Post-endodontic treatment



7 Application of **Silan-It** on
the inlay-core



2 Drilling of the canal using
Dentoclic Pilot then
cylindro-conical drills



8 Placement of the inlay-core



3 X-ray with the drill placed in the
canal



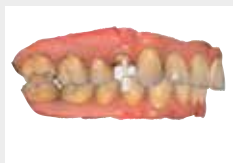
9 Digital impression before
temporary crown placement



4 Placement of **Scan Post**
Dentoclic cylindro-conical
in the canal



Final view with inlay-core and
crown



5 Digital impression

Dentoclic

Drills¹

Indications

Designed to prepare the space for the posts and keys:

- **Pilot drills** help widen the canal
- **Cylindro-conical, conical or performance drills** prepare the holding for the root post according to the practitioner's choice

Pilot drills



Set of 4 pilot drills

ø 0.75 - 1 groove	FP-075
ø 0.90 - 2 grooves	FP-090
ø 0.95 - 3 grooves	FP-095
ø 1.05 - 4 grooves	FP-105
4 drills assortment	FPASSORT

Conical drills

Used with yellow, orange and red conical drills



Used with green, blue and purple conical posts

Set of 4 conical drills

N°1 ○	CF4-01
N°2 ●	CF4-02
4 drills assortment N°1 ○ x 2 + N°2 ● x 2	CF4-MIX

Gate drills



Set of 6 Gate drills

	28 mm	32 mm
ø 0.50 - 1 groove	FG1-28	FG1-32
ø 0.70 - 2 grooves	FG2-28	FG2-32
ø 0.90 - 3 grooves	FG3-28	FG3-32
ø 1.10 - 4 grooves	FG4-28	FG4-32
ø 1.30 - 5 grooves	FG5-28	FG5-32
ø 1.50 - 6 grooves	FG6-28	FG6-32
6 drills assortment	FGASSORT-28	FGASSORT-32

Gate or largo drills widen and straighten the coronal third of the canals in order to provide improved access for instruments used to work on the canals. Their use is limited to the right section of the canals.

Cylindro-conical drills



Set of 4 cylindro-conical

ø 1 mm ●	DFV4-010
ø 1.2 mm ○	DFA4-012
ø 1.3 mm ●	DFJ4-095
ø 1.4 mm ●	DFR4-115
ø 1.5 mm ●	DFB4-135
ø 1.6 mm ●	DFV4-155
ø 1.7 mm ●	DFN4-175

Performance drills



Set of 3 Performance drills

ø 1.2 mm ○	FPFA-1.2
ø 1.3 mm ●	FPFJ-1.3
ø 1.4 mm ●	FPFR-1.4
ø 1.5 mm ●	FPFB-1.5
ø 1.6 mm ●	FPFV-1.6
ø 1.7 mm ●	FPFN-1.7

Largo drills



Set of 6 Largo drills

	28 mm	32 mm
ø 0.70 - 1 groove	FL1-28	FL1-32
ø 0.90 - 2 grooves	FL2-28	FL2-32
ø 1.10 - 3 grooves	FL3-28	FL3-32
ø 1.30 - 4 grooves	FL4-28	FL4-32
ø 1.50 - 5 grooves	FL5-28	FL5-32
ø 1.70 - 6 grooves	FL6-28	FL6-32
6 drills assortment	FLASSORT-28	FLASSORT-32

Dentoclic

Stainless steel¹ & calcinable⁴ pins

Indications

- **Steel pins:** Temporary or permanent prosthetic reconstruction (direct or indirect method) following root canal treatment.
- **Calcinable pins:** Allow the prosthetist to make a post and core.

Conical pins refills

○ 10 stainless steel pins 23.25 mm, ø 1.8 mm	CCLAI10
● 20 calcinable pins 23 mm, ø 1.75 mm	CCLACA20

Cylindro-conical pins refills

STAINLESS STEEL	x10
22 mm ø 1.2 mm ○	DCLAIA-10
22 mm ø 1.3 mm ●	DCLAIJ-10
22 mm ø 1.4 mm ●	DCLAIR-10
22 mm ø 1.5 mm ●	DCLAIB-10
22 mm ø 1.6 mm ●	DCLAIV-10
22 mm ø 1.7 mm ●	DCLAIN-10



CALCINABLE	x20
22 mm ø 1.15 mm ○	DCLACA-20
22 mm ø 1.25 mm ●	DCLACJ-20
22 mm ø 1.35 mm ●	DCLACR-20
22 mm ø 1.45 mm ●	DCLACB-20
22 mm ø 1.55 mm ●	DCLACV-20
22 mm ø 1.65 mm ●	DCLACN-20

Kits

PREMIUM kit

100 stainless steel & 100 calcinable cylindro-conical posts

○ 10 stainless steel + 10 calcinable	
● 20 stainless steel + 20 calcinable	
● 20 long stainless steel + 20 long calcinable	
● 20 stainless steel + 20 calcinable	
● 15 long inox + 15 long calcinable	
● 15 stainless steel + 15 calcinable	
1 pilot drill ø 0.95 mm	
○ ● ● L ● ● L ● 6 cylindro-conical drills	KPREMIUM

EXCELLENCE kit

125 stainless steel & 125 calcinable cylindro-conical posts

○ 10 stainless steel + 10 calcinable	
● 40 stainless steel + 40 calcinable	
● 40 stainless steel + 40 calcinable	
● 25 stainless steel + 25 calcinable	
● 8 stainless steel + 8 calcinable	
● 2 stainless steel + 2 calcinable	
1 pilot drill ø 0.95 mm	
○ ● ● ● ● ● 6 cylindro-conical drills	KEXCEL

CONICAL kit

125 stainless steel & 125 calcinable conical posts

● 40 stainless steel + 40 calcinable	
● 40 stainless steel + 40 calcinable	
● 25 stainless steel + 25 calcinable	
● 10 stainless steel + 10 calcinable	
● 8 stainless steel + 8 calcinable	
● 2 stainless steel + 2 calcinable	
1 pilot drill ø 0.90 mm	
○ 2 conical drills n°1 + ● 2 conical drills n°2	KC-250

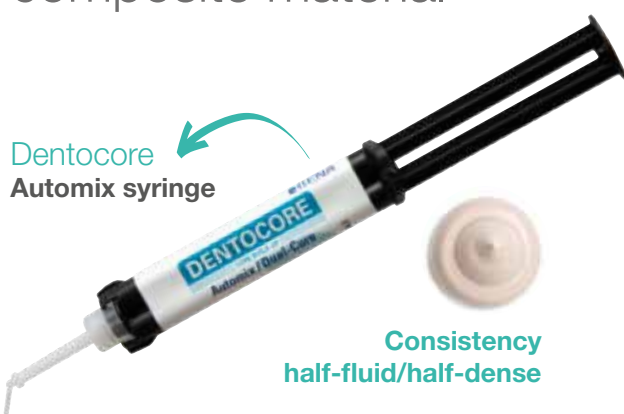
PERFORMANCE kit

125 stainless steel & 125 calcinable cylindro-conical posts

○ 10 stainless steel + 10 calcinable	
● 40 stainless steel + 40 calcinable	
● 40 stainless steel + 40 calcinable	
● 25 stainless steel + 25 calcinable	
● 8 stainless steel + 8 calcinable	
● 2 stainless steel + 2 calcinable	
1 pilot drill ø 0.75 mm	
○ ● ● ● ● ● 6 performance drills	KPERF-250

Dentocore & Dentocore Body¹

Core build-up and post cementation composite material



Key points

Solid support for final reconstruction

- > High degree of polymerisation - PHB technology (Hyperbranched Multi-Methacrylate Polymers) and nanoparticles
- > Limited shrinkage

Convenient to use

- > Consistent, homogeneous mix for controlled application and distribution
- > Dual cure

Two different viscosities to suit different applications

- > **Dentocore:** has a light viscosity that enables it to flow into fissures and narrow spaces. Can be used for endodontics
- > **Dentocore Body:** stays in place even in the case of complex maxillary abutments. Spreads evenly under pressure
- > Time saving: same product used to seal and restore the core



Indication

A dual-cure, fluoride releasing, resin composite material designed for the fabrication of core build-ups.

Technical data*

- > Shrinkage rate 1.2 %
- > Working time 1 min 30 - 3 min 30
- > Auto setting time 2 min 30 - 4 min 30



*Internal report, Itena Clinical , "Dentocore -Core Build-Up".

Clinical case

Example of a clinical case by Dr Massimo Giovarruscio



Lower canine with two roots. Irreversible pulpitis diagnosed, requiring root canal treatment (periapical inflammation).



Root canal treatment and obturation with **MTA Biorepair** repair cement and **MTA Bioseal** obturation cement.



1 After root canal treatment, a matrix is fitted for restoration.



2 Cleaning and preparation of access cavity.



3 Testing the **Dentoclic** fiberglass post.



4 Preparation of the **Dentoclic** fiberglass post, using **Silan-It** silane and adhesive.



5 Application of adhesive in the canal, followed by light-curing for 40 seconds.



6 Injection of **Dentocore** material into the canal.



7 Application of **Dentocore** onto the post, then insertion of the post into the canal.



BEFORE



AFTER

Tooth treatment in a single visit:

- Root canal treatment and obturation (**MTA Biorepair** and **MTA Bioseal**).
- Corono-radicular reconstruction (**Dentocore** and **Dentoclic**).
- Then restoration with **Reflectys** universal composite.

Final result: Complete treatment, from canals to aesthetic restoration.

Dentocore

White cartridge	
1x 50 ml (90 g) cartridge + 25 mixing tips + 25 intraoral tips	DCB-50
A3 cartridge	
1x 50 ml (90 g) cartridge + 25 mixing tips + 25 intraoral tips	DCA3-50
A3 Automix syringe	
9 g Automix syringe + 10 mixing tips + 10 thin intraoral tips + 10 extra-thin intraoral tips	DCSAK1

Dentocore Body

A3 cartridge	
1x 50 ml (90 g) cartridge + 25 mixing tips+ 25 intraoral tips	DCBODY-50
A3 Automix syringe	
1x 9 g Automix syringe + 10 mixing tips + 10 thin intraoral tips + 10 extra-thin intraoral tips	DABODY1-10
Syringe A3 Automix - Value Pack	
3x 9 g Automix syringes + 30 mixing tips	DABODY3-VP

Refills of mixing tips

Syringe¹⁶

20 mixing tips	DTEM-20
25 mixing tips + 25 thin intraoral tips (Length 100 mm Ø 1.1 mm)	DCE-50
25 mixing tips + 25 extra-thin intraoral tips (Length 135 mm Ø 0.09 mm)	DCEXF-50

Cartridge⁹

25 blue mixing tips	186213
25 yellow intraoral tips	186214

Dispensing Gun⁹

Dispensing gun for 1:1 / 2:1 50 ml cartridge	185761
--	--------

Reflectys & Reflectys Flow¹

Universal composite for anterior and posterior restorations



Key points

Natural aesthetic finish

- > Color stability over time, due to low discoloration rate*
- > Mimics the translucency and brilliance of natural teeth thanks to nanofillers**
- > Wide range of shades (17) and translucency levels (4)

Deep & homogeneous curing

- > Curing depth of 2.95 mm for Reflectys and 2.50 mm for Reflectys Flow

Easy handling

- > High filler concentration (80%) facilitates shaping and polishing and prevents sticking to instruments***
- > Secure closure and composite preservation, through the cap glued to the syringe
- > Fine tip for Reflectys Flow

Indications

Reflectys

- Class I, II, V of posterior teeth.
- Class III, IV, V of anterior teeth and cervical cavities (wedge shaped defect) involving root surfaces.

Reflectys Flow

- Class V restorations (cervical caries, root erosion, wedge shaped defects).
- Anterior restorations (Class III, IV).
- Small posterior restorations.
- Extended fissures sealing in molars and premolars.
- Repair of composite/ceramic veneers.
- Blocking out of undercuts.

*Raeisasadat, F. (2017). Staining Microhybrid Composite Resins With Tea and Coffee. *Avicenna J Dent Res*, 9(1). https://www.researchgate.net/publication/319905032_Staining_Microhybrid_Composite_Resins_With_Tea_and_Coffee

**Mikhail, SS. (2013). Optical characteristics of contemporary dental composite resin materials. *J Dent*. 41(9), pp. 771-8. <https://pubmed.ncbi.nlm.nih.gov/23851132/><https://pubmed.ncbi.nlm.nih.gov/27546859/>

***Vreven, J. (2005). Résines composites. *EMC Odontologie*. <https://www.em-consulte.com/article/38204/resines-composites>.

Clinical case

Clinical case by Dr Massimo Giovarruscio



Lower canine with two roots. Irreversible pulpitis diagnosed, requiring root canal treatment (periapical inflammation).



Root canal treatment and obturation using **MTA Biorep** repair cement and **MTA Bioseal** obturation cement.



1 Corono-radicular reconstruction using a **Dentoclic** fiberglass post and **Dentocore** material.

Reflectys composite was then used to restore the tooth in successive stages.



2 Application of adhesive.



3 Placement of **Reflectys** composite (A3 shade then enamel).



4 Tooth polishing with **Polish HD** polishers.



BEFORE



AFTER

Tooth treatment in a single visit:

- Root canal treatment and obturation (**MTA Biorep** and **MTA Bioseal**).
- Corono-radicular reconstruction (**Dentocore** and **Dentoclic**).
- Then restoration with **Reflectys** universal composite.

Reflectys		
Shades	1x 4 g syringe + 1 spatula	20x 0.25 g compules
Bleach	SRTYS-BLC	CPTYS-BLC
A1	SRTYS-A1	CPTYS-A1
A2	SRTYS-A2	CPTYS-A2
A3	SRTYS-A3	CPTYS-A3
A3.5	SRTYS-A3.5	CPTYS-A3.5
A4	SRTYS-A4	CPTYS-A4
B1	SRTYS-B1	CPTYS-B1
B2	SRTYS-B2	CPTYS-B2
B3	SRTYS-B3	CPTYS-B3
C2	SRTYS-C2	CPTYS-C2
C3	SRTYS-C3	CPTYS-C3
D3	SRTYS-D3	CPTYS-D3
Enamell	SRTYS-E	CPTYS-E
Incisal	SRTYS-I	CPTYS-I
Pedo	SRTYS-P	CPTYS-P
Opaque A2	SRTYS-A20	CPTYS-A20
Opaque A3	SRTYS-A30	CPTYS-A30

Reflectys Flow		
Shades	1x 2 g 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	

Reflectys - Restoration kit

4 **Reflectys** syringes (A2, A3, A3.5, B2) + 1 adhesive **Iperbond max** KTYS-4.1B

Reflectys - Stratification kit

7 **Reflectys** syringes (A1, A2, A3, Opaque A2, Opaque A3, Enamel, Incisal) + 1 **Iperbond Max** adhesive + 1 syringe of **Dentoetch** etching gel KTYS-7.2BE

Reflectys - Accessory

Gun for compules¹⁹ REG

Polish HD⁵

Composite polishers

Key points

Convenience of use

- > **Twist:** polishes all surfaces with a single instrument. Medium-grit polishers (pre-polishing) and fine-grit polishers (polishing)
- > **Brush:** polishes the occlusal surfaces, including pits and fissures. Medium-grit polishers (pre-polishing) and fine-grit polishers (polishing)

Time-saving

- > 2 steps (instead of 4)
- > Use without polishing paste

Natural aesthetic finish

Reduced risk of microbial contamination

- > **Contamination:** single use instrument



Simplified protocol



Twist
Anterior restorations



Brush
Posterior restorations



Other shapes



Cup
Lingual and palatal surfaces of anterior restorations, posterior cusps, proximal lines and angles.



Flame
Fissures, occlusal reliefs and cervical area.



Lens
Vestibular surface of incisors, composite surfaces, incisal angles and interproximal areas.

Indications

Reduction or surface conditioning of dental tissues such as dental enamel and dental materials such as composites, metal alloys, ceramics and dental resins.

Polish HD		
	12 Flame polishers	PLFLAM-12
	12 Cup polishers	PLCUP-12
	12 Lens polishers	PLLENS-12
	12 Brush polishers (medium-grit)	PLBRUSH-12
	12 Brush polishers (fine-grit)	PLBRUSHF-12
	12 Twist polishers (medium-grit)	PLTWM-12
	12 Twist polishers (fine-grit)	PLTWF-12
	6 assorted polishers (medium-grit) (x2  , x2  , x2 )	PLASSORT-6
	12 assorted polishers Medium-grit (x3  , x3 ) + Fine-grit (x3  , x3 )	PLTATO-12
	20 assorted polishers (medium-grit) (x5  , x5  , x5  , x5 )	PLASSORT-20

Iperbond Max^{7a}

Universal adhesive
(8th generation)

Can be used with
self-etching
& selective etching



Key points

Stronger and longer-lasting bonding

- > 2 monomers 4-META and 10-MDP
- > Stability over time measured by marginal adaptation (dentin: 95% to 97%, quality 1 enamel: 99% to 100%, quality 1)*

Time-saving

- > 3-in-1 product (primer, adhesive and etching)**

Practical use

- > 1 single bottle,
1 single application step

Patient comfort

- > Soft etching (2< pH< 2.5)

Clinical case

Using Iperbond Max in etch and rinse mode (direct restoration).



Initial view.



1 Etching of enamel with **Dentoetch**. Application time: 30 seconds.



2 Rinsing and drying in dry air.



3 Application of **Iperbond Max** adhesive to the entire tooth wall. Application time: 20 seconds.



4 Drying of adhesive in dry air.



5 Curing.

Indications

- Direct light-cured composite restorations onto natural teeth.
- Indirect restorations made from composite, ceramic and metal (inlays, onlays, veneers, crowns) with light-cured and dual-cured luting composites.
- Repairs to fractured restorations.

Iperbond Max

1x 5 ml bottle

IP-5

*Neppelenbroek, KH. (2015). The clinical challenge of achieving marginal adaptation in direct and indirect restorations. J Appl Oral Sci, 23(5), 448-9.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4621935/>

**Carrilho, E. (2019). 10-MDP Based Dental Adhesives: Adhesive Interface Characterization and Adhesive Stability-A Systematic Review. Materials (Basel), 12(5), pp.790.
<https://pubmed.ncbi.nlm.nih.gov/30866488/>

Dentoetch¹¹

Etching gel
(phosphoric acid 37%)

5 ml syringe



Needle tips

Key points

Gel differentiation: contrasts with the tooth via its "azure blue" color

Viscosity allows product to stay in place

Adjustable tip for gel placement
(included composite preparations in distal or lingual areas)

Economical format: 5 syringes

Indication

Etching tooth enamel and dentin when preparing surfaces for the application of composites.

Dentoetch

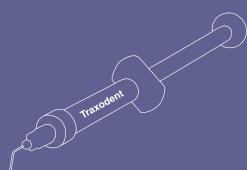
1x 5 ml syringe + 8 needle tips 25G	DE-5
5x 5 ml syringes + 16 needle tips 25G	DEVP5-5
50 needle tips 25G ¹⁷	DET



Replace

Impression solutions

Traxodent 32



Hydrospeed HD 33



Temporary prostheses

Dentocrown HD 34 Dentotemp 36

Provitemp 38



Permanent prostheses

Ceram-Etch 39

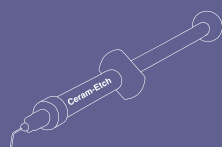
Numerys GF 40

Totalcem 42

Silan-It 39

Numerys HC 41

Total C-ram 43



Traxodent⁶

Hemostatic gingival retraction paste

Ergonomic 0.7 g syringe
(average of 5 applications)



Airtight resealable aluminum pouch

The paste does not dry out, and can be stored

Key points

Retraction in 2 min

- > Compression to stop bleeding while absorbing gingival fluids

Convenience of application, rinsing and disposal

Hemostasis

- > Spreading tissue in contact with air via chemo-mechanical expansion

Maneuverable, adjustable tips

Indication

Specifically formulated to provide chemo-mechanical gingival retraction and hemostasis. It is intended for use prior to taking an impression, cementation, cavity preparation or whenever hemostasis and retraction is required.

Traxodent

2x 0.7 g syringes 16G + 6 needle tips	TRASTRT-2
7x 0.7 g syringes 16G + 15 needle tips	TRABOI-7
25x 0.7 g syringes 16G + 50 needle tips	TRAPACK-25

Tips¹⁸

20 needle tips 16G	TRAEMB-20
60 needle tips 16G	TRAEMB-60

Hydrospeed HD¹²

Addition-crosslinking
silicone-based high
precision impression
material (VPS*)

Cartridges for mixing gun

Max application time (23°C): 1 min
Setting time (37°C): 2,30 min



Bite registration

Max application time (23°C): 30 s
Setting time (37°C): 1 min



Pots

Max application time (23°C): 30 s
Setting time (37°C): 2 min

Key points

Convenient to use

- > Easy impression taking, with elastic memory >99%
- > Thixotropic material (stays in place, does not sink)

29 to 38% material savings thanks to tips

Compatible with all impression techniques



Indications

Impression material

Detailed impression of inlay, onlay, crown and bridge preparation.

Bite registration

- Intra-oral bite registration
- Bite registration for orthodontic needs



EXAMPLE OF IMPRESSION WITH HYDROSPEED HD

Impression material

A. ● Light Body Quick 4x 50 ml cartridge + 12 yellow mixing tips + 4 yellow intra-oral tips	HYLBQ4-50
B. ● Putty Soft Quick 1x 300 ml catalyst pot + 1x 300 ml base pot + 2 spoons	HYPsq2-300

Tips impression material

	Ref.
C. 50 yellow mixing tips	MIXTYE-50
D. 50 yellow intraoral tips	IOTYE-50

Bite registration

E. ● Bite Registration 2x 50 ml cartridge + 6 green mixing tips	HYREG2-50
---	-----------

Tips bite registration

F. 50 green mixing tips	MIXTGR-50
G. 50 transparent flat tips	IOTTR-50

Accessorie⁹

50 ml 1:1 / 2:1 mixing gun	153241
----------------------------	--------

Dentocrown HD¹

Temporary restoration material

*Re-Discover
Dentocrown HD*



Mixing tips & thin intra-oral tips

Key points

- Setting time: 2 min 30
- Material stability during chewing
- Natural aesthetic appearance
- Ergonomic gun



Mixing gun

Indication

Composite resin for making crowns, temporary bridges, inlays, onlays and veneers.

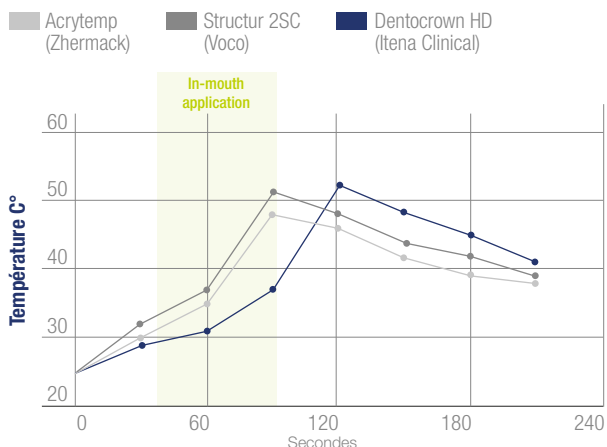


Technical data*

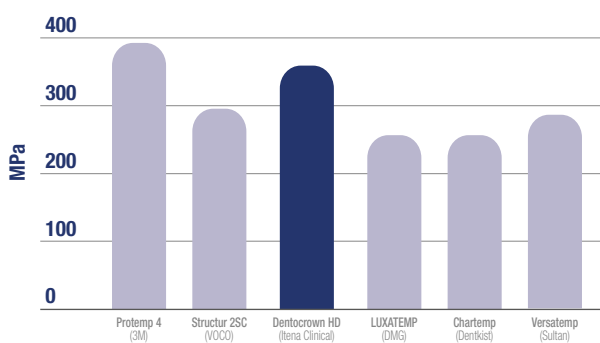
- > High compressive resistance..... 330 MPa
- > Flexural strength..... 70 MPa
- > Preparation time..... 45 sec max
- > Time in mouth..... 45 sec

*Internal report, Itena Clinical, "Dentocrown HD".

> **DENTOCROWN HD polymerization temperature rise (°C) compared with other products on the market***



> **DENTOCROWN HD compressive strength compared with other products on the market _based on ISO 10477***



TIPS AND TRICKS

The Dentocrown HD can be reworked

There are 2 methods available:

- > Remove the viscous layer (inhibition layer) from the surface of the temporary tooth with modified alcohol. Rework.
- > Use the temporary cement **Dentotemp** to fill in empty spaces.



Dentocrown HD

A1 1x 50 ml (74 g) cartridge + 10 mixing tips DWNHD50-A1

A2 1x 50 ml (74 g) cartridge + 10 mixing tips DWNHD50-A2

A3 1x 50 ml (74 g) cartridge + 10 mixing tips DWNHD50-A3

Tips¹⁶

10 mixing tips for cartridge DWNE-10

Gun⁹

50 ml 1:1 / 2:1 mixing gun 153241

Clinical case

Clinical case by Dr Bury Laurence



Initial view of tooth to be treated.



1 Fill impression with Dentocrown HD.



2 View of the impression.



3 View of temporary tooth.



Final result.

*Source : Itena Clinical's internal test report.

Dentotemp¹

Long-term temporary cement (over 6 months) and final temporary on the implant



Key points

Easy handling

- > Self-curing in 2 stages: gel for easy removal of excess and final set
- > Consistent, homogeneous mix for controlled application and distribution, thanks to the automix syringe and mixing tips

Single-block removal

- > For re-operation without damaging tissue or restoration, due to the thinness of the film (10 µm)

Relining possible

Suitable for use on living teeth

- > Eugenol-free composition to avoid irritation and interference with the curing of resin-based definitive sealants



Indications

- **Temporary sealing** on natural, non-reconstituted teeth (composite, core).
- **Temporary sealing** for cosmetic elements such as veneers or onlays.
- **Permanent sealing** for crowns and bridges on implants with possibility of removing restorations.

Clinical case



Initial view.



- 1** Teflon placed prior to placement of crown to isolate the screw head.



- 2** Filling in of basal surface. Work time between 45 and 60 seconds.



- 3** Apply pressure to the temporary crown, holding it in place or having the patient bite gently on a cotton wad until initial setting for 2 min to 2 min 30 sec.



- 4** Remove the excess with a probe.



Final view.

Dentotemp

Manual mix

2x 12 g syringe (base+catalyst)
+ 25 mixing spatulas + 1 mixing block

DT-2.10

Automix syringes

1x 6 g syringe + 5 mixing tips

DTCA1-5

2x 6 g syringe + 20 mixing tips

DTCA2-20

4x 6 g syringe + 40 mixing tips

DTCA4-VP

Tips¹⁶

20 mixing tips

DTEM-20

25 mixing tips + 25 thin intraoral tips
(Length: 100 mm ø 1.1 mm)

DCE-50

25 mixing tips + 25 extra-thin intraoral tips
(Length: 135 mm ø 0.09 mm)

DCEXXF-50

Provitemp¹

Short-term temporary cement
(up to 6 weeks)



Key points

Tight seal

- > Low solubility (7 µg/mm³)

Easy handling

- > Self-curing in 2 stages: gel for easy removal of excess and final set
- > Consistent, homogeneous mix for controlled application and distribution, thanks to the automix syringe and mixing tips

Suitable for use on living teeth

- > Eugenol-free composition to avoid irritation and interference with the curing of resin-based definitive sealants

Indication

Temporary cementation of crowns, bridges, inlays, onlays and splints.

Provitemp

1x 6 g Automix syringe + 10 mixing tips

PTEMP1-10

Tips¹⁶

20 mixing tips

DTEM-20

25 mixing tips + 25 thin intraoral tips
(Length: 100 mm ø 1.1 mm)

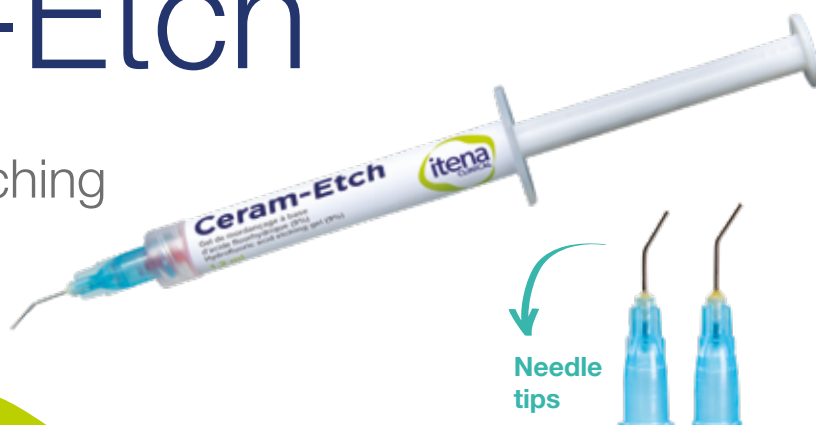
DCE-50

25 mixing tips + 25 extra-thin intraoral tips
(Length: 135 mm ø 0.09 mm)

DCEXF-50

Ceram-Etch¹³

Hydrofluoric acid etching gel (9%)



Key points

Gel différenciation: contrast with ceramics via its «cherry-red» color

Enhanced adhesion via microporosity creation

Viscosity allows product to stay in place

Adapted packaging: more tips per syringe (10)

Indications

Etching of various types of resin bonded porcelain/ceramic restorations (conventional feldspathic porcelain, Leucite glass ceramic, lithium disilicate, zirconia reinforced lithium silicate glass-ceramic, fluorapatite glass ceramic, etc.) prior to the bonding and cementation procedure.

Ceram-Etch

1x 1.2 ml syringe + 10 tips

CE-1.2

Silan-It¹⁴

Ceramic coupling agent



Key points

Enhanced adhesion of ceramics and fiberglass

Single-component silane

Compatible with light-curing and dual-curing resin-based adhesives

Indication

- Priming agent.
- To create a durable adhesion between luting composites and glass/oxide ceramic, metal, composite and fiber-reinforced composite restorations.

Silan-It

1x 5 ml bottle

SI-5

Numerys GF¹

Fiberglass blocks and disk

1 block = 1 inlay-core



NUMERYS GF
Glass fiber disk



1 disk

= up to 45 inlay cores

DISK FORMAT
FOR LABORATORIES

Key points

Compliance with chewing constraints

- > Flexural strength and modulus of elasticity close to dentins' one

Inlay-core adapted to the anatomical shape of the root canal

Time-saving

- > No opacification required when prosthesis manufacturing

Indication

Preparation of anatomical and aesthetic glass fiber post-and-core prosthesis elements using CAD CAM technologies.

Technical data*

- > Flexural strength..... 990 MPa
- > Elastic modulus..... 23,8 GPa



Numerys GF

5 blocks H 18 mm, L 15 mm, I 16 mm

NYSGF-BCS

1 disk Ø 98.5 mm - Height 20 mm

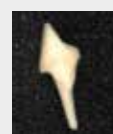
NYSGF-DSK

Clinical case

Clinical case by Dr Gérard Duminil



1 X-ray of tooth 9 after placement of failing crown.



2 Item after machining.



3 Try-out on the model.



4 Adaptation checked via X-ray.



5 Etching of canal with phosphoric acid.



6 Item is silanized before placing adhesive (Silan-It and Iperbond Max).



7 In the canal, apply:
- The adhesive, then dry.
- The composite resin cement Total C-Ram.



8 Immediately after insertion, perform an initial rapid light curing to remove the excess resin cement, then perform a second, longer curing to ensure that the material has set properly.



9 Appearance of inlay core before crown impression.



10 Lingual view of the adaptation.



11 Final appearance after placement of usual tooth.

*Internal report, Itena Clinical, "Numerys GF".

Numerys HC¹

Resin/ceramic hybrid blocks and disk



Key points

Compliance with chewing constraints

- > Flexural & compressive strength

Fast, suitable machining

- > No firing or glazing steps
- > Anatomically correct marginal adaptation (labial and lingual surfaces)

Natural aesthetic appearance

- > Close to the natural shade of the tooth, without the need for staining
- > Several shades available (6) depending on the clinical case

Indication

Indirect fabrication of metal-free prosthodontic components: inlays, onlays, veneers, crowns, implant-supported crowns.

Numerys HC - 5 blocks

	Size 12	Size 14 L
Shade A1	NYS-12A1	NYS-14A1
Shade A2	NYS-12A2	NYS-14A2
Shade A3	NYS-12A3	NYS-14A3
Shade A3.5	NYS-12A3.5	NYS-14A3.5
Shade B3	NYS-12B3	NYS-14B3
Shade E	NYS-12E	NYS-14E

Numerys HC - 1 disk ø 98 mm - height 16 mm

Shade A2	NYS-D16A2
Shade A3	NYS-D16A3
Shade A3.5	NYS-D16A35
Shade B3	NYS-D16B3
Shade E	NYS-D16E

Clinical case

Clinical case by Dr Marco Morello



1 Preoperative X-ray on 36.



2 Initial situation prior to treatment.



3 Amalgam placed under nerve block anesthesia and built up to edge of the subgingival part using **Reflectys Flow A3**.



4 Base of cavity protected with **MTA Biorep**.



5 A layer of **Reflectys Flow A3** is applied to eliminate undercuts, following the standard bonding protocol. Light curing for 20 seconds followed by detailed polishing of the preparation.



6 Digital impression of the prepared tooth and neighboring teeth.



7 Machining of the **Numerys HC A2/12** block.



8 Etching of enamel and dentin with **Dentoetch** for 10 seconds, isolating the mesial surface of 18 with Teflon tape.



9 Apply a layer of glycerin and light cure each face of the inlay onlay for 10 seconds.



10 Inlay onlay after bonding and polishing.

Totalcem¹

SPECIAL METAL

Resin cement
for final bonding



Key points

Bonding quality and durability

- > Self-adhesive, thanks to 4-META monomer, which promotes matrix infiltration into hard tissue*
- > Sealed in the presence of oral fluids (Water sorption: 12 µg/mm, Water solubility 7 µg/mm)**

Dual-cure

- > **Self-curing** = Adhesion of areas where light does not reach
- > **Light-curing** = faster setting and removal of excess material

Time-saving

- > 1 single product, self-adhesive and self-etching (4-META monomer)*

Indication

Self-etching / self-adhesive resin cement for metal.

Totalcem	Translucent	A2
1x 8 g syringe + 10 mixing tips + 10 thin intraoral tips + 10 extra-thin intraoral tips	TTLCEM-TR	TTLCEM-A2
3x 8 g syringes + 30 mixing tips + 30 thin intraoral tips + 30 extra-thin intraoral tips	TCEM3-VPTR	TCEM3-VPA2
Tips ¹⁶		
20 mixing tips		DTEM-20
25 mixing tips + 25 thin intraoral tips (Length: 100 mm ø 1.1 mm)		DCE-50
25 mixing tips + 25 extra-thin intraoral tips (Length: 135 mm ø 0.09 mm)		DCEXF-50

*Mark, A. (2006). 24 hour Shear Bond Strength of Ceramic to Dentin Using Three Cement Systems.

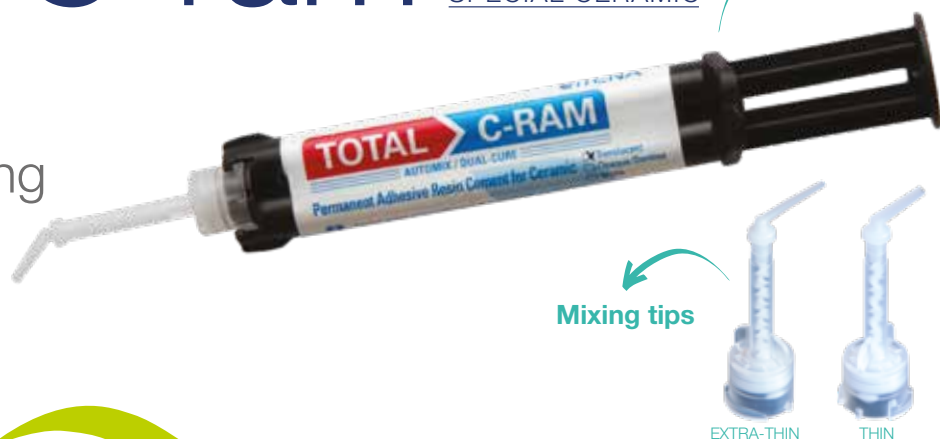
** (2009). Polymer-based filling, restorative and luting materials. Dentistry. <https://www.iso.org/standard/23041.html>

Total C-ram¹

SPECIAL CERAMIC

Automix Syringe

Resin cement
for final bonding



Key points

Bonding quality

- > Self-adhesive, by acid monomers that ensure a strong bond with dentin and enamel*

Dual cure

- > **Self-curing** = Adhesion of areas where light does not reach
- > **Light-curing** = faster setting and removal of excess material

Time-saving

- > 1 single product, self-adhesive and self-etching (acid monomers + phosphoric acid esters)

Natural aesthetic finish

- > Aesthetic bonding of veneers, thanks to the thin film thickness (10 µm)
- > 3 shades available

Clinical case

Example of clinical case by Dr Da Silva and Dr Dieryckx



Initial view after removal of temporary crown.



1 Application of **Ceram-Etch** hydrofluoric acid on the **Numerys HC** final crown.



2 Application of **Silan-It** on the final crown.



3 Application of **Total C-ram** on the final crown.



4 Excess removal.



Final view with **Numerys HC** final crown.

Indication

Self-etching & self-adhesive resin cement for ceramic.

Total C-ram	Translucent	Opaque dentin	White
1x 8 g syringe + 10 mixing tips + 10 thin intraoral tips + 10 extra-thin intraoral tips	TTCRAM-TR	TTCRAM-OD	TTCRAM-BLC

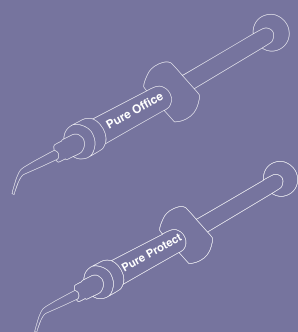
Tips ¹⁶	
20 mixing tips	DTEM-20
25 mixing tips + 25 thin intraoral tips (Length: 100 mm ø 1.1 mm)	DCE-50
25 mixing tips + 25 extra-thin intraoral tips (Length: 135 mm ø 0.09 mm)	DCEXF-50

*Polassi, M. (2017). Bonding ability of self-adhesive resin-cements after dentin biomodification with hyaluronic acid. Journal of Adhesion Science and Technology, 32 (10), pp. 1033-1043. <https://www.tandfonline.com/action/showCitFormats?doi=10.1080%2F01694243.2017.1402403>.

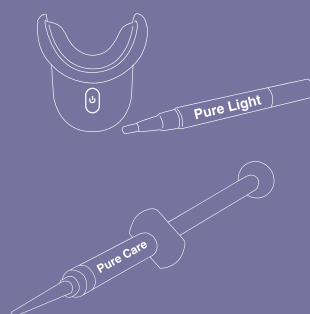


Care

Pure Office 46
Pure Protect 48



Pure Light 47
Pure Care 48



Pure Office^{7a}

In-office root canal whitening kits



Key points

Professional whitening

- > In-office treatment in 1 to 3 steps

Whitening quality

- > Neutral PH to facilitate complete release of peroxide and ensure patient comfort

Mint flavor

Indications

- Brightening of discolored, devitalized teeth.
- Brightening of discolored teeth caused by disease, by injury or iatrogenically, as alternative to a crown or veneer.
- Treatment of tooth discolorations caused by prescription drugs (e.g. tetracycline).

Clinical case



- 1 Remove the syringe from the fridge and allow it to reach room temperature. Protect the tooth to be whitened by preparing an operating field.



- 2 Assess the quality of the root canal obturation to avoid any risk of the product spreading.



- 3 Clean the pulp chamber: remove pulp tissue and necrotic tissue residue.



- 4 The canal must have root canal obturation material removed to around 3 mm under the amelocemental junction. Isolate the gutta-percha obturation by placing a small glass ionomer plug.



- 5 Place the mixing tip on the Pure Office syringe.



- 6 Distribute the product in the prepared canal and compress the product into the cavity using a micro-applicator.



- 7 Complete temporary closure using a watertight material.



- 8 Perform a check 7 days after the procedure. Repeat application of the product if required.

When the whitening is appropriate, rinse, dry and apply a temporary obturation for 5 weeks before the final reconstruction.

Pure Office

Starter kit 1x 5 g syringe of **Pure Office**
+ 2 syringes of **Pure Protect** gingival barrier

PROF35-C1*

Value Pack 3x 5 g syringes of **Pure Office**
+ 6 syringes of **Pure Protect** gingival barrier

PROF35-RF3*

*Other references, contact us according to country: PROF35-C1W, PROF35-R3W.

Pure Light^{7c}

Premium home whitening gel



Key points

Whitening quality

- > No acid attack on dentin, neutral PH
- > High gel viscosity

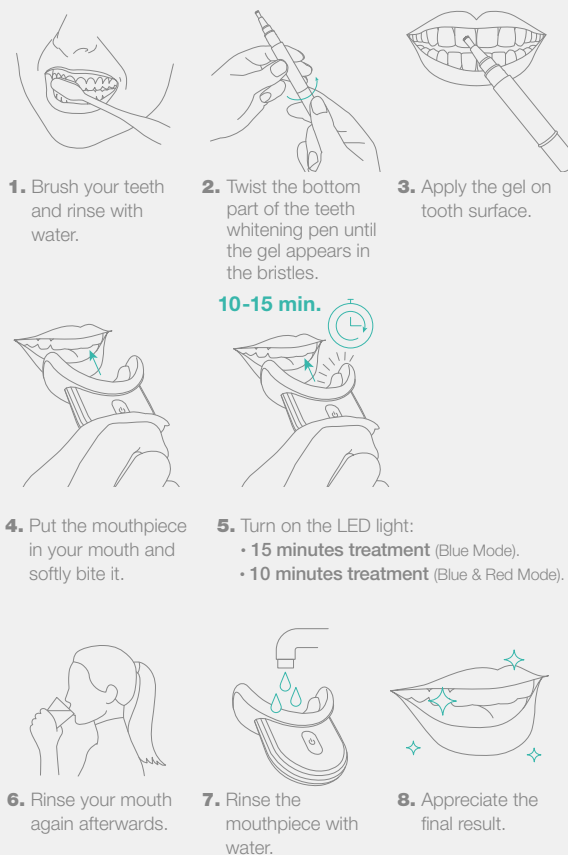
Convenience of use

- > Gel whitening pen
- > 10 or 15 min treatment time
- > Mouthpiece to retain the gel during treatment

Storage and transport at room temperature

- > Patented HPS* formula

How to use



Indication

Ambulatory tooth whitening based on 6% hydrogen peroxide superior.

Pure Light

3 whitening pens + 1 LED mouthpiece + 1 USB cable

PRLI2.5-3

*Hydrogen Peroxide Superior.

Pure Protect^{7a}

Gingival protection gel



Key points

- > Protects the gum during in office treatment
- > Prevention of gingival sensitivity

Indication

For coating gingiva during in-office bleaching procedures.

Pure Protect

4x 1.5 g syringes

PRP-BG

Pure Care^{7b}

Desensitizing gel



Key point

- > Convenience to use

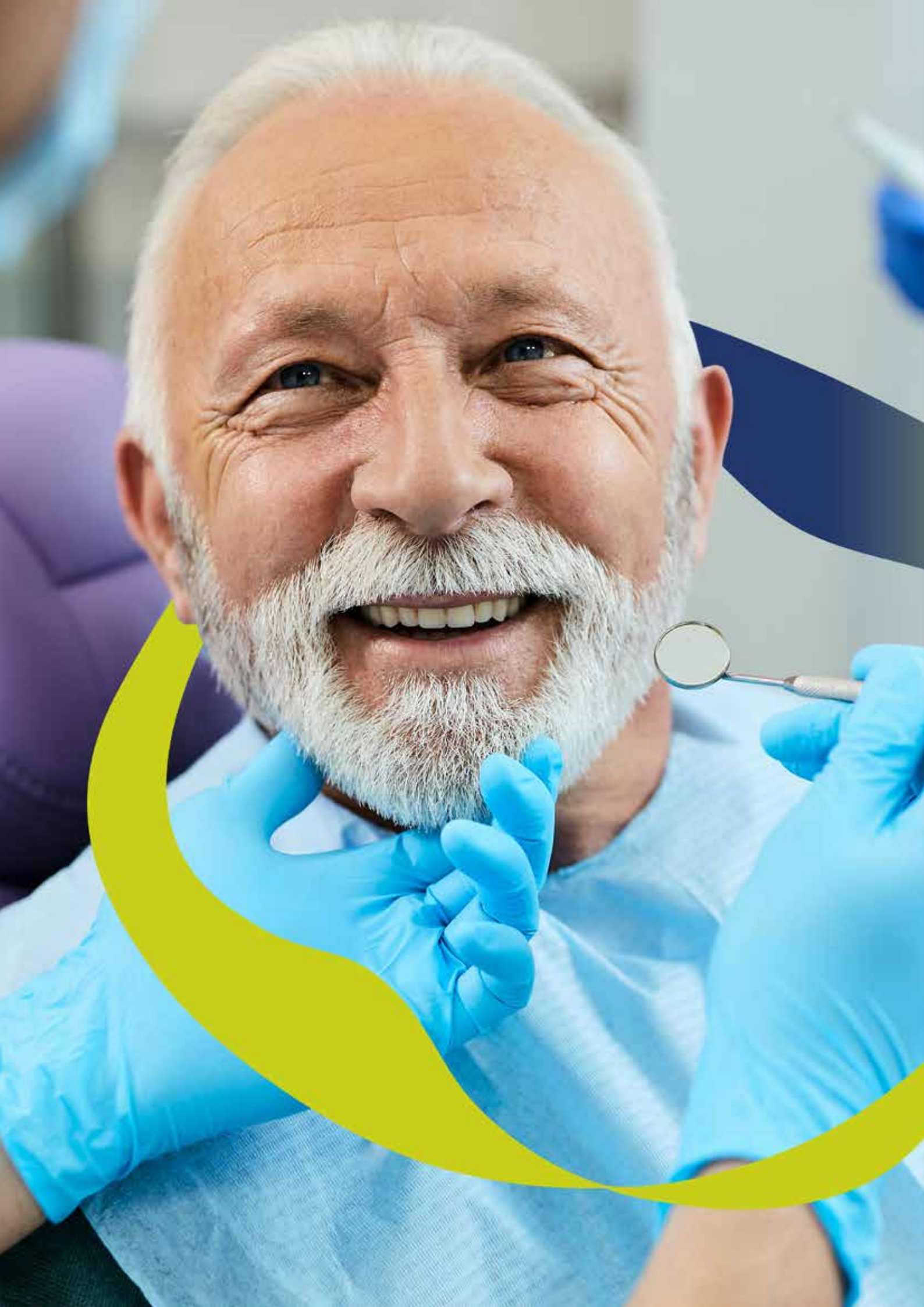
Indication

For after-treatment of the teeth after a bleaching procedure.

Pure Care

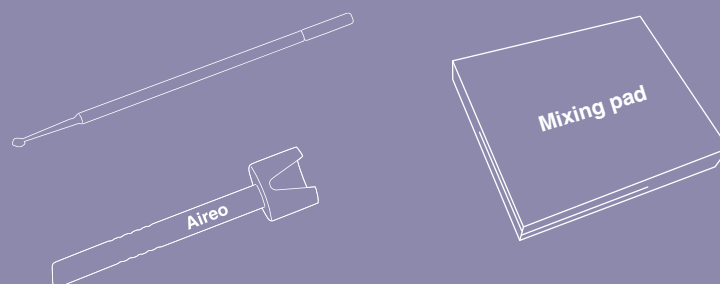
4x 2.3 g syringes

PRC-DSB



Accessories

Micro-applicators 52 Mixing pad 52
Aireo 53



Micro-applicators⁸



Indications

Used for application of :

- Etching
- Bonding
- Hole lining
- Fluorine protective paint
- Hemostatic agent
- Pit and groove sealant

Micro-applicators

100 white conical micro-applicators	AFB-100
100 green spherical micro-applicators	ASV-100

Mixing pad¹⁰

Sheet of plastic paper



Indication

Mixing materials such as dental composites, filling materials or tooth surface preparation materials.

Mixing pad

100 sheet (8x7 cm)	MPADS8X7-100
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Aireo V-Lock System⁴

Air/water syringe tips

Key points

Flexible tip

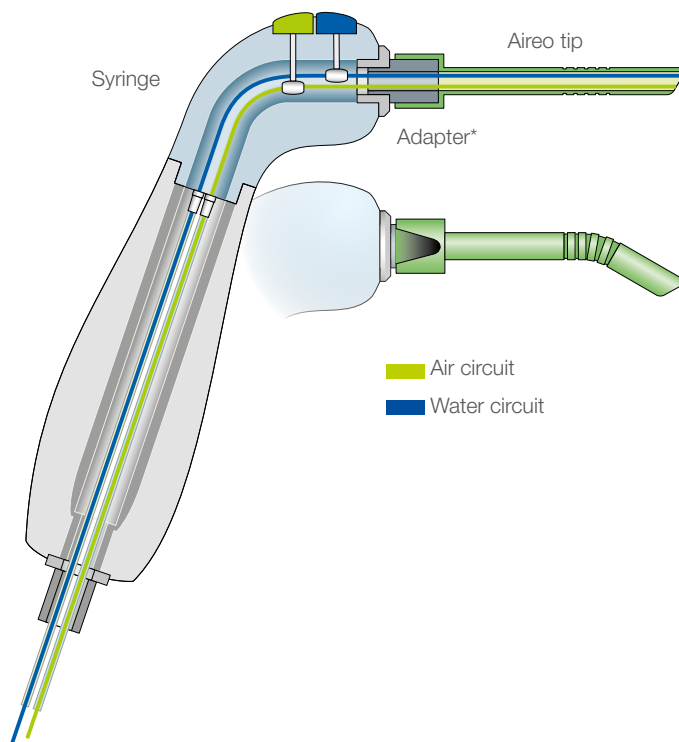
- > Easy for the dental surgeon to keep the required angle

Reduced risk of microbial crosscontamination: single use



V-notch for easy insertion

DIAGRAM OF CIRCUIT



Aireo V-Lock System

200 green tips	AIRU200-V
200 blue tips	AIRU200-B
200 white tips	AIRU200-A

⁴Compatible with Pierre Rolland adapters.

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Legal notices

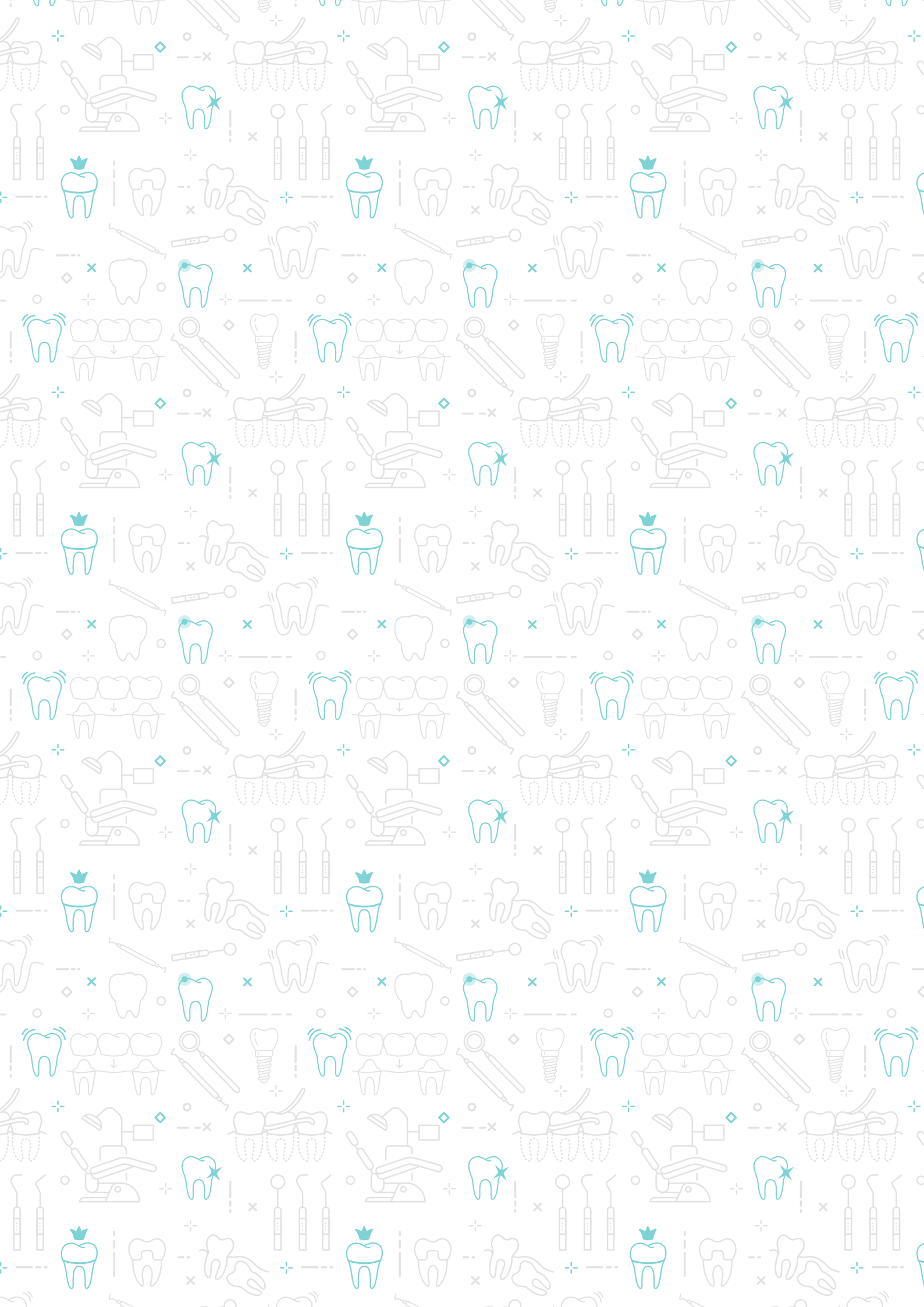
1. Medical device Class IIa*
CE 0425 - Manufacturer: Itena Clinical, France.
2. Medical device Classe I*
Manufacturer: Sanctuary Health SDN BHD, Malaysia
Authorized Representative: Welkang Ltd, Ireland.
3. Medical device Class IIb*
CE 0425 - Manufacturer: Itena Clinical, France.
4. Medical device I*
Manufacturer: Itena Clinical, France.
5. Medical device Class IIa
CE 0483 - Manufacturer: EVE GmbH, Germany.
6. Medical device Classe IIa
CE 2460 - Manufacturer: Premier Dental, USA
Authorized Representative: MDSS GmbH, Germany.
- 7a. Medical device Class IIa
CE 0297 - Manufacturer: MANI Medical, Germany.
- 7b. Medical device Class I
Manufacturer: MANI Medical, Germany.
- 7c. Cosmetic product**
Manufacturer: Cavex Holland BV, Netherlands.
8. Medical device Class I
Manufacturer: HUANGHUA PROMISEE, China
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Authorized Representative: MedNet GmbH, Germany.
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