

Infections in Immunocompromised Patients I Panel

Series Editors:

Elizabeth S. Dodds Ashley, Pharm.D., MHS, BCIDP

Professor in Medicine
Division of Infectious Diseases
Duke University School of Medicine
Director of Operations
Duke Antimicrobial Stewardship
Outreach Network (DASON)
Durham, North Carolina

Alan E. Gross, Pharm.D., FCCP, BCPS, BCIDP

Clinical Associate Professor
Department of Pharmacy Practice
University of Illinois at Chicago College of Pharmacy
Infectious Diseases Pharmacist
Hospital Pharmacy Services
University of Illinois Hospital and Health Sciences System
Chicago, Illinois

Faculty Panel Chair:

Daniel B. Chastain, Pharm.D., BCIDP, AAHIVP

Clinical Associate Professor
University of Georgia College of Pharmacy
SWG A Clinical Campus
Infectious Diseases Pharmacist
Phoebe Putney Memorial Hospital
Albany, Georgia

HIV Pharmacotherapy

Author

Sarah B. Jeter, Pharm.D., BCIDP, AAHIVP

HIV Clinical Pharmacist
Department of Pharmacy
University of Kentucky HealthCare
Lexington, Kentucky

Reviewers

Kalin M. Clifford, Pharm.D., FASCP, BCGP, BCPS

Associate Professor, Geriatrics and Pediatrics Division
Department of Pharmacy Practice
Texas Tech University Health Sciences Center,
Jerry H. Hodge School of Pharmacy
Dallas, Texas

Sarah B. Green, Pharm.D., BCIDP, AAHIVP

Clinical Pharmacy Specialist – Infectious Diseases
Department of Pharmacy
Emory University Hospital
Atlanta, Georgia

Milouse Dornevil, Pharm.D., BCPS, BCNSP

Pharmacy Clinical Specialist - Internal Medicine
Department of Pharmacy Services
Baptist Health Homestead Hospital
Homestead, Florida

HIV Management in Select Populations

Authors

Amanda Binkley, Pharm.D., BCIDP, AAHIVP

Clinical Pharmacy Specialist, Infectious Diseases
Department of Pharmacy
Penn Presbyterian Medical Center
Philadelphia, Pennsylvania

Christina Maguire, Pharm.D., BCIDP, AAHIVP

Infectious Diseases Clinical Pharmacy Specialist
Department of Pharmacy
Penn Presbyterian Medical Center
Philadelphia, Pennsylvania

Reviewers

Bradley L. Smith, Pharm.D., BCACP, AAHIVP

Clinical Pharmacist Specialist
Department of Pharmacy and Nutrition Services
Grady Health System
Atlanta, Georgia

Jessica Leri, Pharm.D., BCIDP

Lead Clinical Pharmacist
Department of Pharmacy
Christiana Care
Newark, Delaware

James McCracken-Goncalves, Pharm.D., BCIDP, AAHIVP

*Clinical Pharmacy Specialist, Infectious
Diseases and Antimicrobial Stewardship*
Wyckoff Heights Medical Center
Brooklyn, New York

Infections in Immunocompromised Patients II Panel

Series Editors:

Elizabeth S. Dodds Ashley, Pharm.D., MHS, BCIDP

Professor in Medicine
Division of Infectious Diseases
Duke University School of Medicine
Director of Operations
Duke Antimicrobial Stewardship
Outreach Network (DASON)
Durham, North Carolina

Alan E. Gross, Pharm.D., FCCP, BCPS, BCIDP

Clinical Associate Professor
Department of Pharmacy Practice
University of Illinois at Chicago College of Pharmacy
Infectious Diseases Pharmacist
Hospital Pharmacy Services
University of Illinois Hospital and Health Sciences System
Chicago, Illinois

Faculty Panel Chair:

Daniel B. Chastain, Pharm.D., BCIDP, AAHIVP

Clinical Associate Professor
University of Georgia College of Pharmacy
SWG A Clinical Campus
Infectious Diseases Pharmacist
Phoebe Putney Memorial Hospital
Albany, Georgia

Innate and Acquired Immunodeficiencies

Author

Kellie J. Goodlet, Pharm.D., BCIDP, BCPS, BCTXP

Associate Professor
Department of Pharmacy Practice
Midwestern University College of Pharmacy
Glendale, Arizona

Reviewers

Cynthia T. Nguyen, Pharm.D., BCIDP

Clinical Pharmacy Specialist, Infectious Diseases
Department of Pharmacy
University of Chicago Medicine
Chicago, Illinois

Yehia El Khawly, Pharm.D., BCIDP, BCPS

Clinical Pharmacist
Al Wakra Hospital
Adjunct Clinical Lecturer
College of Pharmacy
Qatar University
Qatar

Tho H. Pham, Pharm.D., BCIDP

Assistant Professor of Practice
Department of Pharmacy Practice
University of Arizona R. Ken Coit College of Pharmacy
Phoenix, Arizona

Infection Risk with Biologic Response Modifiers

Author

Kate McCarthy, Pharm.D., BCACP

Clinical Pharmacy Specialist
Specialty Pharmacy
University of Rochester Medical Center
Rochester, New York

Reviewers

Lynn Wardlow, Pharm.D., MBA, MS, BCPS, BCIDP, AAHIVP

Specialty Practice Pharmacist, Infectious Diseases
Department of Pharmacy
The Ohio State University Wexner Medical Center
Columbus, Ohio

Eric L. Peterson, Pharm.D., BCIDP

Clinical Pharmacist
Children's Hospital Colorado
Broomfield, Colorado

Infections in Immunocompromised Patients III Panel

Series Editors:

Elizabeth S. Dodds Ashley, Pharm.D., MHS, BCIDP

Professor in Medicine
Division of Infectious Diseases
Duke University School of Medicine
Director of Operations
Duke Antimicrobial Stewardship
Outreach Network (DASON)
Durham, North Carolina

Alan E. Gross, Pharm.D., FCCP, BCPS, BCIDP

Clinical Associate Professor
Department of Pharmacy Practice
University of Illinois at Chicago College of Pharmacy
Infectious Diseases Pharmacist
Hospital Pharmacy Services
University of Illinois Hospital and Health Sciences System
Chicago, Illinois

Faculty Panel Chair:

Daniel B. Chastain, Pharm.D., BCIDP, AAHIVP

Clinical Associate Professor
University of Georgia College of Pharmacy
SWG A Clinical Campus
Infectious Diseases Pharmacist
Phoebe Putney Memorial Hospital
Albany, Georgia

Vaccinations in Patients at High Risk for Infections

Author

Jessica Leininger, Pharm.D., MBA, BCIDP

Specialty Practice Pharmacist, Infectious Diseases
Department of Pharmacy
The Ohio State University Wexner Medical Center
Columbus, Ohio

Reviewers

Zachary Nelson, Pharm.D., MPH, CPH, BCIDP, AAHIVP

Clinical Pharmacy Specialist, Infectious Diseases
Department of Pharmacy
Park Nicollet Methodist Hospital
Saint Louis Park, Minnesota

Jessica N. Thompson, Pharm.D., BCPS, BCIDP

Director of Clinical Pharmacy
Department of Pharmacy
Renown Health
Reno, Nevada

Antibiotic Management in Patients with Cystic Fibrosis

Author

Rebecca S. Pettit, Pharm.D., MBA, FCCP, BCPS, BCPPS

Pediatric Pulmonary Ambulatory Clinical Specialist
Department of Pharmacy
Riley Hospital for Children at Indiana University Health
Indianapolis, Indiana

Reviewers

Sarah Parsons, Pharm. D., BCPPS

Clinical Pharmacy Specialist, Pediatric Infectious Diseases
Antimicrobial Stewardship Program Co-Lead
Department of Pharmacy
Children's Hospital of the King's Daughters
Norfolk, Virginia

Lynn Chan, Pharm.D., BCIDP

Clinical Pharmacist - Infectious Diseases/OPAT
Department of Pharmacy
Ronald Reagan UCLA Medical Center
Los Angeles, California

Ahmed Zaki, Pharm.D., BCIDP

Infectious Diseases/Antimicrobial Stewardship
Clinical Pharmacy Specialist
Department of Pharmacy
Memorial Hermann Greater Heights Hospital
Houston, Texas

Infections in Immunocompromised Patients

IV Panel

Series Editors:

Elizabeth S. Dodds Ashley, Pharm.D., MHS, BCIDP

Professor in Medicine
Division of Infectious Diseases
Duke University School of Medicine
Director of Operations
Duke Antimicrobial Stewardship
Outreach Network (DASON)
Durham, North Carolina

Alan E. Gross, Pharm.D., FCCP, BCPS, BCIDP

Clinical Associate Professor
Department of Pharmacy Practice
University of Illinois at Chicago College of Pharmacy
Infectious Diseases Pharmacist
Hospital Pharmacy Services
University of Illinois Hospital and Health Sciences System
Chicago, Illinois

Faculty Panel Chair:

Daniel B. Chastain, Pharm.D., BCIDP, AAHIVP

Clinical Associate Professor
University of Georgia College of Pharmacy
SWG A Clinical Campus
Infectious Diseases Pharmacist
Phoebe Putney Memorial Hospital
Albany, Georgia

Case Series: Prevention of HIV Infection

Author

David Cluck, Pharm.D., BCPS, BCIDP, AAHIVP

Associate Professor
Department of Pharmacy
Bill Gatton College of Pharmacy
East Tennessee State University
Johnson City, Tennessee

Reviewers

E. Kelly Hester, Pharm.D., FCCP, BCPS, AAHIVP

Clinical Professor
Department of Pharmacy Practice
Auburn University Harrison College of Pharmacy
Auburn, Alabama

Sara DiTursi, Pharm.D., BCPS, BCIDP

Clinical Pharmacy Specialist – Infectious Diseases
Catholic Health System – Kenmore Mercy Hospital
Buffalo, New York

Esther O. Fasanmi, Pharm.D., BCIDP, BCPS, AAHIVP

Clinical Pharmacist – Ambulatory (HIV/Hepatitis C)
Department of Pharmacy Clinical Services, Outpatient
JPS Health Network
Fort Worth, Texas

Case Series: Secondary Lung Infections After Viral Pneumonitis

Author

Matthew P. Crotty, Pharm.D., BCIDP

Clinical Pharmacy Specialist – ID, Antimicrobial Stewardship
Department of Pharmacy
Methodist Dallas Medical Center
Dallas, Texas

Reviewers

Kelly Covert, Pharm.D., BCPS

Associate Professor
Department of Pharmacy Practice
East Tennessee State University Bill
Gatton College of Pharmacy
Johnson City, Tennessee

Angelina Davis, Pharm.D., MS, BCPS, BCIDP

Liaison Clinical Pharmacist
Duke Antimicrobial Stewardship Outreach Network
Durham, North Carolina

John Boreyko, Pharm.D., BCIDP

Infectious Diseases Clinical Pharmacist
Department of Pharmacy
Duke Regional Hospital
Durham, North Carolina

Infections in Immunocompromised Patients V Panel

Series Editors:

Elizabeth S. Dodds Ashley, Pharm.D., MHS, BCIDP

Professor in Medicine
Division of Infectious Diseases
Duke University School of Medicine
Director of Operations
Duke Antimicrobial Stewardship
Outreach Network (DASON)
Durham, North Carolina

Alan E. Gross, Pharm.D., FCCP, BCPS, BCIDP

Clinical Associate Professor
Department of Pharmacy Practice
University of Illinois at Chicago College of Pharmacy
Infectious Diseases Pharmacist
Hospital Pharmacy Services
University of Illinois Hospital and Health Sciences System
Chicago, Illinois

Faculty Panel Chair:

Daniel B. Chastain, Pharm.D., BCIDP, AAHIVP

Clinical Associate Professor
University of Georgia College of Pharmacy
SWG Clinical Campus
Infectious Diseases Pharmacist
Phoebe Putney Memorial Hospital
Albany, Georgia

Case Series: Infections in Patients Taking Glucocorticoids

Author

Erin Weslander, Pharm.D., BCIDP

*Practice Coordinator – Antimicrobial
and Diagnostic Stewardship*
Department of Pharmacy
Northwestern Medicine
Chicago, Illinois

Reviewers

Kyle C. Molina, Pharm.D., BCIDP

Infectious Diseases Clinical Pharmacist
Department of Pharmacy
Scripps Health
La Jolla, California

Yehia El Khawly, Pharm.D., BCIDP, BCPS

Clinical Pharmacist
Al Wakra Hospital
Adjunct Clinical Lecturer
College of Pharmacy
Qatar University
Qatar

Min Zhang, Pharm.D., BCPS, BCIDP

Pharmacy Clinical Specialist, Medicine
Department of Pharmacy Services
Boston Medical Center
Boston, Massachusetts
Adjunct Clinical Assistant Professor
College of Pharmacy
The University of Rhode Island
Kingston, Rhode Island

Case Series: Infections in Pregnancy

Author

Noelle Leung, Pharm.D., BCPPS

Maternal Fetal Medicine and Obstetrics Clinical Specialist
Department of Pharmacy Services
University of Kentucky HealthCare
Adjunct Associate Professor
Department of Pharmacy Practice & Science
University of Kentucky College of Pharmacy
Lexington, Kentucky

Reviewers

Kayla Popova, Pharm.D.

Clinical Pharmacist Specialist
Department of Pharmacy Services
Michigan Medicine
Ann Arbor, Michigan

Jessica Cottreau, Pharm.D, BCPS, BCIDP

Chair and Associate Professor
Department of Pharmacy Practice
Rosalind Franklin University of Medicine and Science
North Chicago, Illinois

Mary E. Palmer Klawon, Pharm.D., BCPS, BCIDP, AAHIVP

*Clinical Pharmacy Specialist - Infectious Diseases/
Antimicrobial Stewardship/ID Research*
Department of Pharmacy
UC Health - University of Cincinnati Medical Center
Cincinnati, Ohio