

# Arthritis & Rheumatism

---

## Arthritis Care & Research

An Official Journal of the American College of Rheumatology  
www.arthritisrheumatismres.org and www.interscience.wiley.com

VOLUME 51

DECEMBER 15, 2004

NO. 6

---

### EDITORIALS

**871 What Work Changes Do People With Arthritis Make to Preserve Employment, and Are Such Changes Effective?**

Saralynn H. Allaire

**874 Focusing on Care Research: A Challenge and an Opportunity**

Linda C. Li, Catherine Backman, Claire Bombardier, Alison Hammond, Jackie Hill, Maura Iversen, Ingemar F. Petersson, Christina Stenström, and Theodora Vliet Vlieland

**877 Fury Over Sound**

Marnix van Holsbeeck

---

### ORIGINAL ARTICLES

#### *Childhood Health Assessment*

**881 Revised Versions of the Childhood Health Assessment Questionnaire (CHAQ) Are More Sensitive and Suffer Less From a Ceiling Effect**

Catherine Lam, Nancy Young, Jasvir Marwaha, Marjorie McLimont, and Brian M. Feldman

#### *Fibromyalgia*

**890 Six-Month and One-Year Followup of 23 Weeks of Aerobic Exercise for Individuals With Fibromyalgia**

S. E. Gowans, A. deHueck, S. Voss, A. Silaj, and S. E. Abbey

#### *Juvenile Rheumatoid Arthritis*

**899 Feasibility and Construct Validity of the Parent Willingness-To-Pay Technique for Children With Juvenile Idiopathic Arthritis**

Andrea C. Barron, Tsz-Leung Lee, Janalee Taylor, Terry Moore, Murray H. Passo, T. Brent Graham, Thomas A. Griffin, Alexei A. Grom, Daniel J. Lovell, and Hermine I. Brunner

#### *Occupational Medicine*

**909 Managing Arthritis and Employment: Making Arthritis-Related Work Changes as a Means of Adaptation**

Monique A. M. Gignac, Elizabeth M. Badley, Diane Lacaille, Cheryl C. Cott, Paul Adam, and Aslam H. Anis

(continued on next page)

**917 Content Comparison of Occupation-Based Instruments in Adult Rheumatology and Musculoskeletal Rehabilitation Based on the International Classification of Functioning, Disability and Health**

Tanja A. Stamm, Alarcos Cieza, Klaus P. Machold, Josef S. Smolen, and Gerold Stucki

*Osteoarthritis*

**925 Childhood-Onset Osteoarthritis, Tall Stature, and Sensorineural Hearing Loss Associated With Arg<sup>75</sup>-Cys Mutation in Procollagen Type II Gene (COL2A1)**

Tuija Löppönen, Jarmo Körkkö, Tuija Lundan, Ulpu Seppänen, Jaakko Ignatius, and Helena Kääriäinen

**933 Subject Retention and Adherence in a Randomized Placebo-Controlled Trial of a Disease-Modifying Osteoarthritis Drug**

Steven A. Mazzuca, Kenneth D. Brandt, Barry P. Katz, Kathleen A. Lane, John D. Bradley, Louis W. Heck, Steven T. Hugenberg, Susan Manzi, Larry W. Moreland, Chester V. Oddis, Thomas J. Schnitzer, Leena Sharma, Frederick Wolfe, and David E. Yocum

**941 Reports of Joint Instability in Knee Osteoarthritis: Its Prevalence and Relationship to Physical Function**

G. Kelley Fitzgerald, Sara R. Piva, and James J. Irrgang

*Rheumatoid Arthritis*

**947 Silver Ring Splints Improve Dexterity in Patients With Rheumatoid Arthritis**

Theo R. Zijlstra, Linda Heijnsdijk-Rouwenhorst, and Johannes J. Rasker

**952 Accuracy of Veterans Administration Databases for a Diagnosis of Rheumatoid Arthritis**

Jasvinder A. Singh, Aaron R. Holmgren, and Siamak Noorbaloochi

**958 Physical Self Perceptions of Women With Rheumatoid Arthritis**

Alasdair MacSween, Gillian Brydson, and Kenneth R. Fox

**964 Modeling the 5-Year Cost Effectiveness of Treatment Strategies Including Tumor Necrosis Factor-Blocking Agents and Leflunomide for Treating Rheumatoid Arthritis in the Netherlands**

Paco M. J. Welsing, Johan L. Severens, Margriet Hartman, Piet L. C. M. van Riel, and Roland F. J. M. Laan

*Sarcoidosis*

**974 Association of Peripheral Multifocal Choroiditis With Sarcoidosis: A Study of Thirty-Seven Patients**

S. Abad, V. Meyssonier, J. Allali, H. Gouya, A. L. Giraudet, D. Monnet, C. Parc, F. Tenenbaum, J. L. Alberini, S. Grabar, F. Pesce, F. Rollot, D. Sicard, R. Dhote, P. Blanche, and A. P. Brézin

*Systemic Lupus Erythematosus*

**983 Cardiac Risk Factor Awareness and Management in Patients With Systemic Lupus Erythematosus**

Karen H. Costenbader, Elizabeth Wright, Matthew H. Liang, and Elizabeth W. Karlson

- 989 Pregnancy, Cytokines, and Disease Activity in Systemic Lupus Erythematosus**  
Andrea Doria, Anna Ghirardello, Luca Iaccarino, Sandra Zampieri, Leonardo Punzi,  
Elena Tarricone, Amelia Ruffatti, Alberto Sulli, Pier Carlo Sarzi-Puttini,  
Pier Franca Gambari, and Maurizio Cutolo

- 996 Eligibility, Utilization, and Costs in a California Medicaid Lupus Population**  
Michael B. Nichol, Sheng Shi, Tara K. Knight, Daniel J. Wallace, and  
Michael H. Weisman

*Spondylarthropathy*

- 1004 Mental Health Status and Leisure-Time Physical Activity Contribute to Fatigue Intensity in Patients With Spondylarthropathy**  
Deborah Da Costa, Maria Dritsa, Angela Ring, and Mary-Ann Fitzcharles

*Total Joint Arthroplasty*

- 1009 Determinants of Discharge Destination Following Elective Total Hip Replacement**  
Paola de Pablo, Elena Losina, Charlotte B. Phillips, Anne H. Fossel,  
Nizar Mahomed, Elizabeth A. Lingard, and Jeffrey N. Katz

*Ultrasonography*

- 1018 Practice, Training, and Assessment Among Experts Performing Musculoskeletal Ultrasonography: Toward the Development of an International Consensus of Educational Standards for Ultrasonography for Rheumatologists**  
Andrew K. Brown, Philip J. O'Connor, Richard J. Wakefield, Trudie E. Roberts,  
Zunaid Karim, and Paul Emery

*Uric Acid Serum Levels*

- 1023 Beer, Liquor, and Wine Consumption and Serum Uric Acid Level: The Third National Health and Nutrition Examination Survey**  
Hyon K. Choi and Gary Curhan

---

*SPECIAL ARTICLE*

- 1030 Guidelines for Immunologic Laboratory Testing in the Rheumatic Diseases: Anti-Sm and Anti-RNP Antibody Tests**  
Elizabeth Benito-Garcia, Peter H. Schur, Robert Lahita, and the American College of  
Rheumatology Ad Hoc Committee on Immunologic Testing Guidelines

---

*REVIEW*

- 1045 Systematic Review of Rheumatoid Arthritis Patient Education**  
Robert P. Riemsma, Erik Taal, John R. Kirwan, and Johannes J. Rasker

---

*LETTERS TO THE EDITOR*

- 1060 Treatment of Polyarteritis Nodosa: Comment on the Article by Guillevin et al**  
Charles L. Christian

- 1061 Reply**  
Alfred Mahr, Loïc Guillevin, Pascal Cohen, for the French Vasculitis Study Group

**1062 Magnetic Resonance Imaging Depicts Mural Inflammation of the Temporal Artery in Giant Cell Arteritis**

T. A. Bley, O. Wieben, P. Vaith, D. Schmidt, N. A. Ghanem, and M. Langer

**1064 Reply**

Philip Seo and John H. Stone

---

**1065** *REVIEWERS 2004*

---

**1068** *VOLUME 51 TABLE OF CONTENTS*

---

**1086** *AUTHOR INDEX TO VOLUME 51 (2004)*

---

**1090** *SUBJECT INDEX TO VOLUME 51 (2004)*

**Cover image:** These are award-winning images of giant cell arteritis from the 2003 American College of Rheumatology slide contest. The left image is a photomicrograph of the aorta showing connective tissue elastic fibers in black and collagen fibers in red. There is transmural destruction on the left side of the specimen with an inflammatory process containing multinucleated giant cells and loss of elastic fibers (Verhoeff-van Gieson stain). The right image is a posteroanterior chest radiograph showing aneurysmal dilation of the ascending and descending thoracic aorta in a case of giant cell arteritis.

Submitted by Peter D. Kent, MD  
Trent Smith, MD  
Mayo Clinic, Rochester, Minnesota