INFECTIOUS DISEASES III PANEL

Editorial Board Liaison

Marisel Segarra-Newnham, Pharm.D., MPH, FCCP, BCPS Clinical Pharmacy Specialist, Infectious Diseases Pharmacy Service Veterans Affairs Medical Center West Palm Beach, Florida Clinical Assistant Professor of Pharmacy Practice University of Florida College of Pharmacy Gainesville, Florida

BONE AND JOINT INFECTIONS

Author

Jamie S. Winner, Pharm.D., BCPS (AQ Infectious Diseases) *Clinical Pharmacy Specialist, Infectious Diseases* Department of Pharmacy Clement J. Zablocki VA Medical Center Milwaukee, Wisconsin

Reviewers

Emilie L. Karpiuk, Pharm.D., BCPS, BCOP Oncology Pharmacist Department of Pharmacy Froedtert Hospital Milwaukee, Wisconsin

Michael B. Kays, Pharm.D., FCCP Associate Professor of Pharmacy Practice Department of Pharmacy Practice Purdue University College of Pharmacy Adjunct Associate Professor of Medicine Department of Medicine Indiana University School of Medicine Indianapolis, Indiana

Jean A. Patel, Pharm.D., BCPS *Clinical Coordinator Clinical Pharmacist – Infectious Diseases* Department of Pharmacy Northwestern Memorial Hospital *Instructor* Department of Family and Community Medicine Feinberg School of Medicine Northwestern University Chicago, Illinois

INTRA-ABDOMINAL INFECTIONS

Author

David T. Bearden, Pharm.D. *Clinical Associate Professor and Chair* Department of Pharmacy Practice Oregon State University College of Pharmacy Portland, Oregon

Reviewers

Elias B. Chahine, Pharm.D., BCPS Assistant Professor of Pharmacy Practice Department of Pharmacy Practice Palm Beach Atlantic University West Palm Beach, Florida *Clinical Pharmacist* Department of Pharmaceutical Services JFK Medical Center Atlantis, Florida

Joseph T. DiPiro, Pharm.D., FCCP Professor and Executive Dean South Carolina College of Pharmacy The University of South Carolina Medical University of South Carolina Columbia and Charleston, South Carolina

Marisel Segarra-Newnham, Pharm.D., MPH, FCCP, BCPS Clinical Pharmacy Specialist, Infectious Diseases Pharmacy Service Veterans Affairs Medical Center West Palm Beach, Florida Clinical Assistant Professor of Pharmacy Practice University of Florida College of Pharmacy Gainesville, Florida

C. DIFFICILE INFECTION

Author

Kevin W. Garey, Pharm.D., M.S. Associate Professor and Chair Department of Clinical Sciences and Administration University of Houston College of Pharmacy Houston, Texas

Reviewers

Clarence Chant, Pharm.D., FCSHP, FCCP, BCPS Clinical Pharmacy Specialist/Leader, Critical Care/Research Associate Scientist, Keenan Research Centre of the Li Ka Shing Knowledge Institute St. Michael's Hospital Toronto, Ontario, Canada

Amy Pakyz, Pharm.D., M.S., BCPS Associate Professor Department of Pharmacotherapy and Outcomes Science Virginia Commonwealth University School of Pharmacy Richmond, Virginia

Influenza

Authors

Michael E. Klepser, Pharm.D., FCCP Professor, Pharmacy Practice College of Pharmacy Ferris State University Kalamazoo, Michigan

Jennifer Hagerman, Pharm.D., AE-C Director of Education Diplomat Specialty Pharmacy Adjunct Professor, Pharmacy Practice Ferris State University College of Pharmacy Flint, Michigan

Reviewers

Adam B. Jackson, Pharm.D., BCPS *Clinical Pharmacy Specialist in Infectious Diseases* Pharmacy Department Kaiser Permanente Colorado *Clinical Assistant Professor* University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences Denver, Colorado

Michelle M. Richardson, Pharm.D., FCCP, BCPS Special and Scientific Staff William B. Schwartz Division of Nephrology Tufts Medical Center Assistant Professor of Medicine Tufts University School of Medicine Boston, Massachusetts The American College of Clinical Pharmacy and the authors thank the following individuals for their careful review of the Book 9, Infectious Diseases III chapters:

H. Gwen Bartlett, Pharm.D., BCPS *Clinical Pharmacist III* Department of Pharmacy St. Francis Health Center Topeka, Kansas

Nicola G. Dahl, Pharm.D. *Medical Writer* Kanab, Utah

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

Disclosure of Potential Conflicts of Interest

- Consultancies: P. Brandon Bookstaver (Johnson & Johnson [Ortho-McNeil]); Patrick G. Clay (GlaxoSmithKline [ViiV Healthcare], U.S. Food and Drug Administration, Koronis Pharmaceuticals); Joseph T. DiPiro (American Association of Colleges of Pharmacy, U.S. Food and Drug Administration, AACP); Shannon W. Finks (Novartis Pharmaceuticals); Brian A. Hemstreet (Conexus Health); Vanthida Huang (Astellas Pharma [Theravance Inc.], Ortho-McNeil); Lisa C. Hutchison (Arkansas Medicaid, Arkansas Foundation for Medical Care); Amy Pakyz (Ortho-McNeil), Jean A. Patel (University Health System Consortium); Michael Postelnick (Hospira); Michelle Richardson (Amgen, QualityMetric); David J. Ritchie (Pfizer, Astellas Pharma); Marisel Segarra-Newnham (Tibotec Therapeutics, USP, Annals of Pharmacotherapy); Jeffrey T. Sherer (Sturge-Weber Foundation); Douglas Slain (Wyeth)
- Stock Ownership: Lisa M. Avery (Merck); Katherine H. Chessman (Procter & Gamble [spouse or significant other]); Joseph T. DiPiro (Bristol Myers Squibb, Pfizer); Lisa C. Hutchison (Cardinal Health)
- Royalties: Joseph T. DiPiro (McGraw-Hill, ASHP); Lisa C. Hutchison (ASHP)
- Grants: Jarrett R. Amsden (Astellas Pharma); P. Brandon Bookstaver (Cubist Pharmaceuticals, Astellas Pharma, Merck & Co); Kevin W. Garey (Merck); Jennifer Hagerman (Gilead); Brian A. Hemstreet (AstraZeneca); Anne L.

Hume (AHRQ [two grants], HRSA); Lisa C. Hutchison (Boehringer Ingelheim, National Institutes of Health); Michael B. Kays (Ortho-McNeil); Michael E. Klepser (Gilead); Jennifer Le (NIH/NIAID, Cubist, Memorialcare Foundation); Craig A. Martin (Pfizer); Amy Pakyz (Cubist, ViroPharma, AHRQ); Charles A. Peloquin (Jacobus Pharmaceuticals); Marc H. Scheetz (Cubist, TheraDoc, Inc., BioCryst Pharmaceuticals)

Honoraria: Lisa M. Avery (Astellas Pharma); Elias B. Chahine (Optimer Pharmaceuticals, Inc.); Clarence Chant (Hospira Canada and Drug Intelligence Inc.); Vanthida Huang (Forest, Cubist); Lisa C. Hutchison (American College of Clinical Pharmacy, American Society of Health-System Pharmacists); Michael B. Kays (Astellas Pharma, Merck); Michael E. Klepser (Cubist), Jennifer Le (Pfizer); Jean A. Patel (Northwestern Feinberg School of Medicine Physician Assistant Program, Scottsdale Institute) Michelle Richardson (Amgen); David J. Ritchie (Astellas Pharma, Cubist)

Other:

Nothing to Disclose: David T. Bearden; Pamela Belperio; Adam B. Jackson; Emilie Karpiuk; Marianne McCollum; Ryan Moenster; Rocsanna Namdar; Phillip S. Owen; Jason J. Schafer; Jamie S. Winner; Nancy Yunker

ROLE OF ACCP: ACCP developed the petition seeking recognition of Pharmacotherapy as a specialty of pharmacy and presented it to the Board of Pharmacy Specialties (BPS). As part of its mission to provide leadership, education, advocacy, and resources enabling clinical pharmacists to achieve excellence in practice and research, ACCP also helps pharmacotherapy specialists maintain their certification through PSAP. ACCP reports successful completion of PSAP examinations to BPS for recertification credit. Neither ACCP nor its agents, including the PSAP Editorial Board, authors, reviewers, or other staff, has knowledge of specific examination content, areas of emphasis, or any other information that would compromise the integrity of the examination process. **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. Information about the BPS recertification process is available at *www.bpsweb.org/recertification/general.cfm*.

Other questions regarding recertification should be directed to:

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