

DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

Consultancies: Caryn D. Belisle (Massachusetts Board of Pharmacy); Mary M. Bridgeman (New Jersey Department of Health); Brandon Dionne (Roche Diagnostics, Melinta Therapeutics); Christina Doligalski (Affinergy, LLC); Curtis E. Haas (Vizient, KJT Consulting, Pharmacy Times); Edward P. Krenzelok (Lexi Tox); Lisa Potter (American Society of Transplantation, Sanofi Aventis)

Stock Ownership:

Royalties: Edward P. Krenzelok (3D Communications)

Grants: Jonathan R. Ptachcinski (Pharmacy Consulting International); Lisa Potter (Bristol Myers Squibb, Astellas Pharma, Cinkate, Organ Recovery Systems); Daniel R. Touchette (Sunovion Pharmaceuticals, Institute for Clinical and Economic Review, Takeda Pharmaceuticals, Cardinal Health)

Honoraria: Jared W. Netley (Trine University)

Other:

Nothing to disclose: Janna Afanasjeva; Courtney Alexander; David M. Ball; Eugene N. Bush; Maya Campara; Barrett R. Crowther; Tara P. Driscoll; Crystal K. Howell ; Karen L. Kier; David W. Kubiak; Amy B. Montes; Oussayma E. Moukhachen; Chad L. Richardson; Andrew Santeusano; Jennifer H. Austin Szwak; Alan Tan; Angela L. Wood; Christopher R. Zimmerman

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

Questions regarding BPS specialty recertification should be directed to:

[Board of Pharmacy Specialties](#)

2215 Constitution Avenue NW

Washington, DC 20037

(202) 429-7591

CURRENT ISSUES IN PHARMACOTHERAPY I PANEL

Series Editors:

John E. Murphy, Pharm.D., FCCP, FASHP

*Professor of Pharmacy Practice and Science
Associate Dean – Phoenix Campus
University of Arizona College of Pharmacy
Phoenix, Arizona*

Mary Wun-Len Lee, Pharm.D., FCCP, BCPS

*Vice President and Chief Academic Officer
Pharmacy and Optometry Education
Professor of Pharmacy Practice
Midwestern University
Chicago College of Pharmacy
Downers Grove, Illinois*

Faculty Panel Chair:

Steven Gabardi, Pharm.D., BCPS, FAST, FCCP

*Abdominal Organ Transplant Clinical Specialist
Brigham and Women's Hospital
Assistant Professor of Medicine
Harvard Medical School
Boston, Massachusetts*

SOLID ORGAN TRANSPLANTATION

Author

Christina Teeter Doligalski, Pharm.D., BCPS, CPP

*Solid Organ Transplant Clinical Pharmacist Practitioner
UNC Medical Center Department of Pharmacy
Ambulatory Care Clinical Services
University of North Carolina at Chapel Hill Medical Center
Chapel Hill, North Carolina*

Reviewers

Barrett Crowther, Pharm.D., BCPS, FAST

*Solid Organ Transplant Clinical Pharmacist
Ambulatory Care Pharmacy Services
University of Colorado Hospital
Aurora, Colorado*

Alan Tan, Pharm.D., BCPS

*Clinical Pharmacist
University of California San Francisco Medical Center
San Francisco, California*

INFECTION PROPHYLAXIS IN THE IMMUNOCOMPROMISED PATIENT

Authors

Brandon Dionne, Pharm.D., BCPS-AQ ID, BCIDP, AAHIVP

David W. Kubiak, Pharm.D., BCPS-AQ ID

*Advanced Practice Pharmacy Specialist – Infectious Diseases
Department of Pharmacy Services
Brigham and Women's Hospital
Boston, Massachusetts*

Reviewers

Chad L. Richardson, Pharm.D.

*Clinical Pharmacy Specialist, Solid Organ Transplant
Department of Pharmacy
Beaumont Health
Royal Oak, Michigan*

Jared W. Netley, Pharm.D., MPA, BCPS

*Clinical Pharmacy Specialist
Department of Pharmacy
Parkview Health
Fort Wayne, Indiana*

Oussayma Moukhachen, Pharm.D., BCPS, BCCCP

*Associate Professor of Pharmacy Practice
Department of Pharmacy Practice/School of Pharmacy
MCPHS University
Boston, Massachusetts
Critical Care Pharmacy Specialist
Pharmacy Department
Mount Auburn Hospital
Cambridge, Massachusetts*

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

Anne L. Hume, Pharm.D., FCCP, BCPS

*Professor of Pharmacy
Department of Pharmacy Practice
University of Rhode Island
Kingston, Rhode Island
Adjunct Professor of Family Medicine
Alpert School of Medicine at Brown University
Providence, Rhode Island*

Lynn Kassel, Pharm.D., BCPS

Assistant Professor

Department of Clinical Sciences

Drake University College of Pharmacy & Health Sciences

Des Moines, Iowa

Acute Care Pharmacist

Mercy West Lakes Hospital

Clive, Iowa

CURRENT ISSUES IN PHARMACOTHERAPY II PANEL

Series Editors:

John E. Murphy, Pharm.D., FCCP, FASHP

*Professor of Pharmacy Practice and Science
Associate Dean – Phoenix Campus
University of Arizona College of Pharmacy
Phoenix, Arizona*

Mary Wun-Len Lee, Pharm.D., FCCP, BCPS

*Vice President and Chief Academic Officer
Pharmacy and Optometry Education
Professor of Pharmacy Practice
Midwestern University
Chicago College of Pharmacy
Downers Grove, Illinois*

Faculty Panel Chair:

Steven Gabardi, Pharm.D., BCPS, FAST, FCCP

*Abdominal Organ Transplant Clinical Specialist
Brigham and Women's Hospital
Assistant Professor of Medicine
Harvard Medical School
Boston, Massachusetts*

MEDICAL CANNABIS

Author

Mary Barna Bridgeman, Pharm.D., FASCP, BCPS, BCGP

*Clinical Associate Professor
Department of Pharmacy Practice and Administration
Ernest Mario School of Pharmacy
Rutgers, The State University of New Jersey
Piscataway, New Jersey
Clinical Pharmacy Specialist, Internal Medicine
Department of Pharmacy
Robert Wood Johnson University Hospital – New Brunswick
New Brunswick, New Jersey*

Reviewers

Edward P. Krenzelok, Pharm.D., DABAT, FAACT, FEAPCCT

*Professor Emeritus
School of Pharmacy
University of Pittsburgh
Pittsburgh, Pennsylvania*

Tara P. Driscoll, Pharm.D., BCPS, BCACP

*Clinical Pharmacist, Ambulatory Care – Pulmonary Hypertension
Department of Pharmacy
Indiana University Health
Indianapolis, Indiana*

Courtney S. Watts Alexander, Pharm.D., BCPS, BCOP

*Clinical Pharmacy Specialist, Pediatric Hematology/Oncology
Bi-Lo Charities Children's Cancer Center
Department of Pharmacy
Prisma Health – Upstate
Affiliate Clinical Assistant Professor
Biomedical Sciences
University of South Carolina School of Medicine Greenville
Affiliate Assistant Professor
Clinical Pharmacy Specialist (Pediatric hematology/Oncology)
College of Pharmacy
University of South Carolina
Greenville, South Carolina*

LONG-TERM MANAGEMENT OF CORTICOSTEROIDS

Authors

Lisa Potter, Pharm.D., FCCP, FAST, BCPS

Jennifer Austin Szwak, Pharm.D., BCPS

*Clinical Pharmacy Specialist – Internal Medicine
Department of Pharmacy
University of Chicago Medicine
Chicago, Illinois*

Reviewers

Maya Campara, Pharm.D., FCCP, BCPS

*Clinical Associate Professor
Department of Pharmacy Practice
University of Illinois at Chicago
Team Leader – Transplant Pharmacotherapy Team
University of Illinois Hospital and Health Sciences System
Chicago, Illinois*

Eugene N. Bush, BSPHarm, Ph.D., BCPS, BCCCP

*Clinical Staff Pharmacist
Pharmacy Department
Vista Health System
Waukegan, Illinois*

Angela L. Wood, Pharm.D., BCPS, BCOP

CURRENT ISSUES IN PHARMACOTHERAPY III PANEL

Series Editors:

John E. Murphy, Pharm.D., FCCP, FASHP

*Professor of Pharmacy Practice and Science
Associate Dean – Phoenix Campus
University of Arizona College of Pharmacy
Phoenix, Arizona*

Mary Wun-Len Lee, Pharm.D., FCCP, BCPS

*Vice President and Chief Academic Officer
Pharmacy and Optometry Education
Professor of Pharmacy Practice
Midwestern University
Chicago College of Pharmacy
Downers Grove, Illinois*

Faculty Panel Chair:

Steven Gabardi, Pharm.D., BCPS, FAST, FCCP

*Abdominal Organ Transplant Clinical Specialist
Brigham and Women's Hospital
Assistant Professor of Medicine
Harvard Medical School
Boston, Massachusetts*

FACULTY CHAIR: STATISTICS IN PRACTICE SERIES

Curtis E. Haas, Pharm.D., FCCP

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

INTERACTIVE CASE: BK VIRUS IN IMMUNOCOMPROMISED PATIENTS

Author

Jonathan R. Ptachcinski, Pharm.D., BCPS, BCOP

*Clinical Pharmacist Practitioner
Stem Cell Transplant & Cellular Therapy
University of North Carolina Medical Center
Chapel Hill, North Carolina*

Reviewers

Andrew Santeusanio, Pharm.D., BCPS

*Solid Organ Transplant Clinical Pharmacist
Recanati-Miller Transplantation Institute
Department of Pharmacy
Mount Sinai Hospital
New York, New York*

Crystal Kay Howell, Pharm.D., BCIDP, BCPS

*Assistant Professor
Department of Pharmacotherapy
University of North Texas System College of Pharmacy
Fort Worth, Texas*

RECORDED WEBCAST: EHR USE IN ACUTE CARE PHARMACY SERVICES

Author

Christopher Zimmerman, Pharm.D., BCPS

*Coordinator, EHR Clinical Decision Support
Health Information Technology and Services
Michigan Medicine
Ann Arbor, Michigan*

Reviewers

Caryn Domenici Belisle, BSPHarm, MBA

*Director of Pharmacy Regulatory
Compliance, Quality, and Safety
Department of Pharmacy
Brigham and Women's Hospital
Boston, Massachusetts*

Amy Montes, Pharm.D., BCPS

David M. Ball, Pharm.D., BCPS

STATISTICS IN PRACTICE: NATURE OF DATA, DESCRIPTIVE STATISTICS, AND PRESENTATION OF DATA

Author

Curtis E. Haas, Pharm.D., FCCP

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

Reviewers

Daniel R. Touchette, Pharm.D., MA, FCCP

*Professor
Director of Graduate Studies, MS
Comparative Effectiveness Program
Pharmacy Systems, Outcomes and Policy
University of Illinois at Chicago
Chicago, Illinois*

Karen L. Kier, Ph.D., BCPS, BCACP, CTTS

*Professor of Pharmacy Practice
Director of Drug and Health Information
Department of Pharmacy Practice
Ohio Northern University
Ada, Ohio*

Janna Afanasjeva, Pharm.D., BCPS

*Clinical Assistant Professor
Drug Information Specialist
Drug Information Group
University of Illinois Chicago
Chicago, Illinois*

Marianne McCollum, Ph.D., BSPHarm, BCPS

*Assistant Dean for Assessment
School of Pharmacy
Rueckert-Hartman College for Health Professions
Regis University
Denver, Colorado*

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

*Clinical Associate Professor
Department of Pharmacy Practice
and Translational Research
University of Houston College of Pharmacy
Houston, Texas*

The American College of Clinical Pharmacy and the authors thank the following individuals for their careful review of the Current Issues in Pharmacotherapy III features:

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*

The American College of Clinical Pharmacy and the authors thank the following individuals for their careful review of the Current Issues in Pharmacotherapy II chapters:

Anne L. Hume, Pharm.D., FCCP, BCPS

Professor of Pharmacy

Department of Pharmacy Practice

University of Rhode Island

Kingston, Rhode Island

Adjunct Professor of Family Medicine

Alpert School of Medicine at Brown University

Providence, Rhode Island

Mary Wun-Len Lee, Pharm.D., FCCP, BCPS

Vice President and Chief Academic Officer

Pharmacy and Optometry Education

Professor of Pharmacy Practice

Midwestern University

Chicago College of Pharmacy

Downers Grove, Illinois