Advanced treatments – designed for every day.

3M™ Clinpro™ 5000
1.1% Sodium Fluoride Anti-Cavity Toothpaste

3M™ Clinpro™ Tooth Crème
0.21% Sodium Fluoride Anti-Cavity Toothpaste
When it comes to fluoride toothpastes, what’s the formula for success? Don’t change your patients’ routine – strengthen it. An advanced formula from 3M offers extra protection that’s as simple as brushing, making it easier for your patients to fight cavities.

The secret ingredients

For over half a century, the ADA has recommended the use of fluoride toothpastes to help prevent tooth decay. However, not all fluoride toothpastes are created equal. That’s because with traditional formulations, calcium and fluoride can combine prematurely in storage and render them less effective.

Enter functionalized Tri-Calcium Phosphate (fTCP), available exclusively from 3M.

Our proprietary “smart” ingredient changes the game. It contains calcium and phosphate – the building blocks of healthy teeth, naturally found in saliva – and isolates them from fluoride until brushed on the teeth. Changing the way these critical minerals are delivered enhances their performance for superior remineralization and greater fluoride uptake.

Innovative caries protection – as easy as fTCP.

1 A protective coating around calcium and phosphate prevents early interactions with fluoride.
2 During brushing, saliva breaks down the coating.
3 Calcium and phosphate are released, making them available directly at the tooth surface along with fluoride.
Clinically-proven science. Clinically-effective toothpaste.

3M™ Clinpro™ Toothpastes

Every patient’s fluoride treatment needs are unique – that’s why we offer two clinically-proven toothpaste formulations to meet ADA recommendations and give them their healthiest smile.

- Prescription-strength 3M™ Clinpro™ 5000 Anti-Cavity Toothpaste
- Non-prescription, low-fluoride 3M™ Clinpro™ Tooth Crème Anti-Cavity Toothpaste

Both formulations are backed by over 10 years of clinical performance and contain proprietary fTCP – so no matter their fluoride needs, they’ll still benefit from its enhanced remineralizing effects.

Key advantages of 3M Clinpro toothpastes:

- Strengthen teeth, repair/reverse white spot lesions
- Promote superior remineralization throughout the lesion
- Optimized pH levels aid remineralization

- Create acid-resistant mineral in dentin tubules
- Contain sodium fluoride and innovative functionalized tri-calcium phosphate (fTCP)
- Low-abrasive formulas for gentle, effective cleaning of exposed root surfaces
- Deliver more fluoride to the tooth surface

Remineralization of white spot lesions – 20 day pH cycling

<table>
<thead>
<tr>
<th>Clinpro 5000</th>
<th>Complete remineralization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinpro Tooth Crème</td>
<td>&gt; 40% remineralization</td>
</tr>
</tbody>
</table>

Baseline | 20 d pH Cycling
Choose the right formulation for every case.

**3M™ Clinpro™ 5000**
1.1% Sodium Fluoride Anti-Cavity Toothpaste

**Prescription-strength**

Specifically formulated for moderate to high-risk patients who may need more fluoride than over-the-counter options, Clinpro 5000 provides additional protection without changing patients’ daily routine. The high fluoride content and our proprietary fTCP ingredient deliver superior remineralization for your caries-prone patients.

- Contains 1.1% Sodium Fluoride (5000 ppm)
- Delivers more fluoride than over-the-counter toothpastes to strengthen and repair enamel
- Available in three great flavors: Vanilla Mint, Spearmint and Bubblegum
- Available by prescription only

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**3M™ Clinpro™ Tooth Crème**
0.21% Sodium Fluoride Anti-Cavity Toothpaste

**Over-the-counter**

Clinpro Tooth Crème is ideal for patients who may not need a prescription-strength formula but still benefit from preventive care, as well as those who may prefer a lower fluoride option. This non-prescription-strength toothpaste allows patients to get all the benefits of our innovative fTCP ingredient at a lower fluoride concentration:

- Contains 0.21% Sodium Fluoride (950 ppm)
- Safe to be used twice daily in place of regular over-the-counter toothpaste, or as recommended by a dentist
- Pleasant Vanilla Mint flavor
- Available over the counter

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**Recharge ahead!**

Both Clinpro 5000 and Clinpro Tooth Crème have the ability to “recharge” fluoride-releasing sealants and restorations. This means that every time a patient brushes their teeth, their restoration or sealant absorbs more fluoride, which is then re-released into the mouth. This recharge can last up to several hours – and it repeats every time your patient brushes their teeth.

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**Enamel Fluoride Uptake – 20-day pH cycling**

![Enamel Fluoride Uptake Chart]

**Remineralization – 20-day pH cycling**

![Remineralization Chart]

**Tubule Occlusion**

![Tubule Occlusion Chart]
High-risk patients need high-quality care.

Tooth decay is the world’s most widespread noncommunicable disease, affecting 60–90% of children and nearly 100% of adults globally. And while modern oral hygiene habits and advancements in dental technology have made an impact, many patients still need preventive treatments. The American Dental Association (ADA) recommends that all patients should brush with fluoride toothpaste twice a day to maintain oral health, but those at a moderate to high risk of caries can benefit from higher concentrations of fluoride. 

ADA-approved caries risk assessment (ages >6)

<table>
<thead>
<tr>
<th>Moderate Risk</th>
<th>High Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 or 2 carious lesions or restorations in the last three years</td>
<td>3 or more carious lesions or restorations in the last three years</td>
</tr>
<tr>
<td>Unusual tooth morphology</td>
<td>Missing teeth due to caries in the past three years</td>
</tr>
<tr>
<td>Dental/Orthodontic appliances</td>
<td>Cariogenic diet</td>
</tr>
</tbody>
</table>

Additional risks include:
- Presence of multiple factors that may increase caries risk
- Suboptimal fluoride exposure
- Xerostomia due to medication or other factors
- Special health care needs that may limit/prevent adequate oral health care

Fluoride: a smile’s best friend.

Fluoride, the ionic form of the element fluorine, is the 13th most abundant element in the earth’s crust and one of your patients’ best defenses against dental caries.

This naturally-occurring mineral holds onto calcium and phosphate in the mouth, thereby increasing the mineralization of enamel – and provides an extra boost of protection by replacing the normal enamel crystalline composition hydroxyapatite with more decay-resistant fluorapatite, inhibiting decay.
Clinpro™ 5000
1.1% Sodium Fluoride Anti-Cavity Toothpaste

HIGHLIGHTS OF PRESCRIBING INFORMATION
INDICATIONS AND USAGE
Clinpro 5000 Anti-Cavity Toothpaste is indicated for use as part of a professional program for the prevention and control of dental caries.

DOSEAGE AND ADMINISTRATION
• Use once daily in place of conventional toothpaste unless instructed otherwise by a physician or dentist.
• Apply a thin ribbon or pea-sized amount of Clinpro 5000 Anti-Cavity Toothpaste using a soft-bristled toothbrush and brush teeth for at least two minutes.
• After brushing, adults should expectorate. Children 6 to 15 years of age should expectorate and rinse mouth thoroughly with water.

DOSEAGE FORMS AND STRENGTHS
White toothpaste containing 1.1% sodium fluoride

CONTRAINDICATIONS
Do not use in children under 6 years of age unless recommended by a dentist or physician.

WARNINGS AND PRECAUTIONS
• Do not swallow.
• Keep out of reach of children under 6 years of age.
• Repeated ingestion of high levels of fluoride may cause dental fluorosis.

ADVERSE REACTIONS
Allergic reactions and other idiosyncrasies have been rarely reported.

Adverse effects of fluoride from all sources, including toothpaste, are most likely to occur in children aged 6 to 16 years of age. These effects usually occur at exposures above those associated with other adverse health effects.

In populations with permanent dentition, skeletal fluorosis is the greatest risk from excessive fluoride. For this population, the Institute of Medicine (IOM) established Fluoride Upper Limits of Intake based on the risk of dental fluorosis.

Population

<table>
<thead>
<tr>
<th>IOM Fluoride Upper Limit</th>
<th>Infant 0-12 months old</th>
<th>Infant 13 months old</th>
<th>Children 1-3 years old</th>
<th>Children 4-8 years old</th>
<th>Children &gt; 8 years old</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.7 mg/kg/day</td>
<td>0.9 mg/kg/day</td>
<td>1.3 mg/kg/day</td>
<td>2.2 mg/kg/day</td>
<td>10 mg/kg/day</td>
<td></td>
</tr>
</tbody>
</table>

Prescribing physicians and dentists should consider total fluoride exposure (dental care plus food, water and other sources) when prescribing the product for use in women who are nursing.

Pediatric Use
The primary adverse effects of fluoride are fluorosis of dental enamel and of the skeleton; these effects occur at exposures below those associated with other adverse health effects.

Prescribing physicians and dentists should consider total fluoride exposure (dental care plus food, water and other sources) when prescribing the product for use in children.

Geriatric Use
No studies of Clinpro 5000 Anti-Cavity Toothpaste have been conducted to determine whether subjects aged 65 and over respond differently from younger subjects.

OVERDOSAGE
Ingestion of large amounts of fluoride may result in abdominal pain, stomach upset, nausea, vomiting and diarrhea. These symptoms may occur at overdoses of 5 mg/kg of body weight. Fluoride doses of 16 mg/kg have been fatal.

Nursing Mothers
Prescribing physicians and dentists should consider total fluoride exposure (dental care plus food, water and other sources) when prescribing the product for use in women who may become pregnant.

Treatment for Overdose of Clinpro 5000 Toothpaste

<table>
<thead>
<tr>
<th>Ingested fluoride dose</th>
<th>Amount for 10kg of body weight</th>
<th>Recommended action to take</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 5 mg/kg</td>
<td>This equals less than ½ ounce (or less than 3 teaspoons)</td>
<td>Do not induce vomiting. Give 1-2 glasses of milk and seek medical attention or contact a poison control center.</td>
</tr>
<tr>
<td>5 mg/kg or more</td>
<td>This equals about ½ ounce (about 1 tablespoon) or more.</td>
<td>Do not induce vomiting. Give 1-2 glasses of milk and seek medical attention or contact a poison control center.</td>
</tr>
</tbody>
</table>

*The amount to reach the fluoride dose will be proportionately larger with older children and adults. A thin ribbon or pea-sized amount of Clinpro 5000 Anti-Cavity Toothpaste weighs approximately 0.3 g and contains approximately 1.5 mg of fluoride ion. A 4 oz. tube contains 564 mg of fluoride ion.


Storage
This product is designed to be stored and used at room temperature. Do not freeze or expose to extreme heat. See outer package for expiration date.

Manufactured for:
3M ESPE
Dental Products
St. Paul, MN 55144-1000 USA
Revision date: 01/11/2012
Rx Only
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This is a summary of the prescribing information. For complete prescribing information, please visit www.3M.com.

Ordering Information

<table>
<thead>
<tr>
<th>Item #</th>
<th>Product Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>12117</td>
<td>Clinpro™ Tooth Crème 0.21% Sodium Fluoride Anti-Cavity Toothpaste—Vanilla Mint Flavor – 4oz tube</td>
</tr>
<tr>
<td>12115</td>
<td>Clinpro™ 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste—Vanilla Mint Flavor – 4oz tube</td>
</tr>
<tr>
<td>12115BG</td>
<td>Clinpro™ 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste—Bubble Gum Flavor – 4oz tube</td>
</tr>
<tr>
<td>12115SM</td>
<td>Clinpro™ 5000 1.1% Sodium Fluoride Anti-Cavity Toothpaste—Spearmint Flavor – 4oz tube</td>
</tr>
</tbody>
</table>

2 3M internal data.

www.3M.com/PreventiveCare