

## SPECIAL REPORTS

### 414 **Joining Forces Initiative: Steps Toward Improved Care for Military Personnel**

Michael K. Murphy, DO

### 416 **Military Medicine Content in an Osteopathic Medical School's Curriculum**

Murray R. Berkowitz, DO, MA, MS, MPH

## ORIGINAL CONTRIBUTIONS

### 420 **Somatic Dysfunction and Its Association With Chronic Low Back Pain, Back-Specific Functioning, and General Health: Results From the OSTEOPATHIC Trial**

John C. Licciardone, DO, MS, MBA  
Cathleen M. Kearns, BA

The OSTEOPATHic Health outcomes In Chronic low back pain Trial (OSTEOPATHIC Trial) was a randomized controlled trial designed to study the effects of osteopathic manual treatment in managing chronic low back pain. In this article, the authors report the baseline prevalence of somatic dysfunction in patients with low back pain.

### 429 **Cervical Spine Bending: A Factor Confounding Whole Trunk and Lumbar Forward Bending Range of Motion**

William J. Brooks, DO; Michael M. Patterson, PhD; Ethan Wagner, DO; and Patrick Hardigan, PhD

Although knee bending is recognized as a potential confounding variable in forward bending studies, there is limited research on cervical spine bending as a confounding variable. The authors examine the role of cervical spine bending on the range of whole trunk and lumbar forward bending.

## ORIGINAL CONTRIBUTIONS (continued)

### 437 **Use of and Attitudes Toward Complementary and Alternative Medicine Among Osteopathic Medical Students**

Mehulkumar K. Kanadiya, MBBS, MPH  
Guy Klein, DO  
Jay H. Shubrook, Jr, DO

Complementary and alternative medicine (CAM) has evolved into a huge health care industry. Given the growth of CAM use, it is important for current and future osteopathic physicians to have a positive attitude toward and knowledge of CAM. The authors sought to determine osteopathic medical students' use of different CAM modalities and their attitudes toward CAM.

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## SPECIAL COMMUNICATION

### 447 A New Triadic Paradigm for Osteopathic Research in Real-World Settings

John C. Licciardone, DO, MS, MBA  
Cathleen M. Kearns, BA

There has been a long-standing need for evidence to support osteopathic medical practice. To help address this need, The Osteopathic Research Center recently developed a triadic paradigm for research consisting of the Consortium for Collaborative Osteopathic Research Development, its affiliated practice-based research network, and the patient-centered research fellowship program. The authors describe initial progress in establishing the paradigm.

## CASE REPORT

### 457 Osteopathic Manipulative Treatment to Resolve Head and Neck Pain After Tooth Extraction

Patricia M. Meyer, DO, MS  
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## About the Cover

John C. Licciardone, DO, MS, MBA, examines a patient with low back pain. Beginning on page 420, Dr Licciardone and Cathleen Kearns, BA, describe results from the OSTEOPATHic Health outcomes In Chronic low back pain Trial (OSTEOPATHIC Trial) regarding the baseline prevalence of somatic dysfunction in patients with low back pain. (Cover image courtesy of the University of North Texas Health Science Center.)

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