

Critical Care Medicine

EDITORIAL BOARD

EDITOR-IN-CHIEF

Joseph E. Parrillo, MD, FCCM

Professor of Medicine, Robert Wood Johnson Medical School, University of Medicine and Dentistry of New Jersey; Chief, Department of Medicine; Edward D. Viner MD Chair, Department of Medicine; Director, Cooper Heart Institute; Cooper University Hospital, Camden, New Jersey, USA

ASSOCIATE EDITORS

Edwin A. Deitch, MD, FACS

Professor and Chairman
Department of Surgery
UMDNJ Medical School

R. Phillip Dellinger, MD, FCCM

Professor, Medicine
Section of Critical Care Medicine
Cooper Health System

Henry Masur, MD

Chief, Critical Care Medicine Department
NIH-Clinical Center, NIH
Clinical Professor of Medicine
George Washington University School
of Medicine
Attending Physician, Washington
Hospital Center

Margaret M. Parker, MD, FCCM

Professor, Pediatrics
State University of
New York at Stony Brook

SCIENTIFIC EDITORS

Mitchell P. Fink, MD, FCCM

Chief, Critical Care Medicine
Professor, Surgery, Anesthesiology, and
Critical Care Medicine
University of Pittsburgh Medical Center

Patrick M. Kochanek, MD, FCCM

Vice Chairman, Department of Critical Care Medicine
Director, Safar Center for Resuscitation Research
University of Pittsburgh School of Medicine
and Children's Hospital of Pittsburgh

Neil R. MacIntyre, MD

Professor, Medicine
Duke University Medical Center

Donald S. Prough, MD

Professor and Chairman
Department of Anesthesiology
University of Texas Medical Branch at Galveston

SECTION EDITORS

PEDIATRIC CRITICAL CARE

Murray M. Pollack, MD, FCCM

Professor, Anesthesiology and Pediatrics
George Washington University

NEUROLOGIC CRITICAL CARE

Thomas P. Bleck, MD, FCCM

Professor
Rush Medical College

SENIOR EDITORS

Jean-Louis Vincent, MD, PhD, FCCM

Professor, Intensive Care
University Hospital Erasme
Brussels, Belgium

Max Harry Weil, MD, PhD, FCCM

Distinguished University Professor and President
The Institute of Critical Care Medicine, Palm Springs
Clinical Professor, USC and Northwestern University Medical
School

BOOK REVIEW EDITOR

Jerry J. Zimmerman, MD, PhD, FCCM

Director, Pediatric Critical Care Medicine
Seattle Children's Hospital
University of Washington

CONCISE DEFINITIVE REVIEW SERIES EDITOR

Jonathan E. Sevransky, MD, MHS

Assistant Professor of Medicine
Medical Director
Johns Hopkins Bayview Medical Center, Medical Intensive
Care Unit

EDITOR EMERITUS

Bart Chernow, MD, FCCM

FOUNDING EDITOR

William C. Shoemaker, MD, FCCM

EDITORIAL BOARD MEMBERS

Edward Abraham, MD, FCCM

Professor and Chair
Department of Medicine
University of Alabama at Birmingham

Hasan D. Alam, MD, FACS

Professor of Surgery
Harvard Medical School
Massachusetts General Hospital

Theodore A. Alston, MD, PhD

Anesthesia, Critical Care, and Pain Medicine
Massachusetts General Hospital
Harvard Medical School

Robert J. Anderson, MD

Professor and Chair
Department of Medicine
University of Colorado Health
Science Center

John H. Arnold, MD

Associate Professor, Anaesthesia
(Pediatrics)
Harvard Medical School

Carolyn Bekes, MD

Chief Medical Officer—Cooper University
Hospital
Associate Dean for Clinical Affairs and GME
Cooper Medical School of Rowan University

Anish Bhardwaj, MD, FAHA, FCCM

Chairman, Department of Neurology
Professor of Neurology and Neurosurgery
Tufts University School of Medicine
Neurologist-in-Chief
Tufts Medical Center

Luca Bigatello, MD

Chief, Anesthesia and Critical Care Services
VA Boston Healthcare System
Associate Professor of Anesthesia
Harvard Medical School

Bruce R. Bistrian, MD, MPH, PhD

Professor, Medicine
Beth Israel Deaconess Medical Center
Harvard Medical School

Roy G. Brower, MD

Professor of Medicine
Johns Hopkins University School of
Medicine

Timothy G. Buchman, PhD, MD, FCCM

Professor of Surgery
Department of Surgery
Emory University School of Medicine

Joseph A. Carcillo, MD

Assistant Professor, Critical Care Medicine
Associate Director, Pediatric ICU
Children's Hospital of Pittsburgh

Davide Chiumello, MD

Dipartimento di Anestesia, Rianimazione
(Intensiva e Subintensiva)
e Terapia del Dolore, Fondazione
IRCCS Ca' Granda—Ospedale Maggiore
Policlinico, Milan

David A. Cook, MBBS, FJFICM, PhD

Senior Specialist in Intensive Care
Intensive Care Unit
Princess Alexandra Hospital

Craig Coopersmith, MD

Professor of Surgery
Director, Surgical Intensive Care Unit
Associate Director
Emory Center for Critical Care Medicine
Emory University School of Medicine

Douglas B. Coursin, MD

Professor, Anesthesiology and Internal
Medicine
University of Wisconsin School of Medicine
and Public Health

Elliott Crouser, MD

Associate Professor of Medicine
Division of Pulmonary and Critical Care
Medicine
Director, Medical Intensive Care Unit
University Hospital East
Associate Director, Center for Critical Care
Ohio State University Medical Center

Marion Danis, MD

Chief, Bioethics Consultation Service
Head, Section of Ethics and Health Policy
Department of Bioethics
National Institutes of Health

Joseph F. Dasta, MSc, FCCM

Professor, Pharmacy
Ohio State University College of Pharmacy

Bennett deBoisblanc, MD

Professor of Medicine and Physiology
Director of Critical Care Services
Louisiana State University Health Sciences
Center

Clifford S. Deutschman, MD, FCCM

Professor of Anesthesiology and Critical Care
University of Pennsylvania School of
Medicine

John W. Devlin, PharmD, FCCM

Associate Professor
Northeastern University School of Pharmacy
Adjunct Associate Professor
Tufts University School of Medicine

Todd Dorman, MD

Associate Dean and Director
Vice Chair, Critical Care
Associate Professor
Department of Anesthesiology/
Critical Care Medicine/Surgery
The Johns Hopkins University School of
Medicine

David J. Dries, MSE, MD

Assistant Medical Director for Surgical Care
Health Partners Medical Group, Regions
Hospital
Professor of Surgery and Anesthesiology
University of Minnesota

Jay L. Falk, MD, FCCM

Clinical Professor of Medicine and
Emergency Medicine
University of Florida College of Medicine
Vice-President, Medical Education
Orlando Regional Healthcare

CRITICAL CARE MEDICINE EDITORIAL BOARD MEMBERS

- J. Christopher Farmer, MD**
Professor of Medicine
Consultant in Critical Care Medicine
Mayo Clinic, Rochester
- Laurent G. Gance, MD**
Vice Chairman for Research
Associate Professor
Department of Anesthesiology
University of Rochester School of Medicine
- Roy D. Goldfarb, PhD**
Professor
Department of Medicine
Robert Wood Johnson
School of Medicine and Cooper University Hospital
- A. B. J. Groeneveld, MD, PhD**
Professor of Intensive Care
Academisch Ziekenhuis
Vrije Universiteit
- Jesse Hall, MD**
Professor of Medicine, Anesthesia and Critical Care
University of Chicago Hospitals
The Pritzker School of Medicine
- Neil A. Halpern, MD, FCCM**
Professor, Anesthesiology and Medicine
Weill Medical College of Cornell University
Chief, Critical Care Medicine
Memorial Sloan Kettering Cancer Center
- Maureen Harvey, RN, MPH, FCCM**
Glenbrook, NV
- Mark A. Helfaer, MD, FCCM**
Chief, Critical Care Medicine
Endowed Chair, Critical Care Medicine
Children's Hospital of Philadelphia
Professor, Anesthesia
University of Pennsylvania School of Medicine
- Thomas L. Higgins, MD, FCCM**
Professor of Medicine and Surgery
Tufts University School of Medicine
Chief, Critical Care Division
Baystate Medical Center
- Steven M. Hollenberg, MD, FCCM**
Professor of Medicine
Robert Wood Johnson Medical School/UMDNJ
- Judith Jacobi, PharmD, FCCM, BCPS**
Critical Pharmacy Specialist
Indiana University Health Methodist Hospital
- Robert M. Kacmarek, PhD, FCCM**
Professor of Anesthesiology
Harvard Medical School
Director of Respiratory Care
Massachusetts General Hospital
- Sandra L. Kane-Gill, PharmD, MSc, FCCM**
Associate Professor, Department of Pharmacy and Therapeutics
School of Pharmacy, University of Pittsburgh
Critical Care Specialist, Center for Pharmoinformatics and Outcomes Research
Critical Care Patient Safety Officer, University of Pittsburgh Medical Center
- Niranjan Kisson, MD**
Professor, Pediatrics and Emergency Medicine
University of British Columbia
- Ruth Kleinpell, RN, FAAN, FCCM**
Professor, Rush University College of Nursing
Teacher-Practitioner, Rush University Medical Center
Nurse Practitioner, Our Lady of the Resurrection
- Marin H. Kollef, MD**
Professor of Medicine
Division of Pulmonary and Critical Care Medicine
Washington University School of Medicine
Director, Medical Intensive Care Unit
Director, Respiratory Care Services
Barnes-Jewish Hospital
- George C. Kramer, PhD**
Professor, Department of Anesthesiology & Physiology
University of Texas Medical Branch
- Stephen F. Lowry, MD**
Professor and Chairman, Department of Surgery
UMDNJ Robert Wood Johnson Medical School
- John J. Marini, MD**
Professor, Medicine
University of Minnesota—St. Paul
- Stanley A. Nasraway, MD, FCCM**
Professor of Surgery, Medicine and Anesthesia
Tufts University School of Medicine
Director, Surgical Intensive Care Units
Tufts-New England Medical Center
- Michael S. Niederman, MD, FCCM**
Professor of Medicine
SUNY Stony Brook
Chairman, Department of Medicine
Winthrop-University Hospital
- John M. Oropello, MD, FCCM**
Professor of Surgery and Medicine
Mount Sinai School of Medicine
- Luis Ostrosky-Zeichner, MD, FCCM**
Associate Professor of Medicine and Epidemiology
University of Texas Medical School of Houston
Medical Director for Epidemiology
Memorial Hermann Texas Medical Center
- Robert I. Parker, MD**
Professor and Vice Chairman for Academic Affairs
Director, Pediatric Hematology/Oncology
Department of Pediatrics
Associate Director, Stony Brook University Cancer Center
State University of New York at Stony Brook School of Medicine
- David T. Porembka, DO, FCCM**
Professor, Anesthesia, Surgery, and Internal Medicine (Cardiology)
Associate Director of Surgical Intensive Care
Director of Perioperative Echocardiology
University of Cincinnati Medical Center
- Kenneth G. Proctor, PhD**
Professor of Surgery and Anesthesiology
University of Miami School of Medicine
- Richard A. Proctor, MD**
Professor, Medicine and Medical Microbiology/Immunology
University of Wisconsin—Madison Medical School
- Stanley H. Rosenbaum, MD**
Professor, Anesthesiology, Medicine, and Surgery
Yale University School of Medicine
- Richard H. Savel, MD, FCCM**
Associate Professor of Clinical Medicine and Neurology
Albert Einstein College of Medicine
Montefiore Medical Center
- Andrew Shorr, MD**
Associate Professor of Medicine
Washington Hospital Center
- Mark D. Siegel, MD**
Director, Medical Critical Care
Yale-New Haven Hospital
Associate Professor, Pulmonary & Critical Care
Yale School of Medicine
- Zoltan Spolarics, MD, PhD**
Professor
Department of Surgery
UMDNJ Medical School
- Charles L. Sprung, MD, JD, FCCM**
Professor of Medicine and Critical Care Medicine
Hadassah Hebrew University Medical Center
- Paul Steendijk, PhD**
Associate Professor
Department of Cardiology
Leiden University Medical Center
- Wolfgang Stuedel, MD**
Newton, Massachusetts
- Daniel Talmor, MD, FCCM**
Beth Israel Deaconess Medical Center
Harvard Medical Center
- Wanchun Tang, MD, FCCM**
Professor, President, and Chief Scientific Officer
Weil Institute of Critical Care Medicine
Keck School of Medicine of the University of Southern California
- Richard Teplick, MD**
Mobile, Alabama
- Samuel Tisherman, MD, FCCM**
Professor
Departments of Critical Care Medicine and Surgery
University of Pittsburgh School of Medicine
- Antoni Torres, MD**
Professor of Medicine
University of Barcelona
Chief of Respiratory Critical Care Unit, Pulmonary Department
Hospital Clinic of Barcelona
- Daniel L. Traber, PhD, FCCM**
Charles R. Allen Professor of Anesthesiology
Professor, Anesthesiology, Physiology, and Biophysics
University of Texas Medical Branch at Galveston
- Paul M. Vespa, MD, FCCM**
Director of Neurocritical Care
Professor of Neurosurgery and Neurology
UCLA Geffen School of Medicine
- Robert J. Weber, PharmD, MS, BCPS, FASHP**
Executive Director of Pharmacy
University of Pittsburgh Medical Center
Associate Professor and Chair
Department of Pharmacy and Therapeutics
University of Pittsburgh School of Pharmacy
- Robert A. Weinstein, MD**
Interim Chairman, Department of Medicine
John Stager Hospital of Cook County
Chief Operating Officer
Ruth M. Rothstein CORE Center
The C. Anderson Hedberg, MD
Professor of Internal Medicine
Rush Medical College
- Lawrence S. Weisberg, MD**
Professor of Medicine
UMDNJ—Robert Wood Johnson Medical School
in Camden
- Michael A. West, MD, PhD, FCCM**
Professor of Surgery
Northwestern University Feinberg School of Medicine
- Martin Westphal, MD, PhD**
Department of Anesthesiology and Intensive Care
University of Muenster, Germany
- Marya Zilberberg, MD, MPH, FCCM**
Adjust Associate Professor of Biostatistics and Epidemiology
School of Public Health and Health Sciences
University of Massachusetts

EDITORIAL OFFICE

Managing Editor: Sophie M. Tosta
Director of Publications: Lynn J. Relford
Editorial Assistants: Heather Haemker, Kyleigh Vrettos
Editorial Associates: Lin Rizzuto, Delphine Sayeed

SCCM, 500 Midway Drive, Mount Prospect, IL 60056. Phone: (847) 827-6869; Fax: (847) 827-6886; E-mail: journals@sccm.org
www.sccm.org