

CURASEPT® BIOSMALTO



THINK

REMINERALISATION

CURASEPT[®]

BIOSMALTO

A UNIQUE APPROACH

3 PATENTS



3 FUNCTIONAL SUBSTANCES

● BIOMIMETIC ACTIVITY

The functional substances contained in Curasept Biosmalto have chemical, physical, morphological and mechanical properties similar to the naturally occurring biological structures (enamel and dentine). In a physiological environment, these substances can stimulate processes, such as remineralisation, that are similar to those occurring in the presence of a natural biological tissue.

● BIOCOMPATIBILITY

Curasept Biosmalto is used for a specific biomedical application without causing toxic effects on the biological system.

● BIOACTIVITY

Curasept Biosmalto is capable of interacting chemically with dental hard tissues, by depositing a new mineral phase in continuity with the existing one.

CURASEPT[®]

BIO SMALTO

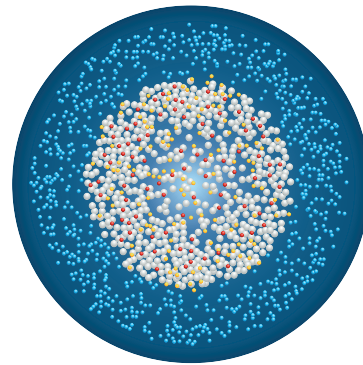
IMPACT ACTION MOUSSE

CHARACTERISTICS OF THE FUNCTIONAL SUBSTANCES

F-ACP ●●●●●●●● COMPLEX[®]

BIO-INSPIRED TECHNOLOGY

Citrate outer layer nanoparticle of amorphous calcium phosphate enriched with carbonate and fluoride.



- Amorphous Calcium Phosphate
- Citrate
- Carbonate
- Fluoride

AMORPHOUS CALCIUM PHOSPHATE (ACP) PHASE

functionalised with Fluoride and Carbonate, coated with Citrate.

Amorphous Calcium Phosphate (ACP) phase functionalised with Fluoride and Carbonate, coated with Citrate.

Amorphous Calcium Phosphate (ACP) is a non-crystalline, highly reactive material **THAT IS RAPIDLY CONVERTED** into hydroxyapatite: it is the natural precursor of enamel and dentine.



CITRATE

is essential for maintaining healthy and strong teeth. It covers F-ACP particles externally, stabilises the complex, and makes it more biomimetic.



CARBONATE

increases the complex solubility and the bioavailability of the active ions: Calcium, Phosphate and Fluoride.



FLUORIDE

is present in free form within the complex. It contributes to the formation of Fluorapatite.

CURASEPT BIOSMALTO

Mousse

CURASEPT
BIOSMALTO



CE*

CS-02366 - 150 ml

Sensitive Teeth IMPACT ACTION MOUSSE PROFESSIONAL USE

F-ACP ●●●●●●●●
COMPLEX®



Amorphous Calcium Phosphate phase - ACP - functionalised with Fluoride, Carbonate coated with Citrate and Potassium Salts.

Quickly reduces pain, occludes the dentinal tubules, protects against sensitivity over time and quickly re-mineralises enamel and dentin.

- All Fruits flavour

1450 ppm F⁻



CE*

CS-02374

1 mousse 150 ml
+ Large and Medium dental trays (10+10 pcs.)

Sensitive Teeth KIT STUDIO PROFESSIONAL USE



Contains
1: 150 ml mousse, 1: protocol of use, 10: large dental trays and 10: medium dental trays.

- All Fruits flavour



CE*

CS-02363 - 50 ml

Sensitive Teeth IMPACT ACTION MOUSSE HOMECARE

F-ACP ●●●●●●●●
COMPLEX®



Amorphous Calcium Phosphate phase - ACP - functionalised with Fluoride, Carbonate coated with Citrate and Potassium Salts.

It is indicated for patients with sensitivity in acute severe phase. It can be prescribed as continuation of the professional treatment or even without treatment in the office, in combination with a toothpaste of the line.

- All Fruits flavour

1450 ppm F⁻

*Medical Devices CE Read warnings and instructions for use carefully.

CURASEPT BIOSMALTO

Mousse

CURASEPT
BIOSMALTO



CE*

CS 02365 / CS 02364 - 150 ml

Caries, Abrasion & Erosion
IMPACT ACTION MOUSSE
PROFESSIONAL USE

F-ACP ●●●●●●●●
COMPLEX®



Amorphous Calcium Phosphate phase - ACP - functionalised with Fluoride, Carbonate coated with Citrate.

For frequent cavities, high wear of teeth surfaces and dry mouth. It re-mineralises the enamel and increases resistance to acid, mechanical and bacterial attacks. Post orthodontic and whitening treatments. Adjuvant in the treatment of white spots and MIH.

- Flavours: Delicate Mint, Strawberry 1450 ppm F⁻



CE*

CS-02372 / CS-02373

1 mousse 150 ml
+ Large and Medium dental trays (10+10 pcs.)

Caries, Abrasion & Erosion
KIT STUDIO
PROFESSIONAL USE



Contains
1: 150 ml mousse, 1: protocol of use, 10: large dental trays and 10: medium dental trays.

- Flavours: Delicate Mint, Strawberry



CE*

CS-02361 / CS-02362 - 50 ml

Caries, Abrasion & Erosion
IMPACT ACTION MOUSSE
HOMECARE

F-ACP ●●●●●●●●
COMPLEX®



Amorphous Calcium Phosphate phase - ACP - functionalised with Fluoride, Carbonate coated with Citrate.

It is indicated for patients with heightened de-mineralisation. It can be prescribed as continuation of the professional treatment or even without treatment in the office, in combination with a toothpaste of the line.

- Flavours: Delicate Mint, Strawberry 1450 ppm F⁻

CURASEPT®

BIOISMALTO

MOUTHWASHES & TOOTHPASTES

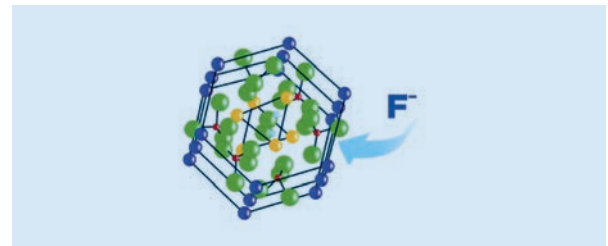
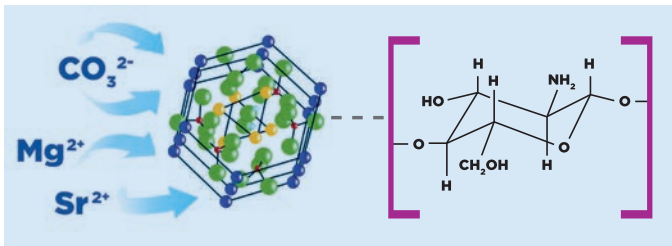
CHARACTERISTICS OF THE FUNCTIONAL SUBSTANCES



Hydroxyapatite partially substituted and conjugated with Chitosan



Hydroxyapatite partially substituted and conjugated with Chitosan + Fluoride



BIOMIMETIC TECHNOLOGY:

Mixture of biomimetic HYDROXYAPATITES

- Partially Magnesium-, Strontium-, Carbonate-substituted Hydroxyapatite CONJUGATED WITH CHITOSAN.
- Partially Fluoride-substituted Hydroxyapatite.

Chitosan affinity with enamel facilitates the release of active ions directly to the surfaces of the teeth.



CARBONATE

Can make active ions bioavailable.



MAGNESIUM

Promotes nucleation.



STRONTIUM

Stabilises the newly-formed mineral phase.



CHITOSAN

Prolongs the release of the active components.



FLUORIDE

Strengthens the newly-formed mineral phase.

SENSITIVITY'S DAYS ARE NUMBERED.

REMINERALISES WITH LONG-LASTING RESULTS



- BIOMIMETIC REMINERALISING ACTIVITY.
- PROLONGED DESENSITISING ACTION.
- 3 PATENTS AND 24 CLINICAL STUDIES.

CURASEPT[®] BIOSMALTO SENSITIVE TEETH LINE

Several clinical studies certify that the **CURASEPT BIOSMALTO Sensitive Teeth line**, thanks to its patented formulation containing partially-substituted Hydroxyapatites and Potassium salts, **occludes the dentinal tubules from the very first use** resulting in an almost immediate reduction in sensitivity. It has also demonstrated a **long-lasting remineralisation** of the tooth surfaces and prolonged resistance to acid attacks.



SCIENCE NEVER LIES

Scan the QR code and register with the extra content section. You will be able to consult the Biosmalto clinical folder with the relevant scientific studies.



curaseptworldwide.com

Sensitive Teeth

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BIOSMALTO

Curasept Biosmalto Sensitive Teeth reduces tooth sensitivity rapidly and it creates a new mineral phase that is more resistant to acid attacks and occludes exposed dentinal tubules.

It remineralises enamel and dentine. It occludes the dentinal tubules, rapidly reducing the sensitivity and pain.

**WITH
POTASSIUM
SALTS**



CE*

CS-02354 - 300 ml

Curasept Biosmalto Sensitive Teeth MOUTHWASH



Hydroxyapatite partially substituted and conjugated with Chitosan + Fluorohydroxyapatite and Potassium Salts.

250 ppm F⁻



CE*

CS-02370 - 75 ml

Curasept Biosmalto Sensitive Teeth TOOTHPASTE



Hydroxyapatite partially substituted and conjugated with Chitosan + Fluorohydroxyapatite and Potassium Salts.

Low abrasivity: < 15

1450 ppm F⁻



CS-07250
Blister 1 pc.

Curasept Biosmalto Sensitive Teeth SENSITIVE TOOTBRUSH

It is especially designed for subjects with dentine sensitivity and delicate gums.

It is the ideal tool to complement BIOSMALTO Sensitive Teeth products.

The conical bristles effectively break down bacterial plaque without traumatising the gums and abrading the enamel.

REMINERALISATION TO THE NTH DEGREE.



- FAST
- LASTING
- PATENTED
- CLINICALLY PROVEN

CURASEPT BIOSMALTO CARIES ABRASION & EROSION LINE

Several international studies confirm that the CURASEPT BIOSMALTO Caries, Abrasion & Erosion line, thanks to its patented formulation containing partially-substituted hydroxyapatites, *“shows enamel and dentin remineralisation from the very first treatments. The surface of the tooth, when observed under a microscope, is seen to be covered by anewly-formed mineral phase of considerable consistency and thickness.”*



SCIENCE NEVER LIES

Scan the QR code and register with the extra content section. You will be able to consult the Biosmalto clinical folder with the relevant scientific studies.



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Caries Abrasion & Erosion

Curasept Biosmalto Caries Abrasion & Erosion acts strongly on abrasion and erosion damage and creates a new, more resistant mineral phase.

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CE*

CS-02353 - 300 ml

Curasept Biosmalto Caries Abrasion & Erosion MOUTHWASH



Hydroxyapatite partially substituted and conjugated with Chitosan + Fluorohydroxyapatite.

250 ppm F⁻



CE*

CS-02350 - 75 ml

Curasept Biosmalto Caries Abrasion & Erosion TOOTHPASTE



Hydroxyapatite partially substituted and conjugated with Chitosan + Fluorohydroxyapatite.

1450 ppm F⁻



CS-07251
Blister 1 pc.

Curasept Biosmalto Caries Abrasion & Erosion PROTECTION TOOTHBRUSH

It is recommended to use together with BIOSMALTO Caries Abrasion & Erosion products. It has a reduced-size head and soft, thin and flexible bristles that offer highly effective plaque removal already at the first step, without abrading the enamel.



CS-02408
16 chewable tablets

Curasept Biosmalto PROBIOTICS FOOD SUPPLEMENT

Pro- and postbiotics, B-group vitamins, Vitamins D and C. Calcium-based

Vitamins C, A, B12, B6, D, folic acid, zinc, and selenium contribute to the normal function of the immune system. Vitamin D contributes to the maintenance of normal teeth. Take one or two tablets a day, to be dissolved in the mouth after daily oral hygiene. Evening intake is preferred.

Curasept Biosmalto

Caries Abrasion & Erosion

6 MONTHS-12 YEARS

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Oral hygiene is paramount from the eruption of the first tooth. Using suitable toothpastes and toothbrushes. Especially from six months to six years, fluoroprophylaxis must be carried out using toothpastes containing at least one thousand parts per million of fluoride (1,000 ppm).

Professionals recommend brushing your teeth at least twice a day with a pea-size amount of fluoride. After the age of six, dentists in Italy recommend at least 1,000 ppm quantity of fluoride twice a day with a "classic" dose of toothpaste. Every toothpaste has an RDA index (Relative Dentin Abrasivity). Professionals recommend using a toothpaste with a low rate RDA (lower than 50) so as not to damage enamel.



CE*

CS-02305 - 50 ml

Caries Abrasion & Erosion

BABY-KID (6 months-6 years)

TOOTHPASTE WITHOUT FLUORIDE



Flow RDA abrasiveness: <30.

For children taking Fluoride Tablets.

- Strawberry flavour

WITHOUT FLUORIDE



CE*

CS-02306 / CS-02307 - 50 ml

Caries Abrasion & Erosion

BABY-KID (6 months-6 years)

TOOTHPASTE



Flow RDA abrasiveness: <30.

Prevents tooth decay for milk teeth.
Guarantees healthy permanent teeth.
Protects and remineralises enamel and dentin.
Protects against acid erosion and abrasion.

- Flavours: Delicate Mint, Strawberry

1000 ppm F⁻



CE*

CS-07252 - 75 ml

Caries Abrasion & Erosion

JUNIOR (7-12 years)

TOOTHPASTE



Flow RDA abrasiveness: <30.

Prevents caries and inhibits the formation of plaque deposits on permanent teeth. Protects and remineralises the hard tissues of newly erupted teeth. Protects against acid erosion and abrasion. Prevents dentin sensitivity.

- All Fruits flavour

1450 ppm F⁻

Sensitive Teeth

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CLINICAL SITUATION	IMPACT ACTION MOUSSE	TOOTHPASTE	MOUTHWASH
DENTAL SENSITIVITY 	ACUTE SENSITIVITY		
	twice a day for at least 30 days	twice a day	
MODERATE SENSITIVITY			
	twice a day	twice a day	
BLEACHING TREATMENT 	ACUTE SENSITIVITY		
	twice a day until hypersensitivity disappears	twice a day until hypersensitivity disappears	
MODERATE SENSITIVITY			
		twice a day	twice a day
MOLAR INCISOR HYPOMINERALISATION (MIH) 	POSTERUPTIVE PHASE		
	2 to 5 times a day until the next visit	twice a day	
MAINTENANCE PHASE			
	twice a day for cycles of 30 days, after dental follow-up	twice a day	twice a day
EROSION AND ABRASION WITH EXPOSURE OF DENTIN OR ROOTS 	twice a day for cycles of 30/60 days, after dental follow-up		
		twice a day	twice a day
GUM RECESSIONS 	ACUTE SENSITIVITY		
	twice a day for up to 30 days	twice a day	
MODERATE SENSITIVITY			
		twice a day	twice a day

Caries Abrasion & Erosion

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CLINICAL SITUATION	IMPACT ACTION MOUSSE	TOOTHPASTE	MOUTHWASH
HIGH CARIES SUSCEPTIBILITY 	 2 to 5 times a day until the next follow up	 twice a day	 twice a day
ORTHO TREATMENT 	 twice a day for 30-day cycles	 twice a day	 twice a day
WHITE SPOTS 	ACTIVE LESIONS (OPAQUE AND POROUS SURFACE)		
	 2 to 5 times / day until the next follow up	 twice a day	 twice a day
	INACTIVE LESIONS (SHINY AND SMOOTH SURFACE)		
	 twice a day for cycles of 30 days, after dental recalls	 twice a day	 twice a day
DENTAL EROSION AND ABRASION 	 twice a day	 twice a day	 twice a day
FLUOROSIS 	ACUTE PHASE		
	 twice a day for cycles of 60-90 days, after dental recalls	 twice a day	 twice a day
	MAINTENANCE PHASE		
	 twice a day for at least 30 days	 twice a day	 twice a day