

## EVIDENCE-BASED CLINICAL REVIEW

### 709 Management of Primary Knee Osteoarthritis and Indications for Total Knee Arthroplasty for General Practitioners

Mike D. Van Manen, DO  
James Nace, DO  
Michael A. Mont, MD

As older adult and obese populations grow in the United States, physicians are likely to see an increase in patients with osteoarthritis (OA) of the knee. Although total knee arthroplasty (TKA) is a common treatment for patients with knee OA, nonoperative treatment options should be exhausted before TKA is considered. The authors look at the best nonoperative management options for knee OA, as well as surgical procedures that are less invasive than TKA.

## ORIGINAL CONTRIBUTIONS (continued)

### 726 Self-Reported Physical Health, Mental Health, and Comorbid Diseases Among Women With Irritable Bowel Syndrome, Fibromyalgia, or Both Compared With Healthy Control Respondents

Peter Przekop, DO, PhD; Mark G. Haviland, PhD;  
Yan Zhao, MD, PhD; Keiji Oda, MPH;  
Kelly R. Morton, PhD; and Gary E. Fraser, MD, PhD

To compare perceptions of irritable bowel syndrome (IBS), fibromyalgia (FM), and their co-occurrence, the authors used data from the Biopsychosocial Religion and Health Study survey, drawing on responses among women with IBS, FM, or both disorders (IBS plus FM) and a similarly aged control group with no IBS or FM. Survey questions focused on stressful life events, general physical and mental health, and general medical, pain, and psychiatric comorbidities.

*(continued on page 700)*

## ORIGINAL CONTRIBUTIONS

### 716 Bibliometric Measures and National Institutes of Health Funding at Colleges of Osteopathic Medicine, 2006-2010

Richard R. Suminski, PhD, MPH; Dean Hendrix, MLIS;  
Linda E. May, PhD; Jason A. Wasserman, PhD;  
and V. James Guillory, DO, MPH

Colleges of osteopathic medicine (COMs) have made several advances in research; however, COMs obtain less funding than their allopathic counterparts. Therefore, understanding the factors influencing the attainment of extramural funds at COMs is highly warranted. The authors considered select bibliometric measures at COMs from 2006 through 2010 to determine whether associations existed between these measures and the amount of National Institutes of Health research funds awarded to COMs in 2006 and 2010.

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## SPECIAL COMMUNICATION

### 738 Still Relevant: The Profession's Characteristics of Yesterday and Today

George Thomas, DO

This article transcribes the A.T. Still Memorial Lecture, delivered by the author on July 21, 2012, to the House of Delegates during the 2012 Annual Business Meeting of the American Osteopathic Association.

## CASE REPORT

### 743 A Novel Approach to the Diagnosis of Stress-Induced Cardiomyopathy

CPT Jered Haynor, DO, MC, USA  
LTC Christopher Colombo, MD, MC, USA  
LTC Sean Javaheri, DO, MC, USA



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Zeina Ghayad, DO  
Cindy Hou, DO, MBA

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Karen M. Estrine, DO

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## About the Cover

Beginning on page 709, Mike D. Van Manen, DO, and colleagues provide an osteopathic approach to the care of patients with osteoarthritis of the knee. The authors begin with a discussion of nonoperative treatment options, including both nonpharmaceutical and pharmaceutical choices, followed by operative treatment options, the last and most invasive of which is total knee arthroplasty.

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