

Many patients are uncomfortable and fearful with the prospect of traditional dental services due to painful past experiences. With our dental compounding medications that are administered in office prior to procedures, patients can rest assure that they will be at ease during procedures.

## Easy Numb Gel

**Ingredients:** Lidocaine 10%, Prilocaine 10%, Tetracaine 4%

**Description:** By combining lidocaine, prilocaine, and tetracaine, we compound Easy Numb to give patients comfort through procedures, such as deep cleaning, that may otherwise require local anesthesia.

Easy Numb is made in a dental cream base that will be flavored according to your preference, such as mint and bubble gum.

### **Reference:**

*Cosmetic Dermatology 2003 Apr;16(4):35-7*

Topical Triple-Anesthetic Gel Compared With 3 Topical Anesthetics, Lee MWC,  
Department of Dermatologic Surgery, University of California, San Francisco

## Easy Numb Plus (TAC-4)

**Ingredients:** Lidocaine 10%, Prilocaine 10%, Tetracaine 4%, Phenylephrine 2%

**Description:** For patients who are more prone to bleeding during procedures, Easy Numb Plus is helpful as the added phenylephrine is used to prevent the bleeding.

Easy Numb Plus is made in a dental cream base that will be flavored according to your preference, such as mint and bubble gum.

## Tetracycline Capsules

**Ingredients:** Tetracycline 250mg or 500mg

**Description:** Tetracycline has been the antibiotic of choice for dentists to give their patients to prevent infection after a procedure. Now that the commercial tetracycline capsules are no longer available, they can be specially compounded for dental needs.

## Dyclonine 1% Oral Dental Solution (Anti-Gag)

**Ingredients:** Dyclonine hydrochloride 1%

**Description:** Dyclonine is used for suppressing the gag reflex in dental procedures such as positioning x-ray films, making impressions, or doing procedures to the molar areas. This may be useful as a pre-injection anesthetic or could be applied to gums prior to scaling, or gross-debridement. It could also be a useful alternative for topical analgesia.

Patient's rinse mouth with 30ml of the dyclonine for no more than 1 minute and expectorate. Swish mouth with clean water afterwards and expectorate again. Do not leave the dyclonine anesthetic rinse in contact with skin longer than 1 minute.

## Oral Gel Sore Relief (Acyclovir 5% Oral Gel)

**Ingredients:** Acyclovir 5%

**Description:** Acyclovir is the most commonly prescribed anti-viral agent for relief of cold sores. Compounded Acyclovir in an oral gel form targets the site of the virus with local absorption, consequently minimizing the unwanted side effects the oral tablets produce.

## Burning Mouth Relief (Stomatodynia Relief)

**Ingredients:** Clonazepam 1mg

**Description:** The formulation for a mouth rinse containing clonazepam 1 mg per 5 ml has been reported. It is hypothesized that clonazepam acts locally to disrupt the mechanism(s) underlying stomatodynia. Topical formulations of gabapentin, ketamine, clonidine, and baclofen have been used to treat chronic neuropathic pain at various bodily sites.

**Reference:**

*Int J of Pharmaceutical Compounding* July/Aug 2005, 9(4):310

*Pain* 2004 Mar;108(1-2):51-7

*Pain Med.* 2000 Mar;1(1):97-100

## Topical Antibiotics for Periodontal Therapy

**Ingredients:** Metronidazole

**Description:** Compounding allows countless active ingredients to be incorporated into customized mouthwashes, gels, , etc. For example, to treat periodontal disease, antibiotics can be formulated as a mouthwash, or added to an oral adhesive paste or a plasticized gel that will maintain the contact between the tissue and medication for a prolonged period of time.

Metronidazole 25% in a lipogel-type base provides an efficient treatment of anaerobic infection when applied topically in the periodontal pockets.

**Reference:**

*J Int Acad Periodontol.* 2000 Jul;2(3):64-70

*Vojnosanit Pregl.* 2005 Jul-Aug;62(7-8):565-8

*Minerva Stomatol.* 2000 Jan-Feb;49(1-2):59-67

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## Triamcinolone Acetonide Oral Rinse for Treating Oral Lichen Planus

**Ingredients:** Triamcinolone 0.1% Suspension

**Description:** Corticosteroids are the class of drug most commonly used for the treatment of oral lichen planus. Triamcinolone acetonide paste is the most widely available commercial preparation for the treatment of oral lichen planus, but is difficult to apply to mucosa and patients have reported an unpleasant sticky sensation. Delivery of corticosteroids via an oral rinse has the advantage of providing drug contact with the distal, hard-to-reach crevices and surfaces of the oral cavity, which can prevent new eruptions.

The use of a 0.1% triamcinolone acetonide aqueous *suspension* as an oral rinse in the treatment of symptomatic oral lichen planus has proven to be more effective than the 0.1% dental paste. This preparation must be compounded extemporaneously and should not contain flavorings (which stimulate salivation and therefore dilute the preparation in the mouth, decreasing its effectiveness) or preservatives (which may sting or burn the mucosa). Also, researchers have formulated a triamcinolone acetonide *solution* for use as an oral rinse, which is more convenient to use and more palatable than the commercially available triamcinolone acetonide paste, with similar therapeutic efficacy.

**Reference:**

*Am J Health-Syst Pharm.* 2005;62(5):485-491

Formulation and efficacy of triamcinolone acetonide mouthwash for treating oral lichen planus.

## No More Blood Mouthwash (Anticoagulate Rinse)

**Ingredients:** Tranexamic acid solution (4.8%)

**Description:** Tranexamic acid solution (4.8%) used as a mouthwash has been used successfully to prevent post surgical bleeding after oral surgery without dose modification of oral anticoagulants.

**Reference:**

*J Oral Maxillofac Surg* 1993 Nov; 51 (11) : 1211- 6

Prevention of postsurgical bleeding in oral surgery using tranexamic acid without dose modification of oral anticoagulants.

Ramstrom G, Sindet-Pedersen S, Hall G, Blomback M

Department of Oral and Jaw Diseases, Karolinska Hospital, Stockholm, Sweden.

## Cold Sore Relief Gel Plus (Acyclovir and Chlorhexidine Gel)

**Ingredients:** Acyclovir and Chlorhexidine Digluconate

**Description:** Herpes Simplex infections (cold sores) include a variety of infections caused by herpesvirus types 1 and 2; type 1 infections most commonly are indicated by the eruption of one or more groups of vesicles on the vermilion border of the lips or at the external nares, These cold sores can be treated with our Cold Sore Relief Gel Plus which includes an antiviral and an antiseptic agent in a topical gel dosage form.

**Reference:**

U.S. Pharmacopeia 25/National Formulary 20, Rockville MD:

U.S. Pharmacopeial Convention, 2002, pp 2053-2057

AHFS Drug Information 00. Bethesda MD:

American Society of Health-System Pharmacists,  
2000, pp 527-537, 3357-3359

## Oral Fungal Infection Relief (Nystatin Oral Paste)

**Ingredients:** Nystatin

**Description:** Oral thrush is a complex disorder associated with altered immunity, immunosuppressive medications, chemotherapy, antibiotic therapy and use of steroids. Currently doctors prescribe nystatin suspensions but their dwell time in the oral cavity is very short. The paste dosage form provides for a longer residence time in the mouth but not one sufficient to continually bathe the oral cavity with the antifungal agent. The incorporation of nystatin into a slow release paste vehicle accomplishes the goal of providing the antifungal agent in a vehicle that has muco-adhesive properties and provides for a long release of nystatin.

*Oral surg Oral Med Oral Pathol.* 1992; 75(5):567-571 Ruskin JD, Wood RP, MR et al.

Comparative trial of oral doxymazole and nystatin for oropharyngeal candidiasis prophylaxis in orthotopic liver transplant patients.

U.S. Pharmacopeia 23/National Formulary 18. Rockville MD:

U.S. Pharmacopeial Convention, 1995, pp 1109.

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