Drug Monograph Content Contributors and Reviewers

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This tenth edition of *Mosby’s Dental Drug Reference* continues Mosby-Elsevier’s tradition of providing comprehensive and current information on prescription drugs and recommendations for the care of the dental patients who take them. As in past editions, new individual drugs, as well as new drug classes, are included in this concise reference book, which is designed to address the need of oral health care practitioners and educators for readily accessible and up-to-date drug information and guidance for the dental management of medically compromised patients. The tenth edition incorporates many significant improvements, including:

2. A revised and updated section on Medically Compromised Patients, addressing the most recent antibiotic prophylaxis guidelines for patients at risk of infective endocarditis and for patients with total joint replacements, as well as a summary of monoclonal antibody therapy.
3. Revised and updated monographs on cardiovascular drugs.
4. The relocation of the section on Herbal and Nonherbal Remedies to a more comprehensive database within the Evolve Online Learning Resources.
5. Practice-oriented precautions, dental considerations, and recommended medical consultations for every drug entry, and essential drug facts that are placed directly in the context of the dentist’s and dental hygienist’s care.
6. Highlights of serious adverse reactions and contraindications. In each drug entry, the book calls attention to dangerous or life-threatening reactions so that you can identify them easily and deal with them promptly.
7. Specialized dental care guidelines, including the most recent recommendations for the prevention of infective endocarditis. Suggested protocols for the treatment of medically compromised patients and the therapeutic management of common oral lesions are also included.
8. Combination drug guide. Detailed index of combination drugs arranged by trade name.
9. Comprehensive appendices. Eleven ready-reference appendices give you easy access to additional vital drug-related information and detailed sections concerning anesthetics, controlled substances, disorders and conditions, pregnancy and pediatrics, and sample prescriptions for drugs more commonly prescribed in dental practice.

A detailed guide to *Mosby’s Dental Drug Reference, Tenth Edition*:

*Mosby’s Dental Drug Reference* provides essential drug information in a user-friendly format. The bulk of this handbook contains an alphabetical listing of drug entries by generic name. Drug entries include the following:

**Generic and Brand Names.** Drug entries begin with the generic drug name, followed by its pronunciation and its U.S., Canadian, and Australian brand names.

**Category and Schedule.** This section lists the drug’s pregnancy risk category and, when appropriate, its controlled substance schedule or over-the-counter (OTC) status.

**Mechanism of Action.** This section clearly and concisely describes the drug’s mechanism of action and therapeutic effects.
Pharmacokinetics. Under this heading, a quick-reference chart outlines the drug’s route, onset, peak, and duration, when known. This information is followed by a brief description of the drug’s absorption, distribution, metabolism, excretion, and half-life.

Indications and Dosages. Here, you’ll find the approved indications and routes, along with age-appropriate dosage information and, for selected agents, dosage adjustments for preexisting conditions, such as liver or kidney disease.

Precautions/Contraindications. Using a practice-oriented format and written specifically for dentistry, this section presents precautions and considerations for each drug entry. Each entry lists conditions in which use of the generic drug is contraindicated.

Interactions. For drugs, herbal supplements, and food, this section supplies vital information about adverse interactions of the medical drug with drugs prescribed in dentistry.

Adverse Effects. Unlike other handbooks that mix more common adverse effects with rare, minor ones in a long, undifferentiated list, this book ranks side effects by frequency of occurrence, indicating expected, frequent, occasional, and rare.

Serious Reactions. Because serious adverse reactions can be life-threatening emergencies that require prompt intervention, this section highlights them separately from other side effects for easy identification.

Mosby’s Dental Drug Reference, Tenth Edition, is an easy-to-use source of current drug information for a wide spectrum of dental care providers. When it comes to providing quality patient care, all members of the dental team can rely on the tenth edition of Mosby’s Dental Drug Reference for current, dentally relevant information, presented in an easy-to-use format. As you use the book, please keep in mind the following:

• The majority of the monographs are descriptions of drugs utilized on an outpatient basis and, therefore, more likely to be encountered in dental practice. Vaccines, biologicals, and medications used only intraoperatively in hospitalized patients are generally not included, and the reader is referred to other resources for this information.

• The Evolve website (http://evolve.elsevier.com/dental/drug/) can be consulted for updates and new information pertinent to this text.

• Several important “Dental Considerations” are relevant to all of the drugs described in the monographs, including:

  1. The use of a prescription medication indicates the presence of a medical condition that is being managed by one or more physicians. The physical status of the patient and his or her ability to tolerate dental treatment must be determined.

  2. In collaboration with the treating physician(s), the physician, not the dentist, should guide all decisions related to changes in the use of prescription drugs for medical conditions.

  3. Vital signs and/or other assessments should be determined at every dental treatment visit, as appropriate and as indicated; many drugs used for systemic conditions result in adverse oral conditions, such as xerostomia. Strict attention must be paid to the prevention of negative outcomes of
these conditions, particularly caries and periodontal disease; education of the patient and the patient’s family about his or her medications should be reinforced by the dental team, particularly as it relates to the prevention of oral complications of medication use.

4. This text does not constitute advice about the dental management of specific patients, each of whom must be evaluated individually using all pertinent diagnostic information, and the monographs contained in this book do not constitute full prescribing information for the drugs.

In the production of the book, we have endeavored to make it as current and relevant as possible, while emphasizing the busy oral health care provider’s need for rapid access and dentally relevant information. On behalf of the Editor-in-Chief and Mosby, a sincere debt of gratitude is owed to our reviewers, Catherine M. Flaitz, DDS, MS, University of Texas School of Dentistry at Houston; Marshal Shlafer, PhD, University of Michigan School of Medicine; and Ruth Fearing Tornwall, RDH, MS, Lamar Institute of Technology, and to our monograph content contributor, Catherine Ulbricht, PharmD, MBA, Natural Standard Research Collaboration, for their expertise and contributions. Finally, this work is respectfully dedicated to Drs. Raymond P. Ahlquist, Gerald O. Carrier, Alfred E. Ciarlone, Louis P. Gangarosa, Sr., James L. Matheny, and Armand M. Karow, and their faculty colleagues at the Medical College of Georgia, whose passion for pharmacology and its significance to all health care professions will continue to inspire generations of teachers of the discipline.