



JAMDA

Journal of the American Medical Directors Association

LONG-TERM CARE: MANAGEMENT, APPLIED RESEARCH AND CLINICAL ISSUES

JAMDA, the official journal of the American Medical Directors Association, is a peer reviewed publication

EDITOR-IN-CHIEF

John E. Morley, MB, BCH
Saint Louis University Medical Center
Division of Geriatric Medicine
1402 S. Grand Boulevard, Room M238
St. Louis, MO 63104
Tel: (314) 977-8462
Fax: (314) 771-8575
E-mail: morley@slu.edu

ASSOCIATE EDITORS

David R. Thomas, MD, CMD
E-mail: thomasdr@slu.edu
Julie K. Gammack, MD
E-mail: gammackj@slu.edu

MANAGING EDITOR

Valerie Tanner
Saint Louis University School of Medicine
Division of Geriatric Medicine
1402 S. Grand Boulevard, Room M238
St. Louis, MO 63104
Tel: (314) 977-8464
Fax: (314) 771-8575
E-mail: tannerv@slu.edu

EDITOR EMERITUS

Dan Osterweil, MD, CMD

EDITORIAL BOARD

Steven M. Albert, PhD, MSPH, University of Pittsburgh Sch of Public Hlth, Pittsburgh, PA
Wilbert S. Aronow, MD, New York Medical College, New Rochelle, NY
Connie W. Bales, PhD, RD, Duke University Center for Aging, Durham, NC
Barbara M. Bates-Jensen, PhD, RN, UCLA Sch-Nurs/Med & VA Gr LA GRECC, Pasadena, CA
Manju T. Beier, PharmD, FASCP, Univ of Mich & Geriatric Consult Res LCC, Ann Arbor, MI
Dan G. Blazer, MD, PhD, Duke University Medical Center, Durham, NC
Gideon A. Caplan, MBBS, FRACP, Prince of Wales Hospital, Randwick, Australia
Matteo Cesari, MD, PhD, Catholic University of the Sacred Heart, Roma, Italy
Leung-Wing Chu, MBBS, FRCP, Univ of Hong Kong, Queen Mary Hosp, Hong Kong SAR
Dulce M. Cruz-Oliver, MD, Saint Louis University School of Medicine, St. Louis, MO
Lenise A. Cummings-Vaughn, MD, Saint Louis University School of Medicine, St. Louis, MO
Abhilash K. Desai, MD, Saint Louis University School of Medicine, St. Louis, MO
T. S. Dharamarajan, MD, FACP, AGSF, Montefiore MC, Bronx, NY & NY Med Col, Valhalla, NY
Jacob Dimant, MD, CMD, Lutheran Med Ctr & Lutheran Augustana Ctr, Brooklyn, NY
Lisette C.P.G.M. de Groot, MSc, PhD, Wageningen University, The Netherlands
Ligia J. Dominguez, MD, University of Palermo, Italy
Paul J. Drinka, MD, Wisconsin Veterans Home at King, WI
G. Paul Eleazer, MD, University of South Carolina School of Medicine, Columbia, SC
William J. Evans, MD, University of Arkansas, Little Rock, AR
Connie J. Evashwick, ScD, FACHE, Saint Louis Univ School of Public Health, St. Louis, MO
Luigi Ferrucci, PhD, MD, Nat'l Institute on Aging, NIH, & Harbor Hospital, Baltimore, MD
Joseph H. Flaherty, MD, Saint Louis University School of Medicine, St. Louis, MO
Radha Ramana Murthy Gokula, MD, CMD, University of Toledo, Toledo, OH
George T. Grossberg, MD, Saint Louis University School of Medicine, St. Louis, MO
Victor A. Hirth, MD, MHA, Univ of South Carolina & Palmetto Health, Columbia, SC
Paul R. Katz, MD, CMD, Monroe Community Hospital, Rochester, NY
Heather H. Keller, RD, PhD, University of Guelph, Ontario, Canada
Anne M. Kenny, MD, Univ Connecticut Hlth Ctr, Center on Aging, Farmington, CT
Reto W. Kressig, MD, University Hospital Basel, Geriatrics, Basel, Switzerland
Francesco Landi, MD, Catholic University of Sacred Heart, Rome, Italy
Larry Lawhorne, MD, Wright State University Boonshoft Sch Med, Geriatrics, Dayton, OH
Steven A. Levenson, MD, CMD, Baltimore, MD
Leslie S. Libow, MD, Jewish Home & Hospital & Life Care & Mt. Sinai Sch Med, New York, NY
Milta O. Little, DO, Saint Louis University Medical Center, St. Louis, MO
Jay S. Luxenberg, MD, Jewish Home, San Francisco, CA
Kenneth W. Lyles, MD, Duke University and VA Medical Center, Durham, NC
Edward R. Marcantonio, MD, SM, Harvard Univ & Beth Israel Deaconess Med Ctr, Boston, MA
Barbara J. Messinger-Rapport, MD, PhD, FACP, CMD, Cleveland Clinic, Cleveland, OH
Joseph G. Ouslander, MD, CMD, Institute for Quality Aging, Boca Raton, FL
Naushira Pandya, MD, CMD, Nova SE Univ Coll Osteopathic Med, Ft. Lauderdale, FL
Miguel A. Paniagua, MD, Saint Louis University School of Medicine, St. Louis, MO
Debra Parker Oliver, PhD, MSW, University of Missouri, Columbia, MO
Giuseppe Paolisso, MD, University of Naples, Napoli, Italy
Steven L. Phillips, MD, CMD, Geriatric Care of Nevada, Reno, NV
Kaisu H. Pitkälä, PhD, University of Helsinki, Vantaa, Finland
Marilyn J. Rantz, PhD, RN, FAAN, University of Missouri-Columbia, Columbia, MO
Mary Pat Rapp, DSN, Univ of Texas HSC-Houston & Geriatric Assoc of America, Houston, TX
Michael W. Rich, MD, Washington University School of Medicine, St. Louis, MO
Miriam B. Rodin, MD, PhD, CMD, Saint Louis University School of Medicine, St. Louis, MO
Laurence Z. Rubenstein, MD, MPH, VA Greater LA GRECC, Sepulveda, CA
Richard O. Schamp, MD, CMD, Saint Louis University School of Medicine, St. Louis, MO
Cornel C. Sieber, MD, Friedrich-Alexander-Univ Erlangen-Nürnberg, Nürnberg, Germany
Sandra F. Simmons, PhD, Vanderbilt University School of Medicine, Nashville, TN
Alan J. Sinclair, MSc, MD, FRCP, University of Bedfordshire, United Kingdom
Maria Fiatarone Singh, MD, University of Sydney, Lidcombe, Australia
Jay P. Slotkin, MD, MPH, AGSF, FACP, San Simeon by the Sound Ctr for Nursing & Rehab, Greenport, NY and SUNY at Stony Brook University, NY
David A. Smith, MD, FAAFP, CMD, Texas A & M Univ Coll Med, Brownwood, TX
Karl E. Steinberg, MD, CMD, Scripps Coastal Med Ctr, UCSD & Camp Pendleton, CA
Robert S. Tan, MD, MBA, Univ of Texas-Houston, Baylor College of Medicine, Houston, TX
Eric G. Tangalos, MD, CMD, Mayo Clinic, Rochester, MN
Nina Tumosa, PhD, VA-GRECC and Saint Louis University, St. Louis, MO
Bruno Vellas, MD, CHU Toulouse, Gerontologie Clinique, Toulouse, France
Ladislav Volicer, MD, PhD, FAAN, FGSA, Univ of So Florida Sch Aging Studies, Tampa, FL
Nancy T. Weintraub, MD, Gr LA VA Med Ctr, GRECC, UCLA Geffen Sch Med, Sepulveda, CA
Heidi K. White, MD, Duke U & Durham VA Medical Center GRECC, NC
Shing-shing Yeh, PhD, MD, Northport VA Medical Center, NY