

DENTAL

MAGAZIN

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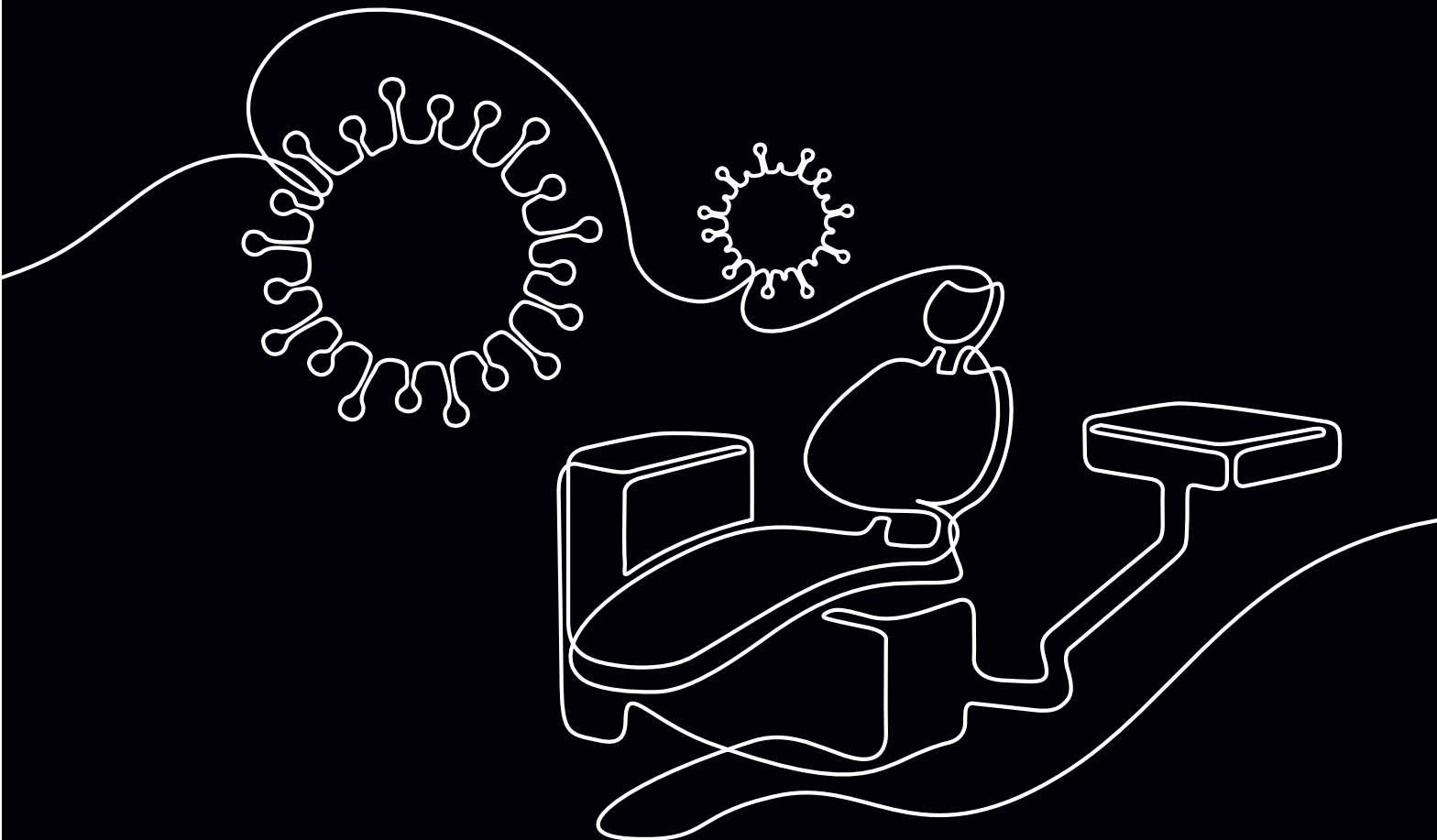
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Tooth Preservation: Dental Fluoride Varnish in Clinical Use

Protection for Hypersensitive (Children’s) Teeth

There are various products on the dental market designed to reduce tooth sensitivity and protect teeth. These products are used in dental practices particularly after professional dental cleaning. At the practice of Dr. Maren Kahle in Glandorf, patients with dentin-sensitive teeth are desensitized after professional dental cleaning using a fluoride gel that is also suitable for use in children with MIH.

In my practice, a gel-based fluoride varnish (Profisil® Fluoride Varnish, Kettenbach Dental) is used daily. The greatest advantage of this product compared to others is its ease of application. Neither prior cleaning nor drying of the teeth is

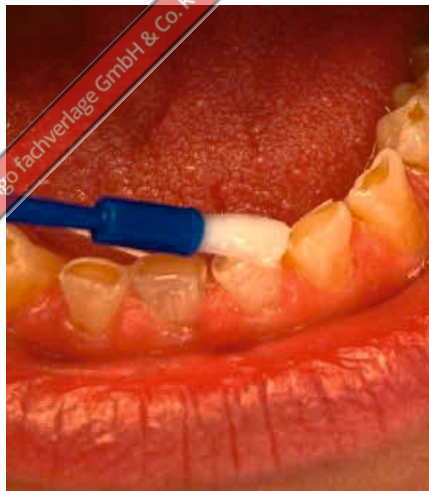
required before application, and the gel can be distributed evenly – even in difficult-to-reach areas.

From the patient’s perspective, the main benefit is that after the pleasant application, the teeth do not

feel sticky and there is no sensation of a thick gel layer. The gel feels smooth and transparent. Especially for dentin-hypersensitive teeth, the gel is very well suited for desensitization, and its effect lasts for several months.



Indications for the use of a gel-based fluoride varnish: fluoridation after orthodontic banding, after sealing of a molar, and in cases of MIH (left)



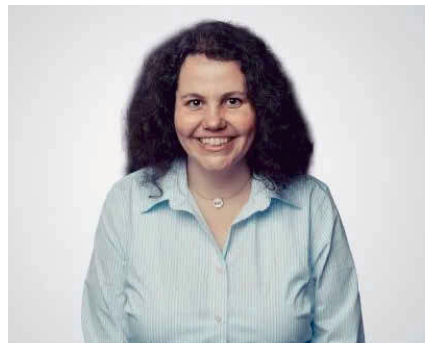
Local treatment of an abrasion dentition

Treatment in Children

Acceptance of the gel is very high among children. This may be due to the available flavors, which are mild and therefore well tolerated by children. Another advantage

is that fluoride ions are released for up to 24 hours. As the gel contains no ethyl alcohol, it does not cause burning sensations and has no bitter taste. In addition, Profisil® Fluoride Varnish is non-allergenic and does not cause discoloration. The gel provides children with an ideal protective layer for their teeth.

In cases of molar-incisor hypomineralization (MIH), regular monitoring and consistent oral hygiene are particularly important. Applying the fluoride varnish at regular intervals helps limit the progression of dental damage, as the post-eruptive maturation of MIH often continues until around the age of 20. To strengthen weakened enamel and reduce tooth sensitivity, fluoridation is essential in MIH cases. Since MIH-affected teeth are more susceptible to defects, this also helps prevent caries. ■



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has a private dental practice in Glandorf.

She is a specialist in oral surgery. Another focus of her work is the treatment of MIH-affected teeth.

www.schoene-zaehne-glandorf.de

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