

# Toxicology and Practice Issues I Panel

---

## Series Editors:

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

*Professor of Clinical Pharmacy and Translational Science  
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:

### **Maria I. Rudis, Pharm.D., DABAT, FCCM**

*Associate Professor of Emergency Medicine  
Associate Professor of Pharmacy  
Mayo Clinic Hospital  
Rochester, Minnesota*

## Acetaminophen and Aspirin

### Authors

#### **Rachel F. Schult, Pharm.D., DABAT**

*Toxicology Clinical Pharmacy Specialist  
Department of Pharmacy  
Assistant Professor  
Department of Emergency Medicine  
University of Rochester Medical Center  
Rochester, New York*

#### **Nicole M. Acquisto, Pharm.D., FCCP, BCCCP**

*Emergency Medicine Clinical Pharmacy Specialist  
Department of Pharmacy  
Associate Professor  
Department of Emergency Medicine  
University of Rochester Medical Center  
Rochester, New York*

### Reviewers

#### **Kevin O. Rynn, Pharm.D., FCCP, DABAT**

*Vice Dean  
Clinical Professor  
Department of Pharmacy Practice  
University of Illinois at Chicago  
Rockford, Illinois*

#### **Nancy Balch, Pharm.D., BCCCP**

*Emergency Medicine Pharmacist  
Department of In-Patient Pharmacy  
Massachusetts General Hospital  
Boston, Massachusetts*

#### **Deanna Boone, Pharm.D., BCPS, BCCCP**

*Clinical Pharmacist  
Department of Critical Care  
Mount Sinai Medical Center  
Miami Beach, Florida  
Pharmacist  
Broward Health North  
Pompano Beach, Florida*

## Toxic Alcohols

### Author

#### **Alicia E. Mattson, Pharm.D., BCPS, BCCCP**

*Emergency Medicine Clinical Pharmacist  
Department of Pharmacy  
Mayo Clinic Hospital-Rochester  
Rochester, Minnesota*

### Reviewers

#### **William Eggleston, Pharm.D., DABAT**

*Clinical Assistant Professor  
Binghamton University School of Pharmacy  
& Pharmaceutical Sciences  
Binghamton, New York  
Clinical Toxicologist  
Department of Emergency Medicine  
SUNY Upstate Medical University  
Syracuse, New York*

#### **Brandi L. Strauser, Pharm.D., BCPS, BCCCP**

*Clinical Pharmacist  
Department of Pharmacy  
University of Colorado Health-North,  
Poudre Valley Hospital  
Fort Collins, Colorado*

#### **Sarah Livings, Pharm.D., BCPS, BCCCP**

*Clinical Pharmacy Coordinator-Emergency Medicine  
Department of Pharmacy  
Hershey Medical Center  
Hershey, Pennsylvania*

The American College of Clinical Pharmacy and the authors thank the following individuals for their careful review of the Toxicology and Practice Issues I chapters:

**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

**Jeffrey T. Sherer, Pharm.D., MPH, BCPS**

*Clinical Associate Professor*  
Department of Clinical Sciences and Administration  
University of Houston College of Pharmacy  
Houston, Texas

## DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

**Consultancies:** Reem A. Bahmaid (ACCP, ACC); Stacey Bangh (American Association of Poison Control Centers Accreditation Committee, Arbor Pharmaceuticals)

**Stock Ownership:** Nancy Balch (Johnson & Johnson, Nanoviricides); Deanna Boone (Amphastar Pharmaceuticals, Endo International, Portola Pharmaceutical, GW Pharmaceutical, Medicines Company, Mannkind Corporation)

**Royalties:**

**Grants:** William Eggleston (New York State ACCP); A. Kendall Gross (Gordon and Betty Moore Foundation); Bradley J. Peters (Mayo Clinic Rochester [two grants]); Dawn R. Sollee (Rocky Mountain Poison Center)

**Honoraria:** William Eggleston (Pharmacists Society of the State of New York)

**Other:**

**Nothing to disclose:** Nicole M. Acquisto; Laura M. Blackburn; Hanh-Nhi Q. Duong; Ola Elnadoury; Daniel P Hays; Lisa M. Inabinet; Jami N. Johnson; Rebecca L. Lange; Samantha C. Lee; Sarah Livings; Alicia E. Mattson; Melanie McGuire; Hsiao-Ting Regelman; Kevin O. Rynn; Rachel F. Schult; Brandi L. Strauser

**ROLE OF BPS:** The Board of Pharmacy Specialties (BPS) is an autonomous division of the American Pharmacists Association (APhA). To maintain its strict, independent standards for certification, BPS does NOT endorse or provide review information, preparatory courses, or study guides for Board Certification Examinations. The Board, through its specialty councils, is responsible for specialty examination content, administration, scoring, and all other aspects of its certification programs. BPS is totally separate and distinct from ACCP. CCSAP has been approved by BPS for use in BCCCP recertification. Information about the BPS recertification process is available [online](#).

Questions regarding BCCCP recertification should be directed to:

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