

## COMPOUNDING FOR DENTISTRY COURSE OUTLINE

Compounding for Dentistry is a 15 hour application-based course.

The goal of this application-based course is to introduce the pharmacist and pharmacy technician to both didactic and hands-on laboratory experience in compounding for dentistry. An in-depth review of both acute and chronic disorders commonly encountered in dental practice will be paired with the compounds used to treat these conditions. In the U.S., only a few medications are manufactured for intraoral use. Extemporaneously compounded products are of great value in dentistry, allowing for topical application of a wide variety of medications.

A review of OTC products for oral home care will explain the “must have” products that will compliment Rx dental drug therapy and establish your pharmacy as a referral center for local dental practitioners. The goal of this course is to provide a foundation of knowledge and experience that can be used to successfully grow and market a dental compounding practice.

### Instructed by:

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Associate Professor  
College of Dentistry  
The University of Iowa

### Upon completion of this program, the participant will be able to:

- Describe at least 5 chronic intraoral conditions that can be effectively treated with topical compounds.
- Explain the advantages of steroid rinse formulations over the use of systemic corticosteroids for chronic non-microbial mucositis (aphthous stomatitis, erosive lichen planus, benign mucous membrane pemphigoid, pemphigus, etc.).
- List three important formulation considerations which are unique to intraoral delivery of medications.
- Explain the mechanism that associates antidepressants and other CNS medications with the occurrence of temporomandibular joint disorders.
- Propose alternative treatments for the phenomena listed above.
- Assess the potential for the occurrence of serious adverse effects/toxicities of topically applied anesthetic mixtures and propose formulation changes to enhance patient safety.
- Illustrate the disadvantages of currently marketed salivary stimulant agents (cevimeline, pilocarpine) for patients with medication-induced xerostomia (dry mouth).
- Describe six lifestyle changes that will improve the quality of life for patients with xerostomia.
- Identify several commercial over-the-counter products that are beneficial for patients with mucositis.
- Cite examples of commonly used flavoring agents that destroy the antimicrobial activity of chlorhexidine digluconate.
- Demonstrate the ability to compound a variety of products for dental patients including topical and transdermal gels, suspensions, solutions.
- Discuss marketing strategies that will enhance a dental compounding practice.

## Day One

8:00 a.m. – 10:30 a.m. Welcome, Introductions, Lecture/Discussion

- Overview of dental pharmacy practice
- Principles of compounding intraoral products
- Review of common intraoral disease states & their management

10:30 a.m. – 10:45 a.m. Break (no CE)

10:45 a.m. – 12:00 p.m. Lecture/Discussion

- Aphthous stomatitis (canker sores)
- Herpes labialis
- Perioral dermatitis

**Agenda is continued on next page.**

## COMPOUNDING FOR DENTISTRY COURSE OUTLINE (CONTINUED)

### Day One (continued)

12:00 p.m. – 1:00 p.m. Lunch (no CE)

1:00 p.m. – 3:00 p.m. Laboratory

- Compounding topical dental products

3:00 p.m. – 3:15 p.m. Break (no CE)

3:15 p.m. – 5:00 p.m. Laboratory

- Xerostomia
- Recognizing drug-induced intraoral diseases

### Day Two

8:00 a.m. – 10:30 a.m. Lecture/Discussion

- Etiology and treatment of temporomandibular joint disorders
- Muscle relaxants

10:30 a.m. – 10:45 a.m. Break (no CE)

10:45 a.m. – 12:00 p.m. Lecture/Discussion

- Home care products: What should I recommend?
- Establishing your pharmacy as a dental referral center

12:00 p.m. – 1:00 p.m. Lunch (no CE)

1:00 p.m. – 3:00 p.m. Laboratory

- Compounding topical dental products

3:00 p.m. – 3:15 p.m. Break (no CE)

3:15 p.m. – 4:00 p.m. Laboratory

- Compounding topical dental products

4:00 p.m.- 5:00 p.m. Lecture & Discussion, Course Wrap up

- Patient education
- Provider education

**Cost: ACA/ACVP Members - \$995.00/2nd person \$845.00**

**Non Members \$1095.00**

Compounding for Dentistry, an application-based course, has been approved for 15.0 contact hours (1.5 CEU's) of continuing education credit with all 15.0 contact hours (1.5 CEU's) being obtained in the live programming with ACPE Universal Activity Numbers 0201-0000-15-007-L01-P and 0201-0000-15-007-L01-T. These UAN have an initial release date of 01/01/2015 and an expiration date of 01/01/2018. Attendees will be required to complete an evaluation form at the completion of the program. Attendees requesting CE will be required to provide their NABP e-Profile ID and birthdate (MMDD) to receive credit for any ACPE-accredited CPE session.

The American College of Apothecaries, Inc. is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.