



JOURNAL OF OSTEOPATHIC MEDICINE

AOA EDITOR IN CHIEF

Ross D. Zafonte, DO

*Spaulding Rehabilitation Hospital Harvard Medical School
Boston, Massachusetts*

EDITORIAL BOARD

BEHAVIORAL HEALTH

Section Editor: Eileen Ryan, DO

*The Ohio State University Wexner Medical Center
Columbus, Ohio*

Associate Editors:

Justin Faden, DO (*Philadelphia, Pennsylvania*)
R. Gregory Lande, DO (*Silver Spring, Maryland*)
Jed Magen, DO, MS (*East Lansing, Michigan*)
Stephen M. Scheinthal, DO, CS (*Mount Laurel, New Jersey*)

CARDIOPULMONARY MEDICINE

Section Editor: Kenneth J. Steier, DO, MBA, MPH

*Touro College of Osteopathic Medicine
Middletown, New York*

Associate Editors:

Olalekan Ogunsakin, MD, PhD, MBA, MPH (*New York, New York*)
Tanchun Wang, PhD (*Middletown, New York*)

MEDICAL EDUCATION

Section Editor: Nadege Dady, EdD

*Touro College of Osteopathic Medicine
New York, New York*

Associate Editor:

Albert H. O-Yurvati, DO, PhD (*Fort Worth, Texas*)

MUSCULOSKELETAL MEDICINE AND PAIN

Section Editor: Gene Tekmyster, DO

USC Keck School of Medicine Los Angeles, California

Associate Editors:

Mary E. Caldwell, DO (*Henrico, Virginia*)
Jonathan W. Lowery, PhD (*Indianapolis, Indiana*)
R. Dallin Thomas, DO, MPH, CAQSM (*Bethesda, Maryland*)

NEUROMUSCULOSKELETAL MEDICINE/OMT

Section Editor: Kimberly Wolf, DO

*Touro University California College of Osteopathic Medicine
Vallejo, California*

Associate Editor:

Sheldon C. Yao, DO (*Old Westbury, New York*)

OBSTETRICS AND GYNECOLOGY

Section Editor: Meaghan Nelsen, DO

*The University of North Texas Health Science Center
Fort Worth, Texas*

Associate Editors:

Kiran Kavipurapu, DO, JD, MPH (*San Francisco, California*)
Daniel J.S. Martingano, DO, PhD (*Rockaway, New York*)
DeEtte Vasques, DO (*Fort Worth, Texas*)

PEDIATRICS

Section Editor: Amanda Foster, DO

*Oklahoma State University
Tulsa, Oklahoma*

Associate Editors:

Michael A. Baxter, DO (*Tulsa, Oklahoma*)
Alissa Craft, DO, MBA (*Scottsdale, Arizona*)
Colony S. Fugate, DO (*Tulsa, Oklahoma*)
Tami Hendriks, DO (*Vallejo, California*)
Muhammad Waseem, MD, MS, CHSE-A (*Bronx, New York*)

PUBLIC HEALTH AND PRIMARY CARE

Section Editor: Elizabeth A. Beverly, PhD

*Ohio University Heritage College of Osteopathic Medicine
Athens, Ohio*

Section Editor: Kevin M. Pantalone, DO, ECNU

*Cleveland Clinic
Twinsburg, Ohio*

Associate Editors:

John Ashurst, DO, MSc (*Scottsdale, Arizona*)
Craig S. Boisvert, DO (*Lewisburg, West Virginia*)
John J. Dougherty, DO (*Provo, UT*)
Lisa M. Hodge, PhD (*Fort Worth, Texas*)
Kim Pfothenhauer, DO (*Vallejo, California*)

CME EDITOR

Alissa Craft, DO, MBA (*Scottsdale, Arizona*)

INTERNATIONAL ADVISORY BOARD

Yasir Rehman, MD, MsC, PhD (*Ontario, Canada*)

Cleofás Rodríguez Blanco, PhD, DO (*Madrid, Spain*)

Loic Treffel, DO, PhD (*Toulouse, France*)

**STUDENT, RESIDENT, AND FELLOW
ADVISORY BOARD**

Emily Chin, OMS IV, MBA, MHA (*Auburn, Alabama*)

Jantzen J. Faulkner, OMS II (*Tulsa, Oklahoma*)

Divakara Gouda, OMS I (*Stratford, New Jersey*)

Matthew Mayeda, OMS IV, MPH (*East Lansing, Michigan*)

AOA LEADERSHIP

President:

Teresa Hubka, DO

President-elect:

Robert Piccinini, DO

Chief Executive Officer:

Kathleen S. Creason, MBA

EDITORS IN CHIEF EMERITUS

Robert Orenstein, DO

Mayo Clinic

Phoenix, Arizona

Thomas Wesley Allen, DO, MPH

*Oklahoma State University Center for Health Sciences College of
Osteopathic Medicine*

Tulsa, Oklahoma

University of Oklahoma College of Medicine

Oklahoma City, Oklahoma

Gilbert E. D'Alonzo Jr, DO

Temple University School of Medicine

Philadelphia, Pennsylvania

EDITORIAL STAFF

Director:

Hunter Alexander

Please see the journal's homepage for Abstracting & Indexing Services information.

e-ISSN 2702-3648

EDITORIAL OFFICE Hunter Alexander, American Osteopathic Association, 142 E. Ontario St., Chicago, IL 60611-2864,
Email: editorial@osteopathic.org

PUBLISHER Walter de Gruyter GmbH, Berlin/Boston, Genthiner Straße 13, 10785 Berlin, Germany

JOURNAL MANAGER Ramprasad Anbazhagan, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany, Tel.: +44 7407004290,
Email: ramprasad.a@degruyter.com

ADVERTISEMENTS Email: anzeigen@degruyter.com

© 2025 Walter de Gruyter GmbH, Berlin/Boston

TYPESETTING TNQ Tech Private Limited, Chennai, India

Questions about General Product Safety Regulation: productsafety@degruyterbrill.com