Preventive Therapies Update

The Trend Towards Fluoride Varnishes

Fluorides are the most popular tooth surface modifiers in dentistry and have been used as a measure to prevent caries for many years.

The popularity of fluoride use is of no real surprise, since its application has been shown to slow, arrest, and even reverse dental caries progression.

Fluoride varnishes offer improved substantivity (ongoing therapeutic action for a prolonged period of time), by hardening on the tooth as soon as it contacts saliva. This allows the high concentrations of fluoride to be in contact with tooth enamel for an extended period of time (about 1 to 7 days). This exposure is much longer than that of other high-concentration topical fluorides such as gels or foams, which are typically left in the mouth for 10 to 15 mins and therefore the amount of fluoride deposited in the tooth surface is considerably greater in demineralised versus sound tooth surfaces.

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Fluoride Varnish Indications for use

- Moderate to high-risk caries patients, especially children
- Caries prevention on exposed root surfaces
- Hypersensitive teeth
- Occlusal fissures
- Dentinal hypersensitivity
- Newly erupted teeth
- Orthodontic patients
- Caries prevention on exposed root surfaces

Advantages of Fluoride Varnish

- Easy and quick application without the need for trays
- Sticky consistency helps it adhere to tooth surface
- Dries rapidly and will set even in the presence of saliva
- Less ingested fluoride during treatment procedure
- Can be applied to large areas of teeth
- Effective for children, elderly patients, and special needs individuals, who cannot tolerate the use of trays or bulkiness of gels or foams
- Protecting Tomorrow’s Smiles

Did you know that high or rapid release of fluoride is not critical for varnish efficacy?

3M™ ESPE’s “Clinpro™ White Varnish” with TCP was designed purposefully to deliver fluoride, calcium and phosphorous slowly. Clinpro™ White Varnish has a fluoride release profile that is consistent with optimum water fluoridation (~1ppm F)

For more information, please contact your local 3M ESPE Product Specialist, or phone 1300 363 454.

Child Dental Benefits Schedule

**Please review Product Information before prescribing.


PBS information: This product is not listed on the PBS

Notes:

1. If you do not know the number of services required, the following codes can be used:

- PB6851/0714
- PB6851/1004
- PB6851/1008
- PB6851/2014
- PB6851/2018


3. Please review Product Information before prescribing.


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References:


3. Copyright © 2014, 3M. All rights reserved. Scotchbond and Paradigm are trademarks of 3M or 3M ESPE

4. 3M Australia Pty Limited

5. 3M, ESPE, Filtek, Photac, Ketac, Ubistesin, Soflex, Clinpro, Protecting Tomorrow’s Smiles


7. PB6851/0714

8. © 2014, 3M. All rights reserved. Scotchbond and Paradigm are trademarks of 3M or 3M ESPE

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10. 3M, ESPE, Filtek, Photac, Ketac, Ubistesin, Soflex, Protecting Tomorrow’s Smiles


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### Integrated Solutions for Children and Adolescents

As a leading manufacturer of dental products, 3M ESPE remains dedicated to delivering practical solutions that meet the special needs of paediatric dentistry.

**Products designed to reduce patient time in the chair**
- And products that are easy to use – requiring less preparation and clean up for you

**Protect young teeth**
- Whether it's a product that you apply in the office, or one that you send home with a patient, 3M ESPE offers innovative solutions that are innovative, child-friendly and clinically proven.

**Restore teeth**
- Whether it's a product that you apply in the office, or one that you send home with a patient, 3M ESPE offers innovative solutions that are innovative, child-friendly and clinically proven.

**Maintain**
- In-office treatments or take home products, to either prevent dental erosion and gum diseases or protect completed restorations.

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### Preventive Solutions

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<th>Product</th>
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<tr>
<td>Clinpro™ Sealant</td>
<td>Unique colour change technology - easy to apply and verify</td>
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<tr>
<td>RelyX™ Luting Plus resin cement for ease flow</td>
<td></td>
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<td>Conventional, direct application in ultra fine spray tip</td>
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