

AMERICAN JOURNAL OF
**DISASTER
MEDICINE**
Clinical Research and Practical Application of Mass Casualty Medicine

Editor-in-Chief, Susan M. Briggs, MD, MPH

Associate Professor of Surgery, Harvard Medical School

Director, International Trauma and Disaster Institute, Massachusetts General Hospital, Boston, MA

EDITORIAL REVIEW BOARD

Roy L. Alson, PhD, MD, FACEP, FAAEM, Associate Professor of Emergency Management, Wake Forest University School of Medicine, Winston-Salem, NC

Donald W. Alves, MD, MS, FAAEM, FACEP, Assistant Professor, Department of Emergency Management, Department of Surgery Fellowship Director, Emergency Medical Services, University of Maryland School of Medicine, Baltimore, MD

David C. Balch
Chief Executive Officer, DCB Consulting, LLC, Greenville, NC

David P. Blake, MD, MPH, FACS, DMCC, Colonel (Ret), USAF, Medical Corps; Attending Surgeon, Inova Fairfax Medical Group/Inova Fairfax Medical Campus, Falls Church, VA; Clinical Associate Professor of Surgery, F. Edward Hebert School of Medicine, Uniformed Services University of the Health Sciences, Bethesda, MD

Stuart Andrew Bradin, DO
Clinical Professor, Pediatrics and Emergency Medicine; Assistant Medical Director, Pediatric Patients, Survival Flight, Michigan Medicine Department of Emergency Medicine-Children's Emergency Services, Ann Arbor, MI

Leopoldo Carlos Cancio, MD, FACS
Colonel (ret.), Medical Corps, US Army; Director, US Army Burn Center, San Antonio, TX

George W. Contreras, DrPH(c), MEP, MPH, MS, CEM, EMTP, Assistant Director, Center for Disaster Medicine; Assistant Professor, Institute of Public Health, at New York Medical College; Adjunct Associate Professor, John Jay College; Adjunct Professor, Metropolitan College of New York, New York, NY

Angela P. Cornelius, MD, FACEP, Governor's EMS and Trauma Advisory Council Disaster Committee; John Peter Smith Fort Worth Emergency Medicine Residency Core Faculty; Caddo Fire District 8 Medical Director; Caddo Fire District 1 Co-Medical Director; North Caddo Emergency Medical Services Co-Medical Director; Health and Human Services Air Evacuation Disaster Critical Care Air Transport Team (NDMS), Fort Worth, TX

Christopher Crabtree, DrPH, Emergency Management Specialist, National Disaster Medical System, Division of Readiness, Office of the Assistant for Preparedness and Response, US Department of Health and Human Services, Washington, DC

Christopher M. Dodgion MD, MSPH, MBA, Assistant Professor; Associate Trauma Medical Director, Department of Surgery, Division of Trauma/Critical Care, Medical College of Wisconsin, Milwaukee, WI

Bernd D. Domres, MD
Professor Dr. Med. Dr. H.C. (UMM), President, German Association for Catastrophic Medicine, Tübingen, Germany

Richard Joseph Ehrlichman, MD
Assistant Surgeon, Division of Plastic and Reconstructive Surgery, Massachusetts General Hospital, Boston, MA

Adam D. Fox, DPM, DO, FACS
Assistant Professor of Surgery, University of Medicine and Dentistry, New Jersey Medical School, Newark, NJ

Donald E. Fry, MD
Executive Vice President, Michael Pine and Associates, Chicago, IL

Richard Garfield, RN, DrPH
Professor of Clinical International Nursing, Columbia University, New York, NY

Edward E. George, MD, PhD
Medical Director, Post Anesthesia Care Units, Assistant in Anesthesia, Department of Anesthesia and Critical Care, Massachusetts General Hospital, Boston, MA

Robyn R. M. Gershon, MHS, DrPH
Professor, Department of Epidemiology & Biostatistics, Philip R Lee Institute of Health Policy Studies, University of California San Francisco, San Francisco, CA

Edbert B. Hsu, MD, MPH
Assistant Professor, Department of Emergency Management, Director of Training, Office of Critical Event Preparedness and Response, The Johns Hopkins University Medical Institutions, Baltimore, MD

Lenworth M. Jacobs, MD, MPH, FACS
Director, Trauma and Emergency Medicine, Hartford Hospital; Trauma Director, Connecticut Children's Medical Center, Hartford, CT

Donald Jenkins, MD
Associate Professor of Surgery, College of Medicine, Mayo Clinic, Rochester, MN

Anthony E. Johnson, MD, FACS, FAOA
Associate Professor, Department of Surgery & Perioperative Care, Dell Medical School, University of Texas at Austin, Austin, TX

Thomas P. Johnston, BS, MPH
Radiation Safety Officer, New York Medical College, Valhalla, NY

Craig L. Katz, MD
Assistant Professor, Department of Psychiatry, Mount Sinai School of Medicine; Vice-President and Co-Founder, Disaster Psychiatry Outreach, New York, NY

EDITORIAL REVIEW BOARD CONTINUED

Mark E. Keim, MD

Senior Science Advisor, Centers for Disease Control and Prevention, Atlanta, GA

Thomas D. Kirsch, MD, MPH, FACEP, Professor and Director, National Center for Disaster Medicine and Public Health, Uniformed Services University, Bethesda, MD

Kelly R. Klein, MD

Assistant Professor, Division of Emergency Medicine, Department of Surgery, UT Southwestern Medical Center at Dallas, Dallas, TX

Gerald Joseph Kost, MD, PhD, MS, FACB, Professor, Pathology & Laboratory Medicine; Director, UC Davis Point-of-Care Technologies, University of California, Davis, CA

Richard C. Larson, PhD

Mitsui Professor, Department of Civil and Environmental Engineering, Massachusetts Institute of Technology, Cambridge, MA

Jarone Lee, MD, MPH

Assistant Professor, Harvard Medical School; Quality Director, Surgical Critical Care; Departments of Surgery and Emergency Medicine, Massachusetts General Hospital, Boston, MA

Sten Lennquist, MD, PhD

Professor Emeritus, Department of Surgery, University of Linköping Sweden, Söderköping, Sweden

Craig H. Llewellyn, MD, MPH

Emeritus Professor/Director and Special Consultant, Center for Disease and Humanitarian Assistance Medicine, Department of Military and Emergency Medicine, F. Edward Hébert School of Medicine, Uniformed Services University of the Health Sciences, Bethesda, MD

Rémy Michel, MD, MPH

Chief, Epidemiological Research Unit, Department of Epidemiology and Public Health, IMTSSA, Marseille, France

Rafael Montecino, MD

General Surgeon, Hand Surgeon, Critical Care, Surgical Affiliates Management Group, Kansas City, MO

Joseph L. Nates, MD, MBA, HCA, FCCM

Professor, Deputy Chair, ICU Medical Director, MD Anderson Cancer Center, University of Texas, Houston, TX

Brett D. Nelson, MD, MPH, DTM&H

Division of Pediatric Global Health, Department of Pediatrics, Massachusetts General Hospital, Harvard Medical School, Boston, MA

Karen Olness, MD

Director, Rainbow Babies & Children's Hospital, Cleveland, OH

John B. Osborn, MSc

Assistant Professor of Health Care Systems Engineering, College of Medicine, Operations Administrator, Mayo Clinic, Rochester, MN

Gerd Daniel Pust, MD, FACS

Assistant Professor of Surgery, Department of Surgery, University of Miami Miller School of Medicine, Miami, FL

Kyle N. Remick, MD, FACS

Colonel (Ret.), US Army, Professor of Surgery, Uniformed Services University of the Health Sciences, Bethesda, MD

Jane V. E. Richter, DrPH, MSN, MA, CHES retired

Co-Principal Investigator, NIH Grant Validating Triage for Mass Casualty Incidents, University of South Carolina College of Nursing, Columbia, SC

Jason R. Roosa, MD, MS

Emergency Department, Exempla Lutheran Medical Center, Wheat Ridge, CO

Marc S. Rosenthal, MD, PhD, DO, FACEP

Assistant Professor, Department of Emergency Medicine, Sinai-Grace Hospital-DMC, Wayne State University, Detroit, MI

Christopher Sanford, MD, MPH, DTM&H

Associate Professor, Department of Family Medicine, University of Washington, Seattle, WA

Mehmet S. Sever, MD

Istanbul University, School of Medicine, Istanbul, Turkey

Jacob Sosna, MD

Chief Medical Officer, Armor Division, Major, Israel Defense Forces, Rishon Le-Zion, Israel

Col. (ret) Boaz Tadmor, MD

Academic Moderator, Multidisciplinary Program for Emergency and Disaster Studies, Tel-Aviv; University of Public Health, Tel-Aviv, Israel

Jeffrey S. Upperman, MD, FACS, FAAP

Associate Professor of Surgery, Pediatric Surgery, Childrens Hospital Los Angeles, Los Angeles, CA

Robert J. Ursano, MD

Professor, Department of Psychiatry; Director, Center for the Study of Traumatic Stress, Uniformed Services University, Bethesda, MD

Richard Zoraster, MD, MPH

Disaster Devison, Los Angeles County Emergency Medical Services Agency, Los Angeles, CA