



Frequently Used Compounds

DENTAL PRACTICE

**Not an all-inclusive list; examples only of more common formulations. Does not represent full compounding capabilities. New, custom and physician-specific formulations are encouraged.*

Topical Anesthetic: (shelf life is 6 months)

Tetracaine **4%**, Phenylephrine **2%**, Lidocaine **20%**

Mint flavored anesthetic used prior to procedures in the mouth. Numbing effect will last up to 30 minutes.

Sig: Apply with a Q-tip or microbrush to dried mucosal surface, leave in place 2-3 minutes prior to procedure.

Dyclonine HCL 1% Oral Dental Solution: (shelf life is 90 days)

Useful as a mouthwash or gargle in suppressing the gag reflex in dental procedures such as positioning of 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 the gums prior to scaling. It could also be a useful alternative for topical analgesia in patients that have an allergy to the “caines”.

Sig: Rinse with 5ml for 10 seconds and expectorate

Aphthous Ulcers/Stomatitis/Mucositis: (shelf life is 6 months)

Polyphenol Sulfonic Acid **65%**

This formulation is applied topically in small amounts to the affected area with a cotton swab. Although it burns upon application, the sore is essentially cauterized, and in most cases no further symptoms are reported.

Sig: Apply with a Q-tip to dried mucosal surface for 3-5 seconds

Aphthous Ulcers/Stomatitis/Mucositis: (shelf life is 3 months)

Menthol **0.075%**, Thymol **0.01%**, Camphor **0.075%**, Benzocaine **2%**, Tannic Acid **1%**

Sig: Apply with a Q-tip to mouth ulcers 3-4 times daily

Aphthous Ulcers/Stomatitis/Mucositis: (shelf life is 3 months)

Clobetasol **0.05%**, Ketoconazole **2%** Ointment

Sig: Apply thin film to inner surface of dentures or medication trays. Seat for 30 minutes.

Aphthous Ulcers/Stomatitis/Mucositis: (shelf life is 3 months)

Clobetasol **0.05%** Ointment **1:1** with Orabase

Sig: Apply thin film to dried mucosa bid. Do not rub in. NPO for ½ hr.

Aphthous Ulcers/Stomatitis/Mucositis: (shelf life is 2 weeks – 1 month)

Triamcinolone Acetonide **0.2%** in sugar free Nystatin 100,000u/ml suspension (for use in patients predisposed to Candidosis)

Sig: Rinse with 5ml for 1 minute and expectorate qid, pc, and hs. Nothing by mouth for 30 min.

Aphthous Ulcers/Stomatitis/Mucositis: (shelf life is 6 months)

Misoprostol **0.0024%**, Lidocaine **2%**, Diphenhydramine **1%** in oral adhesive powder (provides protective bandage over area)

Sig: Sip water, then spray powder. Repeat water-powder 3 times. Use prn. (Dispense: 1 puffer)

Herpes Simplex: One tube (shelf life is 6 months)

Acyclovir **2%** – Lip Balm

Deoxy-D-Glucose (2) **2%**, Lidocaine **1%**, PABA **0.75%** - Lip Balm

Acyclovir **2%**, Chlorhexidene **0.2%** – Topical Gel

Candidosis: (shelf life is 6 months)

Aqueous Alcohol Free Chlorhexidene **0.12%** Gel (Flouride can also be added)

Sig: 5-15ml use as mouth rinse for 60-90 seconds and expectorate bid, pc, am, and hs. NPO for ½ hour.

Burning Mouth Syndrome: (shelf life is 3 months)

Dyclonine **1 mg**, Diphenhydramine **10 mg** Troche

Sig: Use ½-1 troche every 4-6 hours prn pain

TMJ Pain: (shelf life is 3 months)

Ketoprofen **20%**, Baclofen **2%**, Lidocaine **5%** Transdermal Gel

or

Ketoprofen **10%**, Cyclobenzaprine **1%**, Transdermal Gel

Sig: Apply externally to mandible area qid and prn

Orofacial Neuropathic Pain: (shelf life is 3 months)

Gabapentin **6%**, Ketamine **4%**, Clonidine **0.2%**, Ketoprofen **10%**, Lidocaine **5%** Transdermal Gel

Multiple agents address wide range of pain receptors without systemic or CNS side effects

Sig: Apply to painful area qid and prn

Artificial Saliva with Xylitol: (shelf life is 6 months)

Potassium Phosphate, Magnesium Chloride, Potassium Chloride, Calcium Chloride, Sodium Fluoride, Xylitol, Sodium Carboxymethylcellulose

Sig: Rinse with 5ml for 1 minute, swish and swallow, repeat as needed

Electrolyte Troche: (shelf life is 6 months)

Sodium Chloride, Potassium Chloride, Calcium Lactate, Magnesium Sulfate, Sodium Bicarbonate, Sodium Phosphate

Sig: Use 1 troche every 4-6 hours

Electrolyte Saliva Gel: (shelf life is 6 months)

Sodium Chloride, Potassium Chloride, Calcium Chloride, Sodium CMC Gel (aqueous)

Sig: Rinse with 5ml for 1 minute, swish and swallow, repeat as needed

Magic Mouthwashes

There are numerous magic mouthwash formulations. Most contain at least three ingredients. Formulas may contain a combination of an antibiotic (to reduce the bacterial flora around the lesion), antihistamine (for local anesthetic effect), antifungal (to stop any fungal growth), steroid (to reduce inflammation), a local anesthetic/pain reliever, or an antacid (to enhance coating of the ingredients on the mouth). Most of the formulations are used every four to six hours with instructions to hold in the mouth for one to two minutes then spit or swallow. Patients should be instructed to shake the bottle well before using and not to eat or drink for 30 minutes after use.

MISC

Dental Gel (Profound Gel)

Lidocaine 10% / Prilocaine 10% / Tetracaine 4%

Dispense: 20 ML

FOR OFFICE USE ONLY

Dry Socket Paste - For Dry Socket Prevention

Oxytetracycline 3% / Hydrocortisone 1% /

Tetracaine 1% / Eugenol 8.9%

Dispense: 5 ML

FOR OFFICE USE ONLY

Topical Anesthetic - For patient comfort during cleanings and routine procedures

Potassium Nitrate 35% / Tetracaine 10% /

Benzocaine 10%

Dispense: 20 ML

FOR OFFICE USE ONLY

TAC Alternative 20% - Use prior to injection, scaling root planning, laser and soft tissue procedures

Lidocaine 20% / Tetracaine 4% / Phenylephrine 2%

Dispense: 20 ML

FOR OFFICE USE ONLY

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