

# Clinical and Practice Updates Panel

---

## Series Editors:

### **Marcia L. Buck, Pharm.D., BCPPS, FCCP, FPPAG**

*Clinical Coordinator*  
University of Virginia Children's Hospital  
*Professor*  
Department of Pediatrics  
University of Virginia School of Medicine  
*Clinical Professor*  
Virginia Commonwealth University School of Pharmacy  
Department of Pharmacy Services  
University of Virginia Health System  
Charlottesville, Virginia

### **Kalen B. Manasco, Pharm.D., FCCP, BCPS**

*Clinical Professor*  
University of Florida College of Pharmacy  
Gainesville, Florida

## Faculty Panel Chair:

### **Betsy M. Bickert Poon, Pharm.D., FCCP**

*Assistant Director of Pharmacy*  
Disney Pavilion at Florida Hospital for Children  
Brandon, Florida

## RECORDED WEBCAST: HANDLING AND PREPARATION OF CHEMOTHERAPY

### Authors

#### **Devona Williams, Pharm.D., BCOP**

*Clinical Pharmacist*  
Children's National Medical Center  
Washington, D.C.

#### **Rebecca Deoras, Pharm.D., BCPPS**

*Pediatric Hematology/Oncology/BMT Clinical Pharmacist*  
Pharmacy Department  
University of California San Francisco Benioff Children's Hospital  
San Francisco, California

### Reviewers

#### **Andrew Ostrenga, Pharm.D.**

*Assistant Director of Pharmacy-Pediatrics*  
Pharmacy Department  
University of Mississippi Medical Center  
Jackson, Mississippi

#### **Caroline M. Sierra, Pharm.D., BCPPS**

*Assistant Professor*  
Department of Pharmacy Practice  
Loma Linda University School of Pharmacy  
Loma Linda, California

### **Yee Chang Soh, MClInPharm, BPharm, RPh, BCPS**

*Assistant Professor*  
Department of Clinical Pharmacy  
Faculty of Pharmaceutical Sciences  
UCSI University Kuala Lumpur  
Malaysia

## RECORDED WEBCAST: PATIENT/CAREGIVER EDUCATION ON HANDLING OF HAZARDOUS DRUGS

### Author

#### **Nicole Arwood, Pharm.D., BCPPS**

*Clinical Pharmacy Specialist-Pediatric Oncology*  
Department of Pharmacy  
Johns Hopkins Hospital  
Baltimore, Maryland

### Reviewers

#### **Jeanne M. Brady, Pharm.D.**

*Clinical Pharmacist*  
Natividad Medical Center  
Salinas, California

#### **Brenda Winger, Pharm.D., BCPS, BCOP**

*Informatics Pharmacist*  
Department of Medical Informatics  
Intermountain Healthcare  
Salt Lake City, Utah

#### **Elizabeth A. Boucher, Pharm.D., BCPS, BCPPS**

*Clinical Pharmacist*  
*Pediatrics/Maternity Specialist*  
Concord Hospital  
Concord, New Hampshire

## FEATURE: ANTIMICROBIAL PROPHYLAXIS IN THE PATIENT RECEIVING CHEMOTHERAPY

### Authors

#### **Jennifer L. Pauley, Pharm.D., BCPS, BCOP**

*Clinical Coordinator*  
Pharmaceutical Department  
St. Jude's Children's Research Hospital  
Memphis, Tennessee  
*Assistant Professor*  
Department of Clinical Pharmacy  
The University of Tennessee Health Sciences Center  
Memphis, Tennessee

**Shane J. Cross, Pharm.D., BCPS**

*Clinical Pharmacy Specialist – Antimicrobial Stewardship*  
Pharmaceutical Department  
St. Jude Children’s Research Hospital  
*Assistant Professor*  
Department of Clinical Pharmacy  
The University of Tennessee Health Sciences Center  
Memphis, Tennessee

**Reviewers**

**Amy Helvie, Pharm.D.**

*Clinical Pharmacist*  
Riley Hospital for Children at Indiana University  
Indianapolis, Indiana

**Margaret Oates Poisson, Pharm.D., BCPPS**

*Pediatric Clinical Pharmacy Specialist*  
Pharmacy Department  
Children’s Hospital of Georgia  
Augusta, Georgia

**Karen Gradischer, Pharm.D., BCPPS**

*Pediatric Clinical Pharmacist*  
Pharmacy Department  
Connecticut Children’s Medical Center  
Hartford, Connecticut

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

**Nicola G. Dahl, Pharm.D.**

*Medical Writer*  
Kanab, Utah

**Marisel Segarra-Newnham, Pharm.D., MPH, FCCP, BCPS**

*Clinical Pharmacy Specialist, Infectious Diseases/HIV  
Antimicrobial Stewardship Program Pharmacy Director*  
Veterans Affairs Medical Center  
West Palm Beach, Florida  
*Clinical Assistant Professor of Pharmacy Practice*  
University of Florida College of Pharmacy  
Gainesville, Florida

## DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

**Consultancies:** Nicole Arwood (Navigant Consulting, Inc.); Rachel Langley (Syntaxx Communications); Melissa Ray (Therapeutics Research Center);

**Stock Ownership:** Jeanne M. Brady (Charles Schwab)

**Royalties:**

**Grants:** Tamara MacDonald (Jazz Pharmaceuticals); Yee Chang Soh (Ministry of Education, Malaysia, Universiti Teknologi); Devona Williams (Jazz Pharmaceuticals)

**Honoraria:** Tamara MacDonald (Syntaxx Communications); Yee Chang Soh (UCSI University Kuala Lumpur, Malaysia); Devona Williams (Jazz Pharmaceuticals)

**Other:** Kerry Parsons (employed by AstraZeneca Pharmaceuticals)

**Nothing to disclose:** M. Brooke Bernhardt; Elizabeth A. Boucher; Shane Cross; Rebecca Deoras; Manal M. Abou Elkheir; Karen Gradischer; Amy Helvie; Cynthia Jiles; Salem Kamalay; Olga Militano; Margaret Oates Poisson; Andrew Ostrenga; Jennifer L. Pauley; Allison L. Salinas; Caroline M. Sierra; Tara Leigh Smith; Brenda Winger; Eileen Wu

**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. PedSAP has been approved by BPS for use in BCPPS recertification. Information about the BPS recertification process is available [online](#).

Questions regarding BCPPS recertification should be directed to:

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