



Contributors

Neel Anand, M.D., Mch.Orth.

Director, Spine Trauma, Institute for Spinal Disorders, Cedars-Sinai Medical Center, Los Angeles, California

Ronald J. Aronoff, M.D.

General Laparoscopic Surgery, Medical City Dallas, Dallas, Texas

†Rohinton K. Balsara, M.D., F.A.C.C.P.

Professor of Surgery and Pediatrics, Department of Pediatric Cardio-Thoracic Surgery, Temple University Children's Hospital; Professor of Surgery and Pediatrics, Department of Pediatric Cardio-Thoracic Surgery, Shriner's Hospital, Philadelphia, Pennsylvania

Qi-Bin Bao, Ph.D.

Vice President, Spine Development Pioneer Surgical Technology, Inc., Marquette, Michigan

Rudolf Beisse, M.D.

Head Surgeon, Departments of General Surgery and Trauma Surgery, BG Unfallklinik Murnau, Germany

Randal R. Betz, M.D.

Professor, Department of Orthopaedic Surgery, Temple University Hospital and School of Medicine; Chief of Staff, Shriner's Hospital for Children, Philadelphia, Pennsylvania

Fred Brody, M.D.

Associate Professor of Surgery, Department of General Surgery, The George Washington University Hospital, Washington, DC

H. Ulrich Bueff, M.D.

Department of Orthopedics, Kaiser Sacramento Spine Center, Sacramento, California

David H. Clements III, M.D.

Associate Professor, Department of Orthopaedic Surgery, Temple University Hospital, Philadelphia, Pennsylvania

Alvin H. Crawford, M.D.

Professor of Orthopaedic Surgery and Pediatrics, University of Cincinnati; Director, Department of Orthopaedic Surgery, Cincinnati Children's Hospital, Cincinnati, Ohio

Curtis A. Dickman, M.D.

Director of Spinal Research and Associate Chief of Spinal Neurosurgery, Department of Neurosurgery, Barrow Neurological Institute, Phoenix, Arizona

Atiq Durrani, M.D.

Resident, Department of Orthopaedic Surgery, University of Cincinnati, Cincinnati, Ohio

Janos P. Ertl, M.D.

Department of Orthopedics, Kaiser Sacramento Spine Center, Sacramento, California; Associate Clinical Professor, Department of Orthopedics, University of California, Davis, California

†Deceased.

Richard G. Fessler, M.D., Ph.D.

John Harper Seeley Professor and Chief, Section of Neurosurgery, University of Chicago, Chicago, Illinois

James M. Giuffre, B.A.

Director of Research, International Spinal Development and Research Foundation, Las Vegas, Nevada

Robert E. Isaacs, M.D.

Head, Section of Minimally Invasive Spine Surgery, Cleveland Clinic Florida Spine Institute, Cleveland Clinic Florida, Weston, Florida

Tae-Ahn Jahng, M.D., Ph.D.

Associate Professor, Department of Neurosurgery, Wonkwang University School of Medicine; Director, Spinal Neurosurgery, Department of Neurosurgery, Wonkwang University Medical Center, Iksan Chonbuk, South Korea

Daniel H. Kim, M.D.

Associate Professor of Neurosurgery; Director of Spinal Neurosurgery and Reconstructive Peripheral Nerve Surgery; Associate Professor of Neurosurgery, Department of Neurosurgery, Stanford University Medical Center, Stanford, California

Lawrence G. Lenke, M.D.

Jerome J. Gilden Professor, Department of Orthopaedic Surgery, Washington University School of Medicine, St. Louis, Missouri

Isador H. Lieberman, B.Sc., M.D., M.B.A., F.R.C.S.(C)

Orthopaedic and Spinal Surgeon, Cleveland Clinic Spine Institute, Departments of Orthopaedics and Neurosurgery, The Cleveland Clinic Foundation, Cleveland, Ohio

Dimitrius E.M. Litwin, M.D.

Associate Professor, Department of Surgery, University of Massachusetts Medical School; Vice-Chairman, Department of Surgery, University of Massachusetts Memorial Health Care, Worcester, Massachusetts

Leonardo J. Lozada, M.D.

Chairman, Department of Anesthesiology, Eastern Maine Medical Center, Bangor, Maine

Michael J. Mack, M.D.

Assistant Clinical Professor, Department of Thoracic Surgery, University of Texas Southwestern Medical Center; Attending Surgeon, Cardiothoracic Surgery, Medical City Dallas Hospital, Dallas, Texas

Marc I. Malberg, M.D.

Associate Clinical Professor, Department of Orthopaedic Surgery, University of Medicine and Dentistry of New Jersey—Robert Wood Johnson Medical School, New Brunswick, New Jersey

James H. Maxwell, M.D.

Medical Director, Scottsdale Spine Care, Scottsdale, Arizona

Paul C. McAfee, M.D.

Chief of Spine Surgery, St. Joseph's Hospital, Baltimore, Maryland

Anthony D. McBride, M.D.

Regional Orthopaedic Healthcare, Mountain Home, Arkansas

Peter O. Newton, M.D.

Associate Clinical Professor, Department of Orthopaedics, University of California, San Diego; Director, Scoliosis Service, Children's Hospital and Health Center, San Diego, California

Larry M. Parker, M.D.

Sportsmed Orthopaedic Surgery and Spine Center, Huntsville, Alabama

Edward H. Phillips, M.D.

Director, Center for Minimally Invasive Surgery, Cedars-Sinai Medical Center; Associate Clinical Professor, Department of Surgery, University of Southern California, Los Angeles, California

George D. Picetti III, M.D.

Chief of Spine Surgery, Department of Orthopedics, Kaiser Sacramento Spine Center; Associate Clinical Professor, Department of Orthopedics, University of California San Francisco, San Francisco, California

Michael Potulski, M.D.

Chief Staff Surgeon, Spine Surgery and Paraplegiology, BG Traumacenter Murnau, Murnau, Bavaria, Germany

John J. Regan, M.D.

Medical Director, Cedars-Sinai Institute for Spinal Disorders, Cedars-Sinai Medical Center, Los Angeles, California

Mark A. Reiley, M.D.

Orthopedic Consultant, Department of Orthopedic Surgery, University of California Berkeley; Orthopedic Surgeon, Department of Orthopedic Surgery, Alta Bates Hospital, Berkeley, California

John M. Rhee, M.D.

Assistant Professor, Department of Orthopaedic Surgery, The Emory Spine Center, Emory University School of Medicine, Atlanta, Georgia

K. Daniel Riew, M.D.

Associate Professor and Chief, Cervical Spine Surgery, Department of Orthopaedic Surgery, Washington University School of Medicine, St. Louis, Missouri

John R. Romanelli, M.D.

Fellow, Laparoscopic Surgery, Department of EndoSurgery, University of Massachusetts Medical School, Worcester, Massachusetts; Department of Surgery, Jersey Shore Medical Center, Neptune, New Jersey; Department of Surgery, Monmouth Medical Center, Long Branch, New Jersey

Jeffrey A. Saal, M.D.

Associate Clinical Professor, Department of Functional Restoration, Stanford University School of Medicine, Stanford, California

Joel S. Saal, M.D.

Assistant Clinical Professor, Department of Functional Restoration, Stanford University School of Medicine, Stanford, California

Faheem A. Sandhu, M.D., Ph.D.

Spine Fellow, Department of Neurosurgery, University of Chicago, Chicago, Illinois

John S. Thalgott, M.D.

Clinical Director, International Spinal Development and Research Foundation; Associate Professor, Department of Orthopedic Surgery, University of Nevada School of Medicine, Las Vegas, Nevada

David S. Thoman, M.D.

Lieutenant Commander, Medical Corps, U.S. Navy, Department of General Surgery, Naval Medical Center, San Diego, California

Alan T. Villavicencio, M.D.

Director of Neurosurgery, Longmont United Hospital, Longmont, Colorado; and Co-Director of Neurosurgery, Boulder Community Hospital, Boulder, Colorado

Jed S. Vanichkachorn, M.D.

Tuckahoe Orthopaedic Associates, Ltd., Richmond, Virginia

Anthony T. Yeung, M.D.

Arizona Institute for Minimally Invasive Spine Care, Phoenix, Arizona

Hansen A. Yuan, M.D.

Professor, Department of Orthopaedic and Neurological Surgery, State University of New York, Upstate Medical University, Syracuse, New York