

Contributors

CONSULTING EDITOR

AMAL MATTU, MD

Professor and Vice Chair of Academic Affairs, Department of Emergency Medicine, University of Maryland School of Medicine, Baltimore, Maryland, USA

EDITORS

ROBERT S. ANDERSON Jr, MD

Departments of Emergency Medicine and Internal Medicine, Maine Medical Center, Portland, Maine, USA

PHILLIP D. MAGIDSON, MD, MPH

Assistant Professor, Department of Emergency Medicine, Department of Medicine, Division of Geriatric Medicine and Gerontology, Johns Hopkins School of Medicine, Baltimore, Maryland, USA

DANYA KHOUJAH, MBBS, MEHP

Attending Physician, Emergency Medicine, MedStar Franklin Square Medical Center, Adjunct Volunteer Assistant Professor, Department of Emergency Medicine, University of Maryland School of Medicine, Baltimore, Maryland, USA

AUTHORS

ROBERT S. ANDERSON Jr, MD

Departments of Emergency Medicine and Internal Medicine, Maine Medical Center, Portland, Maine, USA

KIMBERLY BAMBACH, MD

Department of Emergency Medicine, The Ohio State University Wexner Medical Center, Columbus, Ohio, USA

LEAH BRIGHT, DO

Physician, Associate Program Director, Emergency Medicine Department, Johns Hopkins Hospital, Baltimore, Maryland, USA

ROBERT M. BROWN, MD

Attending Physician and Visiting Professor, Department of Emergency Medicine, Virginia Tech Carilion School of Medicine, Carilion Roanoke Memorial Hospital, Roanoke, Virginia, USA

CHRISTOPHER R. CARPENTER, MD, MSc

Professor, Department of Emergency Medicine, Emergency Care Research Core, Washington University School of Medicine in St. Louis, St Louis, Missouri, USA

NICOLE CIMINO-FIALLOS, MD

Assistant Medical Director, Department of Emergency Medicine, Meritus Medical Center, Hagerstown, Maryland, USA

DREW CLARE, MD

Assistant Professor of Emergency Medicine, University of Florida, Jacksonville, Florida, USA

DEBRA EAGLES, MD, MSc

Assistant Professor, Department of Emergency Medicine, School of Epidemiology and Public Health, University of Ottawa, Associate Scientist, Ottawa Hospital Research Institute, Ottawa, Ontario, Canada

KAMI M. HU, MD, FAAEM, FACEP

Assistant Professor, Departments of Emergency Medicine and Internal Medicine, University of Maryland School of Medicine, Baltimore, Maryland, USA

WENNIE HUANG, PharmD, BCPS

Department of Surgery, Division of Emergency Medicine, Duke University Hospital, Durham, North Carolina, USA

DANYA KHOUJAH, MBBS, MEHP

Attending Physician, Emergency Medicine, MedStar Franklin Square Medical Center, Adjunct Volunteer Assistant Professor, Department of Emergency Medicine, University of Maryland School of Medicine, Baltimore, Maryland, USA

STEPHEN Y. LIANG, MD, MPHS

Divisions of Emergency Medicine and Infectious Diseases, Washington University School of Medicine, St Louis, Missouri, USA

PHILLIP D. MAGIDSON, MD, MPH

Assistant Professor, Department of Emergency Medicine, Department of Medicine, Division of Geriatric Medicine and Gerontology, Johns Hopkins School of Medicine, Baltimore, Maryland, USA

SARA MANNING, MD

Assistant Professor, Department of Emergency Medicine, University of Maryland School of Medicine, Baltimore, Maryland, USA

BONNIE MARR, MD

Physician, Palliative Care Department, Johns Hopkins Hospital, Baltimore, Maryland, USA

ASHLEY N. MARTINELLI, PharmD, BCCCP

Clinical Pharmacy Specialist, Emergency Medicine, Department of Pharmacy, University of Maryland Medical Center, Baltimore, Maryland, USA

MICHAEL McGARRY, MD

Emergency Physician, Department of Emergency Medicine, Northwest Medical Center, Margate, Florida, USA

ELIZABETH A. PONTIUS, DPT

Maine Medical Center, Portland, Maine, USA

LUNA RAGSDALE, MD, MPH

Department of Surgery, Division of Emergency Medicine, Duke University Hospital, Emergency Department, Durham VA Health Care System, Durham, North Carolina, USA

TONY ROSEN, MD, MPH

Department of Emergency Medicine, Weill Cornell Medical College, NewYork-Presbyterian Hospital, New York, New York, USA

MARY MORGAN SCOTT, MD

Department of Medicine, Washington University School of Medicine in St. Louis, St Louis, Missouri, USA

CHRISTINA L. SHENVI, MD, PhD

Assistant Professor, Department of Emergency Medicine, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, USA

NICOLE SORIA, MD

Attending Physician, Emergency Medicine, Assistant Medical Director, US Acute Care Solutions, Mercy Health West Hospital, Volunteer Assistant Professor, Geriatric Division, Department of Family and Community Medicine, University of Cincinnati, Cincinnati, Ohio, USA

LAUREN T. SOUTHERLAND, MD, FACEP

Associate Professor, Department of Emergency Medicine, The Ohio State University Wexner Medical Center, Columbus, Ohio, USA

RYAN SPANGLER, MD

Assistant Professor, Department of Emergency Medicine, University of Maryland School of Medicine, Baltimore, Maryland, USA

REBECCA THEOPHANOUS, MD

Department of Surgery, Division of Emergency Medicine, Duke University Hospital, Durham, North Carolina, USA

JAMES P. WOLAK, MD

Department of Psychiatry, Maine Medical Center, Portland, Maine, USA; Assistant Professor of Psychiatry, Tufts University School of Medicine, Boston, Massachusetts, USA

KORIE L. ZINK, MD, MS

Emergency Medicine Resident Physician, Johns Hopkins University, Baltimore, Maryland, USA