NEPHROLOGY I PANEL

Series Editors:
John E. Murphy, Pharm.D., FCCP, FASHP
  Professor of Pharmacy Practice and Science
  Associate Dean
  University of Arizona College of Pharmacy
  Tucson, Arizona

Mary Wun-Len Lee, Pharm.D., FCCP, BCPS
  Vice President and Chief Academic Officer
  Pharmacy and Optometry Education
  Midwestern University
  Professor of Pharmacy Practice
  Midwestern University
  Chicago College of Pharmacy
  Downers Grove, Illinois

Faculty Panel Chair:
Julie M. Sease, Pharm.D., FCCP, BCPS, BCACP, CDE
  Associate Dean, Academic Affairs
  Presbyterian College School of Pharmacy
  Clinton, South Carolina

ACUTE RENAL FAILURE AND DIALYSIS

Author
Nancy Hope Goodbar, Pharm.D., BCPS
  Assistant Dean for Professional and Student Affairs;
  Associate Professor of Pharmacy Practice
  Office of Professional and Student Affairs
  Presbyterian College School of Pharmacy
  Clinton, South Carolina

Reviewers
Katie E. Cardone, Pharm.D., BCACP, FNKF
  Associate Professor
  Department of Pharmacy Practice
  Albany College of Pharmacy and Health Sciences
  Albany, New York

Evgenia Prokopenko, Pharm.D., BCPS
  Clinical Pharmacy Specialist
  Pharmacy Department
  VA Central California Health Care System
  Fresno, California

Elizabeth Wilpula, Pharm.D., BCPS
  Clinical Pharmacy Specialist, Nephrology/Transplant
  Pharmacy Department
  Harper University Hospital, Detroit Medical Center
  Detroit, Michigan

NEPHROLITHIASIS

Author
Matthew D. Kostoff, Pharm.D., BCPS, BCACP
  Clinical Pharmacist
  NewHealth Collaborative
  Akron, Ohio

Reviewers
Mary M. Bridgeman, Pharm.D., 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

Stephanie N. Martens, Pharm.D., BCPS
  Clinical Staff Pharmacist
  Pharmacy Department
  Via Christi Hospitals
  Wichita, Kansas

CLINICAL TRIAL DESIGN AND BIOSTATISTICS

Authors
Daniel R. Malcom, Pharm.D., BCPS, BCCCP
  Associate Professor and Vice-Chair
  Clinical and Administrative Sciences
  Sullivan University College of Pharmacy
  Louisville, Kentucky

Tristan Timbrook, Pharm.D., MBA, BCPS
  Infectious Diseases Pharmacist
  Pharmacy Department
  Providence VA Medical Center
  Providence, Rhode Island
The American College of Clinical Pharmacy and the authors thank the following individuals for their careful review of the Nephrology I chapters:

**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

**Mary Wun-Len Lee, Pharm.D., FCCP, BCPS**
- Vice President and Chief Academic Officer
- Pharmacy and Optometry Education
- Midwestern University
- Professor of Pharmacy Practice
- Midwestern University
- Chicago College of Pharmacy
- Downers Grove, Illinois

**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: Dana A. Brown (Wolters Kluwer, Elsevier, Pharmacy Times); Katie E. Cardone: AstraZeneca, Fresenius Medical Care; Bethany L. Murphy (Rx Prep); Charmaine D. Rochester-Eyeguokan (Maryland Board of Pharmacy)

Royalties:

Grants: Christie A. Schumacher (National Heart, Lung, and Blood Institute)

Honoraria: Elizabeth W. Blake (South Carolina Pharmacy Association); Dana A. Brown (Kaplan); Daniel R. Malcom (Boehringer-Ingelheim)

Other: Stock Ownership:

Nothing to disclose: Janna Afanasjeva; Nicholas D. Baker; Mary M. Bridgeman; Steve C. Burkes; Eric A. Dietrich; Nancy Hope Goodbar; Amy M. Henneman; Matthew D. Kostoff; Judith L. Kristeller; Maria J. Longo; Stephanie N. Martens; Melanie N. Michael; Roshni Patel; Jodi Peoples; Evgenia Prokopenko; Kayce M. Shealy; James R. Taylor; Tristan Timbrook; Karen L. Whalen; Elizabeth Wilpula

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. PSAP has been approved by BPS for use in BCPS recertification. For more information about the BPS recertification process, click here.

Other questions regarding recertification should be directed to:

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