# **Cardiology Critical Care III Panel**

#### Series Editors:

#### Bradley A. Boucher, Pharm.D., FCCP, FNAP, MCCM, BCPS

Professor of Clinical Pharmacy
Associate Dean for Strategic Initiatives and Operations
College of Pharmacy
University of Tennessee Health Science Center
Memphis, Tennessee

#### Curtis E. Haas, Pharm.D., FCCP

Director of Pharmacy
University of Rochester Medical Center
Rochester, New York

## Faculty Panel Chair: Jo Ellen Rodgers, Pharm.D., FCCP, FHFSA, FAHA, BCPS-AQ Cardiology

Clinical Associate Professor
Division of Pharmacotherapy and
Experimental Therapeutics
UNC Eshelman School of Pharmacy
University of North Carolina
Chapel Hill, North Carolina

# **ACLS and Post-Arrest Management**

#### **Authors**

# Barbara S. Wiggins, Pharm.D., FCCP, FAHA, FNLA, BCCCP, BCPS-AQ Cardiology, CLS, AACC

Pharmacy Clinical Specialist-Cardiology
Pharmacy Department
Medical University of South Carolina
Charleston, South Carolina

#### Cynthia A. Sanoski, Pharm.D., FCCP, BCPS

Chair and Associate Professor
Department of Pharmacy Practice
Jefferson College of Pharmacy
Philadelphia, Pennsylvania

#### Reviewers

## Toby C. Trujillo, Pharm.D., FCCP, FAHA, BCPS-AQ Cardiology

Associate Professor
Department of Clinical Pharmacy
University of Colorado Skaggs School of
Pharmacy and Pharmaceutical Sciences
Aurora, Colorado

#### Antonia Vilella, Pharm.D., BCCCP, BCPS

ER Clinical Pharmacist
Bayfront Health-St. Petersburg
St. Petersburg, Florida

#### Jessica M. Louie, Pharm.D., BCCCP

Assistant Professor of Pharmacy Practice West Coast University, School of Pharmacy Los Angeles, California

# Beyond Randomized Placebo Controlled Trials in Cardiology

#### **Author**

# Cynthia A. Jackevicius, Pharm.D., M.Sc., BCPS-AQ Cardiology, FCCP, FCSHP, FAHA

Professor, Pharmacy Practice
College of Pharmacy, Western
University of Health Sciences
Clinical Pharmacy Specialist, Cardiology
VA Greater Los Angeles Healthcare System
Los Angeles, California
Senior Adjunct Scientist
Institute for Clinical Evaluative Sciences
Toronto, Canada

#### Reviewers

#### Edith A. Nutescu, Pharm.D., M.S., FCCP

Associate Professor
Department of Pharmacy Systems, Outcomes and Policy
Director, Center for Pharmacoepidemiology
and Pharmacoeconomic Research
University of Illinois at Chicago, College of Pharmacy
Chicago, Illinois

#### Nicole E. Cieri, Pharm.D., BCPS

Clinical Assistant Professor
Department of Pharmacy Practice
D'Youville College School of Pharmacy
Buffalo, New York

#### Jonathon Pouliot, Pharm.D., MSCR, BCPS

Assistant Professor of Pharmacy Practice
Department of Pharmacy Practice
Lipscomb University College of
Pharmacy and Health Sciences
Nashville, Tennessee

The American College of Clinical Pharmacy and the authors thank the following individuals for their careful review of the Cardiology Critical Care III chapters:

### Shannon W. Finks, Pharm.D., FCCP, BCPS-AQ Cardiology

Associate Professor
Department of Clinical Pharmacy
University of Tennessee College of Pharmacy
Clinical Pharmacy Specialist, Cardiology
Department of Pharmacy
VA Medical Center
Memphis, Tennessee

## Ralph H. Raasch, Pharm.D., FCCP, BCPS

Associate Professor of Pharmacy (retired)
Division of Practice Advancement and Clinical Education
Eshelman School of Pharmacy
The University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

# **DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST**

**Consultancies:** Paul P. Dobesh (AstraZeneca): Toby C. Trujillo (Boehringer-Ingelheim, Janssen Pharmaceuticals, Pfizer/BMS); Douglas Jennings (Novartis Pharmaceuticals)

Stock Ownership:

**Royalties:** 

Grants: Cynthia A. Jackevicius (CIHR); Sarah Livings (Pfizer); Scott Mueller (CSL Behring); Edith A. Nutescu (NHLBI);

Honoraria: Cynthia A. Jackevicius (American Heart Association);

Other:

Nothing to disclose: Ola Adejuwon; Stephanie Bass; Seth R. Bauer; Jonathan D. Cicci; Nicole E. Cieri; Megan M. Clarke; Abigail M. Cook; Ilya M. Danelich; Steven P. Dunn; Ian B. Hollis; Alexander Kantorovich; Hasan O. Kazmi; Jessica M. Louie; John E. MacKay; Jennifer H. Mai; Michael P. Moranville; Jonathon Pouliot; Cynthia A. Sanoski; Laura A. Siemianowski; Zach R. Smith; Antonia Vilella; Johnathan Voss; Phillip Weeks; Barbara S. Wiggins; Jason L. Williamson

**ROLE OF BPS:** The Board of Pharmacy Specialties (BPS) is an autonomous division of the American Pharmacists Association (APhA). BPS is totally separate and distinct from ACCP. The Board, through its specialty councils, is responsible for specialty examination content, administration, scoring, and all other aspects of its certification programs. CCSAP has been approved by BPS for use in BCCCP recertification. Information about the BPS recertification process is available online.

Other questions regarding recertification should be directed to:

Board of Pharmacy Specialties 2215 Constitution Avenue NW Washington, DC 20037 (202) 429-7591