

# Regenerate and protect your enamel with CURODONT™

## Stop and reverse early-stage decay with CURODONT™ REPAIR

For dental professionals only



The drill-free caries treatment for all ages.

## Protect enamel with CURODONT™ PROTECT



The professional dental gel that helps protect from tooth decay, erosion, sensitivity and strengthen teeth. CURODONT™ PROTECT also supports enamel health after teeth whitening, professional cleaning and while wearing braces.

## Build a defence with CURODONT™ PROTECT

CURODONT™ PROTECT is a professional dental gel, formulated with the clinically tested, biomimetic vVARDIS Oligo-Peptide technology combined with fluoride.

The biomimetic peptide-based technology, enriched with fluoride, calcium, and phosphate, helps:

- Protect from decay and erosion
- Support enamel remineralisation
- Care for sensitive areas of teeth

CURODONT™ PROTECT helps care for the tooth enamel:

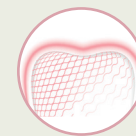
- While wearing braces
- After professional teeth whitening
- After professional dental cleaning

and complements your dental care routine after treatment with CURODONT™ REPAIR.



\*For ages 6 and above

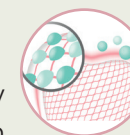
## Science behind the protection



### Protect

The biomimetic Oligo-Peptide formula enriched with fluoride, calcium and phosphate, helps protect the enamel from mineral loss due to decay and erosion, while also helping care for sensitive teeth.

### Strengthen



The clinically tested technology helps support the remineralisation of tooth enamel and strengthen it, which helps maintain healthy teeth.

## How to apply

CURODONT™ PROTECT is quick and simple to apply at home.

- Apply 1-2 times per week.
- Apply a thin layer after brushing, during the day or at night.
- Wait for 1-2 minutes and then spit out, as needed. Do not rinse after application.

vVARDIS  
SWITZERLAND  
BIOMIMETIC DENTAL SCIENCE

## Treat decay through enamel regeneration

No drill.  
No needle.  
No stress.

Ask your dentist, dental therapist or hygienist for Curodont™ by vVARDIS.

# How does decay occur?

Decay, also known as caries, occurs due to the acid produced by bacteria, which causes mineral loss of the tooth. This process is called **demineralisation**. Contrary to popular belief, decay does not start with a hole, but it **develops invisibly in the enamel below the tooth surface**. At this stage, it is still possible to stop and reverse the decay without drilling.

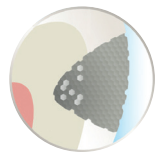
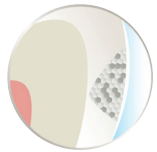


## 1. Healthy tooth anatomy

- **Enamel:** The outermost layer of the tooth crown and hardest tissue in the body, made of hydroxyapatite, a natural mineral.
- **Dentin:** Supports the enamel and protects the pulp.
- **Pulp:** The innermost, living part of the tooth containing blood vessels and nerves.

## 2. Early-stage decay

Decay extending deeper into the enamel means that preventive measures have failed. Traditionally such decay was drilled but now can be treated by in-depth restoration of lost minerals drill-free.



## 3. Advanced decay

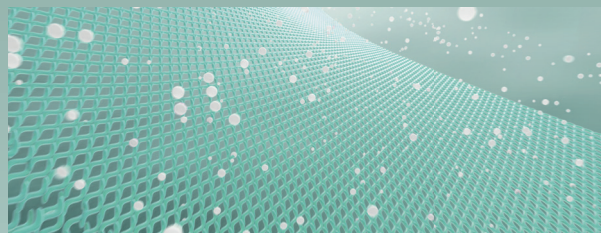
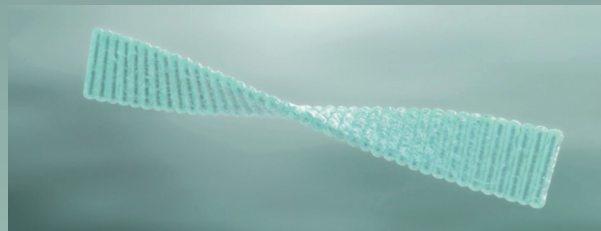
When decay is left untreated, it continues to progress, causing pain and swelling. Over time, it requires more complex treatments and can ultimately lead to tooth loss. Untreated decay may also affect overall health, increasing the risk of serious diseases.

# Science inspired by nature

Developed in Switzerland and backed by over **25 years of research**, the vVARDIS technology is based on the science of **peptides**, building blocks of proteins known for their **regenerative properties**.

The vVARDIS technology mimics nature to create new hydroxyapatite crystals – the minerals that make up 96% of tooth enamel. What once seemed impossible is now a reality. Curodont™ can help restore damaged enamel by supporting the tooth's own repair process.

Versatile and innovative, the vVARDIS technology can address a broad range of oral health needs in the dental office and at home.



## A drill-free, stress-free future.

Curodont™ Repair is an innovative, drill-free solution with over 90% success rate in the treatment of early-stage decay.

By mimicking nature, CURODONT™ treats decay by restoring lost minerals using the minerals naturally present in your own saliva.

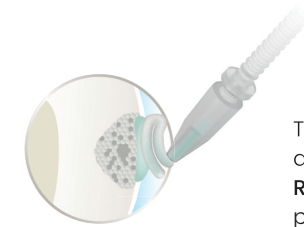
Thanks to its proprietary peptide formulation, decay can be treated without injections or drilling, using a single application of CURODONT™ REPAIR by a dental professional. It does not stain, is tasteless and is suitable for every patient, including children. It can be applied within minutes, during the same appointment.



# How does CURODONT™ REPAIR work?

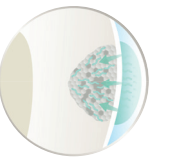
Unlike professional preventative solutions that act superficially (e.g. Fluoride Varnish), the CURODONT™ formula diffuses throughout the full depth of early decay when applied to the enamel surface.

Early decay forms beneath the tooth surface and extends deeper into the enamel.



The dental professional applies **CURODONT™ REPAIR** in the dental practice (5 min).

The CURODONT™ REPAIR technology **diffuses into the lesion**.



Once inside the tooth, this breakthrough technology treats early decay by restoring lost minerals using minerals from your own saliva, enabling the tooth to rebuild itself naturally.