

V VARDIS

SWITZERLAND

BIOMIMETIC DENTAL SCIENCE

CURODONT™ PROTECT

The Topical, Fast-acting Gel for Protection of Caries and Erosion



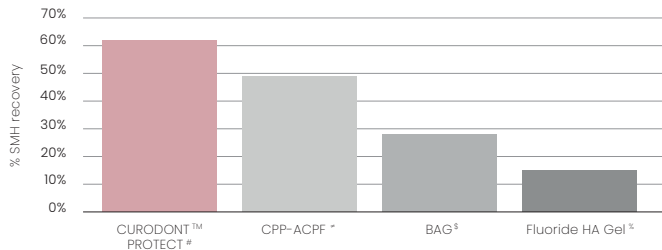
SWISS
MADE

- Erosion protection and caries prophylaxis in one
- Noticeably smooth teeth
- Simple application
- Topical gel in mint flavour
- Suitable for high caries risk patients
- Applicable during orthodontic and aligner treatments
- Safe for children

HIGHLY EFFECTIVE PROPHYLAXIS FOLLOWING PROFESSIONAL TREATMENTS

CURODONT™ PROTECT is a remineralizing tooth gel that forms a stable protective layer on the tooth surface. This highly effective, long-lasting mineral-rich layer protects teeth against caries and erosion. The teeth also are left with a noticeably smooth feel, and shiny appearance.

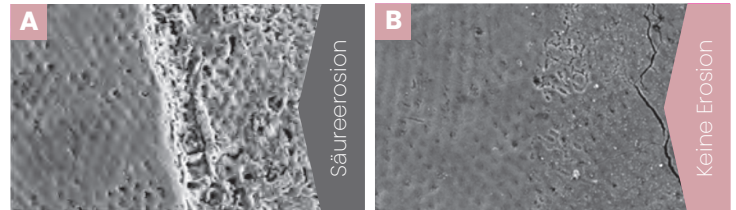
Effective and Significant
Remineralization of Enamel Lesions¹



Comparison of recovery of surface microhardness (SMH) in relation to untreated control group (in percent)

All comparative products, except CURODONT™ PROTECT, show weaker remineralization, with a significantly lower micro-hardness than the untreated healthy in the enamel of the control group.

Effective, Long-lasting Protection Against Acid Attacks²



A) Enamel damaged by acid (pH 3,1 h)
L: Intact enamel surface protected with acrylic
R: Only with toothpaste (1450 ppm fluoride)

B) Enamel protected from acid (pH 3,1 h).
L: Intact enamel surface protected with acrylic
R: With CURODONT™ PROTECT protective layer

Once the sophisticated vVARDIS technology is deposited on the tooth surface, it's high affinity to tooth tissue immediately protects from demineralization caused by erosive acids. Ingredients include calcium phosphate, which significantly aids the remineralization process.

IDEAL PROTECTION FOR ORTHODONTIC PATIENTS

Regular use of CURODONT™ PROTECT also helps with orthodontic treatments. Clinical studies confirm that CURODONT™ PROTECT protects against the formation of early caries in the enamel, protecting patients with fixed orthodontic appliances better than fluoride varnish.³

REGENERATIVE BIOMIMETIC TECHNOLOGY

The protective effect of CURODONT™ PROTECT is based on the clinically tested vVARDIS technology. The peptides' self-assembling, biomimetic molecules hold a very high affinity to the tooth; combined with the added calcium phosphate and fluoride*, a stable, highly effective protective layer is formed on the tooth surface.

SIMPLE APPLICATION

Apply and leave on for 1-2 minutes, spit out if necessary.

*CURODONT™ PROTECT contains fluoride as sodium monofluorophosphate (900 ppm).

¹ Soares R, De Ataíde IN, Fernandes M, Lambor R. Assessment of Enamel Remineralisation After Treatment with Four Different Remineralising Agents: A Scanning Electron Microscopy (SEM) Study. J Clin Diagn Res. 2017 Apr;11(4):ZC136-ZC141

Self-Assembling Peptide P11-4 (CURODONT™ PROTECT)

† Casein Phosphopeptide-Amorphous Calcium Phosphate Fluoride (CPP-ACPF - GC Tooth Mousse Plus; GC Corporation, Tokyo, Japan)

§ Bioactive Glass (BAG- NovaMin (SHY-NM, Group Pharmaceuticals Ltd., India))

* Fluoride enhanced Hydroxyapatite Gel (Remin-Pro (VOCO-GmbH, Germany))

² Data on file, 2013 "Evidence of the protective effect of self-assembling peptide (P11-4) on enamel erosion produced by a soft-drink" doi:10.1002/sca.21276.

³ Jablonski-Momeni A, Nothofer R, Morawietz M, Kiesow A, Korbmacher-Steiner H. Impact of self-assembling peptides in remineralisation of artificial early enamel lesions adjacent to orthodontic brackets. Sci Rep. 2020 Sep 15;10(1):151324

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