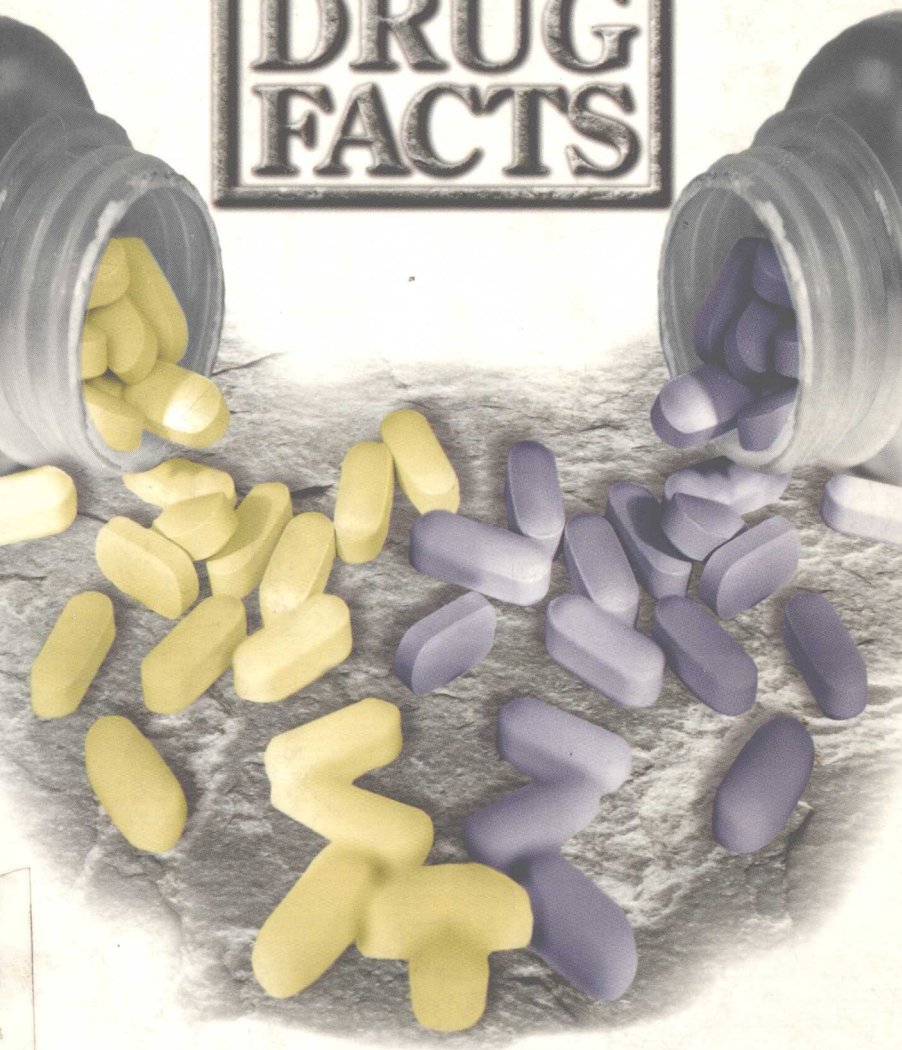
A to Z DRUG FACTS



FACTS AND COMPARISONS®
the primary source for drug information

A to Z DRUG FACTS

FACTS AND COMPARISONS®

the primary source for drug information

A-Z Drug Facts™

ISBN 1-57439-062-7

Printed in the United States of America

The information contained in this publication is intended to supplement the knowledge of health care professionals regarding drug information. This information is advisory only and is not intended to replace sound clinical judgment or individualized patient care in the delivery of health care services. Facts and Comparisons disclaims all warranties, whether express or implied, including any warranty as to the quality, accuracy or suitability of this information for any particular purpose.

Published by
Facts and Comparisons
111 West Port Plaza, Suite 300
St. Louis, Missouri 63146-3098
314/216-2100
Toll free customer service 800/223-0554

Editor

David S. Tatro, PharmD
Drug Information Consultant
San Francisco, CA

Assistant Editors

Larry R. Borgsdorf, PharmD
Pharmacist Specialist
Ambulatory Care
Kaiser Permanente
Bakersfield, CA

Joseph T. Catalano, RN, CCRN, PhD
Professor of Nursing
East Central University
Ada, OK

Jennifer C. Lahl, RN, BSN
Drug Information
Nursing Administration
Chicago, IL

Julio R. Lopez, PharmD
Director of Drug Information
VA Medical Center
Martinez, CA

Kristina Frederick, RN, BSN, BA, MS, PA
Drug Information Consultant
Encino, CA

Stephanie G. Metzger, MS, RNC, CPNP
Clinical Nurse Specialist
Nursing-Rehabilitation Coordinator
Children's Hospital
Richmond, VA

Marilyn Nelsen Pase, RN, MSN
Department of Nursing
New Mexico State University
Las Cruces, NM

Contributors

Jill E. Allen, PharmD, BCPS, Drug Information Consultant, Pin Oak Associates (UT)
Gloria Arthur, RN, MSN, Nursing Administration, Decatur General Hospital (AL)
Paul Badore, RPh, Drug Information Consultant (CT)
Sandra L. Beaird, PharmD, Drug Information Specialist, St. Louis College of Pharmacy (MO)
Renee Bellanger, PharmD, Department of Pharmacy, Methodist Women's and Children's Hospital (TX)
Juanita Bowsher, RNC, CS, PhD, Nursing Consultant (GA)
Lita A. Burns, RN, MSN, Allied Health, Central Wyoming College
Barbara Walsh Clark RN, MSN, BSN Completion Program, Midway College (KY)
Rebecca M. Coley, MS, PharmD, Assistant Director, National Center for Computer Education and Research in Healthcare, St. Louis College of Pharmacy (MO)
Joan W. Conklin, RNC, EdD, Presbyterian Division of Nursing, Bloomfield College (NJ)
Deborah Crawford, RN, BSN, CCRN, Nursing Resources, Hillcrest Center (OK)
Jolene M. Culbertson, MN, ARNP, CS, Nursing Instructor, Pacific Lutheran University (WA)
JoAnn Dever, RN, MSNEd, Health and Human Services (Chair), Indiana Vocational Technical College
Janet Duffy Dionne, RN, MS, Associate Professor, Nursing-Health and Human Services, Community College of Denver (CO)
Michael N. Dipirro, PharmD, Office of Mental Health, Western New York Regional Office
Carol Flom, BSN, MEd, MS, Mental Health Staff Nurse, Abbott Northwestern Hospital
Carolyn A. Gatschet, RN, MN, MS, Associate Professor of Nursing, Fort Hays State University (KS)
Diana Girdley, RN, MSN, School of Nursing, University of Wisconsin-Madison
John D. Grabenstein, BS, MS, EdM, FASHP, Major, Medical Service Corps, US Army (NC)
Sheila C. Grossman, RN, PhD, School of Nursing, Fairfield University (CT)
John W. Grunden, PharmD, Department of Pharmacy Services, University of Utah Hospital
Geneal E. Hall, RN, PhD, Department of Nursing, Jamestown College (ND)
Rebecca A. Hampton-Abelita, RN, MSN, Instructor, Miles Community College (MT)
Holly K. Hill, RN, Office of Managed Care, University of Utah Health Sciences Center
Mivic Hirose, RN, MS, Department of Nursing, San Francisco General Hospital Medical Center (CA)
Naomi B. Ingrim, PharmD, Specialist, Central Texas Poison Center
Tracy Kelly, RN, MSN, CPNP, Department of Pediatric Hematology-Oncology, Yale New Haven Hospital (CT)
Deborah L. Kern, RN, MSN, CCRN, Adjunct Assistant Professor, Montana State University

Jennifer Menchini Kirby, RN, MSN, Vice President of Nursing, Southern Maryland Hospital Center

Joan Klemballa, RN, PhD, School of Nursing & Health Sciences, The College of West Virginia

Barbara Konopka, RN, MSN, DNSc (CAND), CCRN, CEN, School of Nursing, Pennsylvania State University

Patricia Little, RN, MSN, Assistant Professor, University of Nevada

Jon E. Maesner, PharmD, Assistant Vice President, Clinical Pharmacy, Managed Pharmacy Division, CIGNA Healthcare (CT)

Jacqueline Mangnall, RN, MS, Nursing Department, Jamestown College (ND)

Grace Matthews, RN, BSN, Nurse Manager, University of Iowa Hospitals and Clinics

Kathleen S. Nance, PharmD, Consultant Pharmacist (LA)

Cindy Newman, RN, Medical-Surgical Department, University of Utah

Richard Oksas, PharmD, MPh, Medication Information Service (CA)

Cynthia A. Padula, PhD, RN, CS, College of Nursing, University of Rhode Island

Mary B. Pava, MSN, RN, Department of Nursing, Lincoln Memorial University (TN)

Pamela Pranke, RNC, MSN, Department of Nursing, Jamestown College (ND)

Jean Quiggle, RPh, BS Pharm, Compu-Dose Pharmacies (VA)

Teresa L. Rittenbach, RN, MS, CGNP, Assistant Professor of Nursing, Jamestown College (ND)

Maureen G. Roussel, RN, MSN, CCRN, CS, Cardiothoracic Clinical Nurse Specialist, Yale New Haven Hospital (CT)

Nichola Fay Rowden, MSN, RN, Department of Nursing, East Arkansas Community College

Alice F. Running, PhD, RN, MSN, CS, ANP, School of Nursing, University of Nevada - Reno

Victoria A. Sand, BSN, RN, Department of Nursing, Jamestown College (ND)

Alice Serey, RN, MSN, Associate Degree Nursing-Chair, Indian River Community College (FL)

Carol Shaw, RN, BSN, Instructor, Southeastern Community College (IA)

Donald S. Swanson, BA, BSN, RN, Psychiatric Nursing, University of Iowa Hospitals and Clinics

Burgunda V. Sweet, PharmD, Department of Pharmacy Services, University of Michigan Hospitals

Lisa Walworth, RPh, BS Pharm, Pharmacist II, Buffalo Psychiatric Center (NY)

Mary P. Watkins, PhD, RN, Department of Nursing, Delaware State University

Cora D. H. West, MSN, RN, Home Healthcare Consultant (IN)

Rosemarie C. Westberg, RN, MSN, CPN, Professor of Nursing, Northern Virginia Community College

Kaye M. Wothe, RN, BSN, CRNI, Staff Nurse, Coram Home Infusion (OR)

Rita M. Yeager, RN, MA, MSN, Professor, Chair Health Science, West Virginia Northern Community College

Doris I. Young, RN, MSN, MCCS, CPN, CSN, EdD, School of Nursing, Widener University (PA)

Reviewers

Special acknowledgement for additional efforts

Holly DelGiudice, RN, GYN Oncology, Yale New Haven Hospital (CT)

Deborah Eischens, RN, Department of Nursing, University of Iowa Hospital and Clinics

Mary K. McDonald, RN, BS, CCRN, Nurse Manager, Staff Development, Clinton Hospital (MA)

Donna Miller, RN, MA, CNRN, Assistant Director of Nursing, Mediplex Rehabilitation Hospital - Marlton (NJ)

Nancy O'Donnell, RN, BSN, MS, Department of Pediatrics, Medical College of Virginia

Lisa Shaver, RN, MS, Assistant Professor/Staff Nurse, Pediatrics, Medical College of Virginia Hospitals

LaDonna Weiler, RN, BSN, Nursing Consultant (PA)

General Reviewers

Gloria Arthur, RN, MSN, Nursing Administration, Decatur General Hospital (AL)

Danial Baker, PharmD, FASHP, FACP, Professor of Pharmacy Practice, Director Drug Information Center, Washington State University College of Pharmacy

Daniel Brown, PharmD, Director of Pharmacy Services, Merced Community Medical Center (CA)

Kelly Burch, PharmD, Consultant Pharmacist, The Manuscript Prescription (MO)

John M. Burke, PharmD, BCPS, Associate Professor of Pharmacy, St. Louis College of Pharmacy (MO)

Marianne Benoit, RN, Medical Nursing, Massachusetts General Hospital

Karen Borden, RN, BSN, GYN-Surgical-Oncology Department, Massachusetts General Hospital

Gina Briscoe, RN, Nursing Education, Decatur General Hospital (AL)

Carol Burns, MSN, CCRN, Pain Management Coordinator, Medical Center at Princeton (NJ)

Karen Sue Cassidy, RN, MSN, CCRN, CNS, Special Care Education Coordinator, Decatur General Hospital (AL)

Patricia Christensen, RN, MSN, Executive Director, The Nursing Spectrum (VA)

Sharon S. Cohen, RN, MSN, CEN, Trauma/Emergency Clinical Nurse Specialist, Broward General Medical Center (FL)

Shelby Sue Conner, RN, Staff Nurse, Surgery/Clinical Cancer Center, University of Iowa Hospital and Clinics

Susan Czarnecki, RN, MSN, Nursing Care Coordinator, Intermediate Surgical ICU, Thomas Jefferson University Hospital (PA)

Carlene Daley, RN, BSN, Nurse Clinician, Department of Nursing, University of Iowa Hospital and Clinics

Andrea DiNardo, RN, CCRN, Surgical Intensive Care Unit/Telemetry Unit, Cardiac Surgical Float Team, Massachusetts General Hospital

Nancy C. Edger, RN, BSN, MBA, Supervisor, Blood Bank, Thomas Jefferson University Hospital (PA)

Brian M. French, RN, MS, Staff Specialist, Quality, Research and Development, Massachusetts General Hospital

Diane French, MS, MBA, RN, CS, CDE, Medical Surgical Clinical Nurse Specialist, Robert Wood Johnson University Hospital (NJ)

Kathleen Gallo, RN, PhD, Administrative Director, Department of Emergency Medicine, North Shore University Hospital, (NY)

Joyce Generali, RPh, MS, Drug Information Service, University of Kansas Medical Center

Patricia C. Green, ADN, RN, Staff Nurse, University of Iowa Hospital and Clinics

Ann Smith Gregoire, RN, MSN, CRNP, CCRN, Tertiary Care Nurse Practitioner, The Mitton S. Hershey Medical Center (PA)

Ellen Hamburg, PharmD, BCPS, Associated Professor of Clinical Pharmacy, Arnold and Marie Schwartz College of Pharmacy and Health Sciences of Long Island University, and State University of New York Health Sciences Center at Brooklyn

Holly K. Hill, RN, Office of Managed Care, University of Utah Health Sciences Center

Mivic Hirose, RN, MS, Department of Nursing, San Francisco General Hospital (CA)

Gary Holt, PhD, School of Pharmacy, Northeast Louisianna University

Daniel A. Hussar, PhD, Philadelphia College of Pharmacy and Science (PA)

Janet Jaramilla, PharmD, BCPS, Louis A. Weiss Memorial Hospital, The University of Chicago Hospitals (IL)

Therese Johnson, RN, Staff Nurse, Department of Nursing, Multi-Speciality Services, University of Iowa Hospital and Clinics

Judy Karlsen, RN, Trauma Surgical Floor, San Francisco General Hospital (CA)

Tracy Kelly, RN, MSN, Department of Pediatric Hematology-Oncology, Yale New Haven Hospital (CT)

Diane M. Landers, RN, Infant Child Nurse Manager, Decatur General Hospital (AL)

Grace Matthews, RN, BSN, Nurse Manager, University of Iowa Hospital and Clinics

Renee C. Meade, RN, BSN, Staff Nurse, Surgical ICU, Critical Care Nursing SICU, University of Iowa Hospital and Clinics

Connie W. Menlove, RN, BSN, MSN, ONC, Nurse Manager, Orthopaedics, General Surgery and Gynecology, University of Utah

Lisa Mercugliano, RN, Staff Nurse, Clinical Research Specialist, Preferred Health Plans (CT)

Teri Jo Miller, BSN, RN, CEN, Staff Nurse, Emergency Department, Shawnee Mission Medical Center (KS)

JoAnne Morris, RN, BSN, CPAN, Staff Nurse, Post Anesthesia Care Unit, University of Utah Medical Center

Joan M. O'Brien, RN, MSN, ANP, Nurse Practitioner, Kentfield – Pacific Pain Treatment Center, Kentfield Rehabilitation Hospital (CA)

Julie C. Oki, PharmD, Assistant Professor of Medicine, University of Missouri – Kansas City

Carla Pies, RN, BSN, Staff Nurse II, University of Iowa Hospital and Clinics

Michael T. Reed, PharmD, Associate Professor of Clinical Pharmacy, Arnold and Marie Schwartz College of Pharmacy and Health Sciences of Long Island University, and The Mount Sinai Medical Center (NY)

Timothy Reilly, RN, Clinician, Acute Medicine, University Hospital At Stony Brook (NY)

Maureen G. Roussel, RN, MSN, CCRN, CS, Cardiothoracic Clinical Nurse Specialist, Yale New Haven Hospital (CT)

Maureen E. Savitsky, PharmD, Coordinator, Clinical and Drug Information Services, Geisinger Medical Center (PA)

Kevin Schnupp, PharmD, MBA, Vice President, Professional Services, Liberty Health Systems (MD)

Joan Stachnik, PharmD, BCPS, Drug Information Specialist, University of Illinois at Chicago

Carrie A. Sullivan, BSN, BS, Staff Nurse, University of Utah Health Sciences Center

Donald S. Swanson, BA, BSN, RN, Psychiatric Nursing, University of Iowa Hospital and Clinics

Carlos W. Tam, PharmD, Coordinator, Pharmacy Service, Department of Veterans Affairs Medical Center

Laurel R. Tenney, RN, Staff Nurse Leader, Medical Nursing, Massachusetts General Hospital

Nancy J. Usher, RN, MA, Geriatric/Medical Clinical Nurse Specialist, St. Anthony Hospital Central, Centura (CO)

Nancy Lawless White, RN, BSN, MSM, Admission Liaison, Shaughnessy-Kaplan Rehabilitation Hospital (MA)

Linda Young, RN, CCRN, Coronary Care Unit, Yale New Haven Hospital (CT)

Facts and Comparisons Staff

President	Michael R. Riley
Director, Editorial/Production	Steven K. Hebel, RPh
Director, Drug Information	Bernie R. Olin, PharmD
Assistant Director, Drug Development	Reneé Rivard, PharmD
Managing Editor	Cathy H. Reilly
Assistant Editors	Linda M. Jones Jennifer Allen Orlando Thomas
Composition Specialist	Beverly Donnell
Director, Sales and Marketing	Robert E. Brown
Manager, Pharmacy, Nursing and Allied Health	Heidi L. Meredith

Introduction

A-Z Drug Facts was developed with the health care provider in mind. The book is designed to provide vital drug information in a format that is both easy to understand and readily accessible. *A-Z Drug Facts* contains more than 600 full drug monographs, plus abbreviated monographs for combination drugs, orphan drugs, and AIDS drugs in development. Each monograph covers pharmacology considerations and patient care considerations.

Monographs are organized alphabetically by generic drug name. Consistent sections and unique icons are used to create a visual roadmap to help navigate the information. The standard format used throughout the book makes the information clear and easy to find. The following outlines what you'll find in each category.

Monograph Organization

Pharmacology considerations: The top half of each monograph contains detailed drug information. The following sections are included:

Drug Name: Generic drug name and common synonyms are listed in each monograph header. A slash between drug names indicates a combination product.

Class: Facts and Comparisons' drug classification is used. A semicolon separates two equal therapeutic classes (eg, Cardiovascular; Antineoplastic) when a drug is indicated for very different uses (eg, corticosteroids for cancer or for poison ivy). A slash is used to separate a class and a subclass (eg, Antibiotic/Cephalosporin).

Phonetic Pronunciation: A guide is provided for generic drug names. Pronunciations for commonly used terms, such as acid, have not been given. The pronunciations are based on the USAN Council officially designated pronunciations. The syllable in capital letters receives the emphasis.

Trade Name: U.S. trade names are listed for each drug in italics. If none are available the statement "available as generic only" appears. Common Canadian trade names are provided whenever possible following the list of U.S. names. A maple leaf appears at the beginning of the Canadian list. If a trade name is available both in the U.S. and Canada it appears under the U.S. list only.

Action: A brief, simple description of the drug's action is provided.

Indications: All approved indications are included. For some antibiotics a general statement regarding susceptible microorganisms is listed instead of listing the entire microbial spectrum, which could be quite lengthy. Common unlabeled uses and orphan drug uses are included when appropriate.

Contraindications: All known contraindications are included. Hypersensitivity to a given drug is always a contraindication and, therefore, this fact is assumed and has not been repeated for every monograph. "Standard Considerations" appears when there are no specific contraindications other than hypersensitivity.

Route/Dosage: Route of administration and the pertinent dosages are provided. Standard abbreviations are used when possible (see Standard Abbreviations, page xv). Route and dosage are organized by age group, route and specific condition when appropriate.

Interactions: Potential drug interactions are listed alphabetically followed by any incompatibilities. "None well documented" appears when there is no specific information.

Lab Test Interferences: Potential lab test interferences are listed alphabetically. "None well documented" appears when there is no specific information.

Adverse Reactions: Common (1% or greater incidence) or life-threatening reactions are included. Adverse reactions are classified according to abbreviated body system (see Standard Abbreviations, page xv).

Precautions: Information regarding pregnancy (including FDA category), lactation, children, elderly, and special risk patients is included. For pregnancy Category X drugs, any applicable information regarding birth control use is also included.

Patient Care Considerations: The bottom half of each monograph contains information specific to nursing care. The following sections are included:

Administration/Storage: Information includes timing of administration, methods of administration, whether or not to crush, chew or swallow certain dose forms, reconstitution/dilution specifics, general storage guidelines, safe handling and disposal. Storage temperature ranges are given and generally are as follows:

Controlled Room Temperature	=	20° to 25°C (68° to 77°F)
Refrigeration	=	2° to 8°C (36° to 46°F)
Freezing	=	–20° to –10°C (–4° to 14°F)

Assessment/Interventions: Information includes actions to take before/during/after drug administration, assessing for allergy, history, preconditions, dietary and social habits.

Overdosage: Information not available for all drugs. Specific signs and symptoms that might signal an overdose are included when appropriate.

Patient/Family Education: Information to share with patient and/or family is listed, including how/when to take medication, side effects to watch for, actions to take to counteract/minimize side effects, cautions on hazardous activities, and general safety precautions.

The following information is not stated because it is assumed that, for every drug, the health care provider will take these patient education actions:

1. Discuss name, action, and side effects of drug.
2. Instruct patient to take medication exactly as prescribed. Tell patient not to adjust dosage, skip dose, or discontinue medication without notifying the prescriber.
3. Advise patient that if a dose is missed, contact prescriber.
4. Instruct patient to complete full course of medication as prescribed unless otherwise directed by prescriber.
5. Instruct patient to keep medication out of reach of children.
6. Give patient written information if appropriate.

Combination Drugs

Combination drugs not included in the general monograph section are summarized in table format. Generic name, trade name, strength and average adult dose are listed.

Orphan Drugs

Drug or biological products for the diagnosis, treatment or prevention of rare diseases or conditions. A rare disease is one which affects <200,000 persons in the U.S. or one which affects >200,000 persons but for which there is no reasonable expectation that the cost of developing the drug and making it available will be recovered from sales of that drug in the U.S.

AIDS Drugs in Development

Investigational agents specific to AIDS that are in any phase of clinical trials, usually Phase II or later.

Appendices

The appendices include a variety of reference material designed to offer a quick guide to often needed information. They include the FDA Pregnancy Categories, General Management of Acute Overdosage, Management of Hypersensitivity Reactions, Calculations, International System of Units, and Normal Laboratory Values.

Color Locator

A four-color drug identification guide follows Appendix H. More than 900 prescription drugs are represented. Each photograph includes designated schedule, trade name, strength and identification imprint (if available). The photographs are organized by color and are listed in a separate Color Locator index.

Using the Index

The index includes generic and trade drug names (including Canadian trade names) followed by the number of their monograph page. Trade drug names appear in italics and Canadian trade names are indicated with a [C].

Standard Abbreviations

ABGs	arterial blood gases
AIDS	acquired immunodeficiency syndrome
ALT	alanine aminotransferase (previously SGPT)
APTT	activated partial thromboplastin time
ARDS	adult respiratory distress syndrome
AST	aspartate aminotransferase (previously SGOT)
AV	atrioventricular
bid	twice daily
bpm	beats per minute
BP	blood pressure
BSA	body surface area
BUN	blood urea nitrogen
°C	degrees Celsius
Cal	Calorie (kilocalorie)
CBC	complete blood count
cc	cubic centimeter
CDC	Centers for DiseaseControl and Prevention
CHF	congestive heart failure
CN	cranial nerve
CNS	central nervous system
COPD	chronic obstructive pulmonary disease
CPK	creatine phosphokinase
CSF	cerebrospinal fluid
CT	computed tomography
cu	cubic
Cu	copper
CV	cardiovascular
CVP	central venous pressure
D5W	5% Dextrose in Water
D10W	10% Dextrose in Water
DERM	dermatologic
DIC	disseminated intravascular coagulation
dl	deciliter (100 ml)
DNA	deoxyribonucleic acid
ECG	electrocardiogram
EDTA	ethylenediamine tetraacetic acid
EEG	electroencephalogram
EENT	eye, ear, nose, throat
ELISA	enzyme-linked immunosorbent assay
EMIT	enzyme-multiplied immunoassay test
°F	degrees Fahrenheit
FDA	Food and DrugAdministration
G-6-PD	glucose-6-phosphate dehydrogenase
GABA	gamma-aminobutyric acid
GI	gastrointestinal
gtt	drops
GU	genitourinary
Hct	hematocrit
HDL	high-density lipoprotein
HEMA	hematologic
HEPA	hepatic
Hgb	hemoglobin
HIV	human immunodeficiency virus
hr	hour
I&O	intake and output
IM	intramuscular
IND	investigational new drug
IOP	intraocular pressure
IU	international units
IV	intravenous
kg	kilogram
L	liter
LDH	lactate dehydrogenase
LDL	low-density lipoprotein
LOC	level of consciousness
m	meter
m^2	square meter
MAO	monoamine oxidase
mcg	microgram
mEq	milliequivalent
META	metabolic
mg	milligram
MI	myocardial infarction
min	minute
ml	milliliter
mm	millimeter
mm^3	cubic millimeter
mm Hg	millimeters of mercury
mo	month
mOsm	milliosmole
MRI	magnetic resonance imaging
npo	nothing by mouth
NSAID	nonsteroidal anti-inflammatory drug
ng	nanogram
NK	natural killer (cells)
otc	over-the-counter (nonprescription)
oz	ounce
PABA	para-aminobenzoic acid
PAC	premature atrial contraction
pH	negative log of hydrogen ion concentration
PMS	premenstrual syndrome
pCO_2	carbon dioxide pressure (tension)
pO_2	oxygen pressure (tension)
PO	by mouth
ppm	parts per million
prn	as needed
PR	per rectum
pt	pint
PT	prothrombin time
PTT	partial thromboplastin time
PVC	premature ventricular contraction
q	every
qd	every day
q hr	every hour
qid	four times daily

qod	every other day
q 2 hr	every 2 hours
qt	quart
RBC	red blood cell count
RDA	Recommended Dietary Allowance
RDS	respiratory distress syndrome
RNA	ribonucleic acid
SC	subcutaneous
sec	second
SIADH	syndrome of inappropriate secretion of antidiuretic hormone
SL	sublingual
SLE	systemic lupus erythematosus
SPF	sun protection factor
STD	sexually transmitted disease
tid	three times daily
Tbsp	tablespoon
TPN	total parenteral nutrition
TSH	thyroid-stimulating hormone
tsp	teaspoon
U	unit
UTI	urinary tract infection
VHDL	very high density lipoprotein
VLDL	very low density lipoprotein
WBC	white blood cell count
WHO	World Health Organization
wk	week
yr	year

Table of Contents

Abciximab

(ab-SICK-sih-mab)

ReoPro

Class: Antiplatelet

Action Binds to glycoprotein IIb/IIIa receptors on surface of platelets thereby preventing platelet aggregation.

Indications Adjunct to percutaneous transluminal coronary angioplasty (PTCA) to prevent ischemic complications in patients at high risk of abrupt closure of the treated vessel. Intended for use with aspirin and heparin.

Contraindications Active internal bleeding; recent (6 weeks) GI/GU bleeding, major surgery or trauma; history of CVA in the past 2 years of CVA with significant residual neurological deficit; use of oral anticoagulants within 7 days unless prothrombin time < 1.2 times control; thrombocytopenia; severe uncontrolled hypertension; vasculitis; intracranial neoplasm, aneurysm or arteriovenous malformation; or the recent or current use of IV dextran.

Route/Dosage

ADULTS: IV 0.25 mg/kg bolus 10-60 minutes before PTCA followed by continuous infusion at 10 g/min for 12 hours.

Interactions None well documented.

Lab Test Interferences None well documented.

Adverse Reactions

HEMA: Bleeding; thrombocytopenia; anemia; leukocytosis. *CV:* Hypotension; bradycardia; atrial fibrillation; pulmonary edema; AV block; supraventricular tachycardia. *GI:* Nausea, vomiting. *CNS:* Hypesthesia; confusion; dizziness. *EENT:* Abnormal vision. *RESP:* Pleural effusion; pneumonia. *OTHER:* Pain; peripheral edema.

Precautions

Pregnancy: Category C. *Lactation:* Undetermined. *Children:* Safety and efficacy not established. *Readministration:* Abciximab may cause antibody development. Readministration may be associated with allergic reactions. *Bleeding:* Since risk of bleeding is increased, use cautiously, if at all, with thrombolytics, oral anticoagulants, non-steroidal anti-inflammatory drugs (NSAIDs), dipyridamole and ticlopidine. Institute bleeding precautions. *Thrombocytopenia:* Monitor platelet counts.

PATIENT CARE CONSIDERATIONS

Administration/Storage

- Use only NS or D_5W for IV infusion. Add no other medication for the infusion.
- Do not use drug if vial contains visibly opaque particles.
- Withdraw medication through a 0.2 or 2.2 micron filter.
- Administer drug through a separate IV line with filter.
- Store vials at 2°–8°C (36°–46°F). Do not freeze. Do not shake. Discard any unused portion.

Assessment/Interventions

- Obtain patient history.
- If symptoms of sensitivity occur any time during therapy, discontinue drug and initiate symptomatic and supportive therapy. Have epinephrine, dopamine, theophylline, antihistamines and corticosteroids available.
- If serious bleeding occurs that is not controlled with pressure, stop infusion of abciximab and heparin.
- Avoid non-compressible sites when