

Treatment for MIH: Profisil Fluoride Varnish single-dose unit provides comfort and efficacy



Management of molar incisor hypomineralization (MIH) is a common challenge for many dental practitioners. These structural defects typically affect the first permanent molars and the incisors, and can cause increased sensitivity, aesthetic issues, and higher susceptibility to caries—often in young patients. In this context, a single-dose unit of Profisil Fluoride Varnish offers a rapid, effective, and particularly well tolerated solution for applying fluoride varnish to the affected teeth.

Clinical case: MIH affecting the molars and incisors in a 10-year-old child

A 10-year-old male patient attended a consultation after experiencing sensitivity in his first permanent molars. Clinical examination found MIH on teeth 16, 26, 36, and 46, combined with opaque spots on incisors 31/41, and pointed canines.

Step 1: Easy preparation

One of the major advantages of Profisil Fluoride Varnish is that it is packaged in single-dose units. It offers optimal comfort of use, for both dentist and assistant. There is no need for specific preparation other than a prophylactic cleaning: the teeth do not need to be isolated or dried prior to use. This is a major time-saver, and is especially useful with pediatric patients.

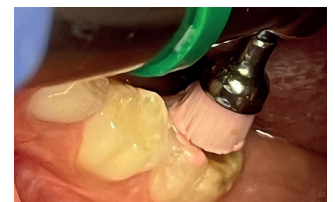
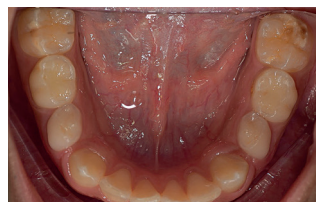
Step 2: Targeted application and optimal hygiene

The single-dose unit ensures strictly individual use, in full compliance with hygiene regulations. The pack contains enough to treat the entire mouth. The applicator tip makes it easy to apply the varnish directly to the affected areas without coming into contact with the soft tissues.

The child described feeling a pleasant sensation during application, with no tingling or burning—a significant benefit for young patients, who can be anxious.

Step 3: Very positive patient feedback

Profisil Fluoride Varnish did not leave an unpleasant aftertaste. The ethyl alcohol-free formulation limits the risk of irritation or allergic reactions, and ensures high mucosal tolerance. At his 3-month check-up, the patient (and his parents) noted the feeling of “smoother” teeth, and an improvement in the sensitivity.





Conclusion

Profisil Fluoride Varnish is a simple and effective solution ideal for fluoride varnish application, including in children with molar incisor hypomineralization. The single-dose unit ensures outstanding hygiene and easy application. It has no strong smell or unpleasant taste, and the gentle formulation makes it an invaluable tool for securing patient (and dentist) satisfaction.



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Dr. Mylène GARNIER practices dentistry in Saint-Pierre, and specializes in preventive and restorative treatment for molar incisor hypomineralization. She takes a modern, minimally invasive approach, with a practice centered on patient comfort and clinical efficacy.

DENTAL SCHOOL TRAINING

Degree of Doctor of Dental Surgery (Nantes, 2005)

University Diploma in Restorative and Aesthetic Dentistry (Montpellier, 2016)

PROFESSIONAL SOCIETY MEMBERSHIPS

Member of the Collège National d'Occlusodontie (French National Occlusal Equilibration Association) – Indian Ocean section (2023 – present)

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