

CURODONT™ REPAIR FLUORIDE PLUS

Frequently Asked Questions



What is Guided Enamel Remineralization?

Guided Enamel Remineralization (GER) is essentially a drill-free, anti-cavity concept where tooth enamel is remineralized.

What is Curodont™ Repair Fluoride Plus?

Curodont™ Repair Fluoride Plus is a locally applied professional mouthrinse for the in-depth management of early caries. This revolutionary technology promotes the deposition of hydroxyapatite within carious lesions and stop the progression of incipient lesions.

How does Curodont™ Repair Fluoride Plus work?

Curodont™ Repair Fluoride Plus's unique, award-winning formulation helps the fluoride and calcium found in saliva, to penetrate the enamel surface into the white spot. Lost enamel is remineralized over time.

What are the indications for the use of Curodont™ Repair Fluoride Plus?

White spot lesions, enamel remineralization, and cavity prevention.

Can Curodont™ Repair Fluoride Plus be used for all types of caries?

Curodont™ Repair Fluoride Plus can be used for tackling early demineralized lesions, like white spots, on all types of tooth surfaces. It cannot be used for cavitated lesions.

How many times should Curodont™ Repair Fluoride Plus be used to bring about remineralization?

For each lesion, only one application of Curodont™ Repair Fluoride Plus is sufficient to bring about over a course of 4-6 months, provided the patient maintains good oral hygiene in this period. The remineralization may continue to increase thereafter.

Is it safe to use in children?

Curodont™ Repair Fluoride Plus is safe to be used on children, under supervision. Regular dental appointments to detect caries in the earliest stages and their drill-free management using Curodont™ Repair Fluoride Plus is recommended.

How long does it take to remineralize a lesion?

Natural enamel formation in primary and permanent teeth requires a few months to a few years, respectively. As Curodont™ Repair Fluoride Plus technologies essentially mimics nature in remineralizing enamel, it requires around 4-6 months to demonstrate discernible remineralization.

Will white spots disappear completely?

When Curodont™ Repair Fluoride Plus remineralizes enamel within incipient carious lesions. Due to this, the white appearance of incipient caries treated with Curodont™ Repair Fluoride Plus may fade to a significant extent but may not completely disappear.

Does the use of Curodont™ Repair Fluoride Plus preclude the use of fluoride or other substances promoting remineralization?

No. Curodont™ Repair Fluoride Plus can be used in conjunction with other remineralizing agents, such as fluoride varnish, to optimize enamel remineralization. However, all treatments should be carried out only after an interval of at least 5 minutes after the application of Curodont™ Repair Fluoride Plus and not before.

What precautions does a patient need to take after Curodont™ Repair Fluoride Plus application?

Routine oral hygiene measures including brushing with fluoridated toothpastes twice a day must strictly be followed. Additionally, and especially, in cases with early caries on proximal surfaces, interdental flossing must be performed after meals to ensure the cleanliness of the area. Good oral hygiene maintenance is an essential pre-requisite for the success of any dental treatment.

How is Curodont™ Repair Fluoride Plus different from resin infiltration?

Resin infiltration is a micro-invasive technology which aims to infiltrate the pores and microspaces of an early carious lesion with a low-viscosity, hydrophilic resin (tetraethyleneglycol dimethacrylate, TEGDMA). Resin infiltration fills the lost minerals with a foreign, plastic material. This is completely different to what Curodont™ Repair Fluoride Plus achieves by way of Guided Enamel Remineralization (GER); as the tooth is naturally made up of hydroxyapatite, GER restores the tooth to its natural, sound state. Moreover, the use of Curodont™ Repair Fluoride Plus does not require any special armamentarium, meaning the entire procedure can be completed within 8-10 minutes.

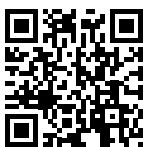
Can Curodont™ Repair Fluoride Plus be applied more than once?

Although one application of Curodont™ Repair Fluoride Plus per lesion helps to promote remineralization, it can still be re-applied 3-6 months after the first application. As with all dental treatments, success is also determined on the good oral hygiene practices of the patient.

Is the regenerative effect of Curodont™ Repair Fluoride Plus limited in time?

In-vitro studies have shown that Curodont™ Repair Fluoride Plus not only promotes enamel remineralization but also prevents from white spot lesions. Therefore, the regenerative effect of Curodont™ Repair on enamel is not limited in time.

*Kirkham J, et al. Self-assembling peptide scaffolds promote enamel remineralization. J Dent Res 2007;86:426-43s



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