Mosby's 2013 Nursing Drug Reference

Everything you need to administer drugs safely, accurately, and professionally.

From the Most Trusted Name in Nursing!
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How to Use

- Easily confused drug names located beneath the header
- Common unlabeled uses and doses clearly indicated
- Black Box Warnings identify serious and life-threatening adverse effects
- Subheads indicate specific administration for dosing and routes of administration
- Pregnancy categories appear under Contraindications (D or X) or Precautions (A, B, or C)
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Preface

Since the first publication of *Mosby’s Nursing Drug Reference* in 1988, more than 100 U.S. and Canadian pharmacists and consultants have reviewed the book’s content closely. Today, *Mosby’s 2013 Nursing Drug Reference* is more up to date than ever—with features that make it easy to find critical information fast!

**NEW FEATURES**

- New full-color design to spotlight critical and safety-related information
- More than 20 recent FDA-approved drugs located throughout the book and in Appendix A (see Contents for a complete list). Included are monographs for:
  - belatacept (Nulojix)—for kidney transplant rejection
  - indacaterol (Arcapta)—for COPD
  - rilpivirine (Edurant)—for HIV
  - rivaroxaban (Xarelto)—for DVT
- Updated Evolve website

**NEW FACTS**

This edition features more than 2000 new drug facts, including:

- New drugs and dosage information
- Newly researched side effects and adverse reactions
- New and revised Black Box Warnings
- The latest precautions, interactions, and contraindications
- IV therapy updates
- Revised nursing considerations
- Updated patient/family teaching guidelines

**ORGANIZATION**

This reference is organized into three main sections:

- Drug categories
- Individual drug monographs (in alphabetical order by generic name)
- Appendixes (identified by the wide, blue thumb tabs on the edge)
The guiding principle behind this book is to provide fast, easy access to drug information and nursing considerations. Every detail—from the paper, typeface, cover, binding, use of color, and appendixes—has been carefully chosen with the user in mind.

**INDIVIDUAL DRUG MONOGRAPHS**

This book contains monographs for more than 1300 generic and 4500 trade medications. Common trade names are given for all drugs regularly used in the United States and Canada, with drugs available only in Canada identified by a maple leaf 🍃.

The following information is provided, whenever possible, for safe, effective administration of each drug:

- **High-alert status:** Identifies high-alert drugs with a label and icon. Visit the Institute for Safe Medication Practices (ISMP) at [http://www.ismp.org/tools/highalertmedications.pdf](http://www.ismp.org/tools/highalertmedications.pdf) for a list of medications and drug classes with the greatest potential for patient harm if they are used in error.

- **“Tall Man” lettering:** Uses the capitalization of distinguishing letters to avoid medication errors and is required by the FDA for drug manufacturers.

- **Pronunciation:** Helps the nurse master complex generic names.

- **Rx/OTC:** Identifies prescription or over-the-counter drugs.

- **Functional and chemical classifications:** Allows the nurse to see similarities and dissimilarities among drugs in the same functional but different chemical classes.

- **Do not confuse:** Presents drug names that might easily be confused within each appropriate monograph.

- **Action:** Describes pharmacologic properties concisely.

- **Uses:** Lists the conditions the drug is used to treat.

- **Unlabeled uses:** Describes drug uses that may be encountered in practice but are not yet FDA-approved.

- **Dosages and routes:** Lists all available and approved dosages and routes for adult, pediatric, and geriatric patients.

- **Available forms:** Includes tablets, capsules, extended-release, injectables (IV, IM, SUBCUT), solutions, creams, ointments, lotions, gels, shampoos, elixirs, suspensions, suppositories, sprays, aerosols, and lozenges.

- **Side effects:** Groups these reactions by alphabetical body system, with
common side effects *italicized* and life-threatening reactions (those that are potentially fatal and/or permanently disabling) in **bold, red type** for emphasis.

**Contraindications:** Lists conditions under which the drug absolutely should not be given, including FDA pregnancy safety categories D or X.

**Precautions:** Lists conditions that require special consideration when the drug is prescribed, including FDA pregnancy safety categories A, B, or C.

**Black Box Warnings:** Identifies FDA warnings that highlight serious and life-threatening adverse effects.

**Pharmacokinetics:** Outlines metabolism, distribution, and elimination.

**Interactions:** Includes confirmed drug interactions, followed by the drug or nutrient causing that interaction, when applicable.

**Drug/herb:** Highlights potential interactions between herbal products and prescription or OTC drugs.

**Drug/food:** Identifies many common drug interactions with foods.

**Drug/lab test:** Identifies how the drug may affect lab test results.

**Nursing considerations:** Identifies key nursing considerations for each step of the nursing process: Assess, Administer, Perform/Provide, Evaluate, and Teach Patient/Family. Instructions for giving drugs by various routes (e.g., PO, IM, IV) are included, with route subheadings in bold.

**Compatibilities:** Lists syringe, Y-site, and additive compatibilities and incompatibilities. If no compatibilities are listed for a drug, the necessary compatibility testing has not been done and that compatibility information is unknown. To ensure safety, assume that the drug may not be mixed with other drugs unless specifically stated.

**“Nursing Alert” icon:** Highlights a critical consideration.

**Treatment of overdose:** Provides drugs and treatment for overdoses where appropriate.

**APPENDIXES**

**Selected new drugs:** Includes comprehensive information on 26 key drugs approved by the FDA during the past 12 months.

**Ophthalmic, otic, nasal, and topical products:** Provides essential information for more than 140 ophthalmic, otic, nasal, and topical products commonly used today, grouped by chemical drug class.

**Vaccines and toxoids:** Features an easy-to-use table with generic and trade names, uses, dosages and routes, and contraindications for 39 key vaccines
and toxoids.

I am indebted to the nursing and pharmacology consultants who reviewed the manuscript and thank them for their criticism and encouragement. I would also like to thank Robin Carter and Shephali Graf, my editors, whose active encouragement and enthusiasm have made this book better than it might otherwise have been. I am likewise grateful to Joy Moore and Graphic World Inc. for the coordination of the production process and assistance with the development of the new edition.

Linda Skidmore-Roth

**FDA pregnancy categories**

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<th>Description</th>
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<td><strong>A</strong></td>
<td>No risk demonstrated to the fetus in any trimester</td>
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<td><strong>B</strong></td>
<td>No adverse effects in animals; no human studies available</td>
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<td>Only given after risks to the fetus are considered; animal studies have shown adverse reactions; no human studies available</td>
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<td><strong>C</strong></td>
<td>Definite fetal risks, may be given in spite of risks if needed in life-threatening conditions</td>
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<tr>
<td><strong>D</strong></td>
<td>Absolute fetal abnormalities; not to be used at any time during pregnancy</td>
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*Note: UK = Unknown fetal risk (used in this text but not an official FDA pregnancy category)*
Evolve Resources

YOU’VE JUST PURCHASED
MORE THAN A TEXTBOOK

ACTIVATE THE COMPLETE LEARNING EXPERIENCE
THAT COMES WITH YOUR BOOK BY REGISTERING AT
http://evolve.elsevier.com/
nursingdrugupdates/Skidmore/NDR

- Drug Monographs
  Includes full monographs for drugs new to this edition.

- FDA Alerts
  Provides updates on drug recalls, labeling changes, new interactions, and safety warnings.

- Drug Monographs—Recently Approved
  Offers a table of drugs approved by the FDA after publication of the book, including links to approved product inserts.

- Pill Atlas: Color
  Provides full-color photographs identifying the most commonly prescribed medications and dosages.

- English-to-Spanish—Assessment, Teaching, and Related Terms
  Provides Spanish translations and pronunciations for common drug phrases and terms.

REGISTER TODAY!
**Drug Categories**

α-Adrenergic blockers  
Anesthetics—general/local  
Antacids  
Anti-Alzheimer agents  
Antianginals  
Antianxiety agents  
Antiasthmatics  
Anticholinergics  
Anticoagulants  
Anticonvulsants  
Antidepressants  
Antidiabetics  
Antidiarrheals  
Antidysrhythmics  
Antiemetics  
Antifungals (systemic)  
Antihistamines  
Antihypertensives  
Antiinfectives  
Antilipidemics  
Antineoplastics  
Antiparkinson agents  
Antiplatelets  
Antipsychotics  
Antipyretics  
Antiretrovirals  
Antituberculars  
Antitussives/expectorants  
Antivirals  
β-Adrenergic blockers  
Bone resorption inhibitors  
Calcium channel blockers  
Cardiac glycosides
Cholinergics
Cholinergic blockers
Corticosteroids
Diuretics
Histamine H₂ antagonists
Immunosuppressants
Laxatives
Neuromuscular blocking agents
Nonsteroidal antiinflammatories
Opioid analgesics
Salicylates
Sedatives/hypnotics
Skeletal muscle relaxants
Thrombolytics
Thyroid hormones
Vasodilators
Vitamins
## All Drug Monographs Groupings

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All Drug Monographs Groupings

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