Arthritis Care & Research

Aims and Scope

*Arthritis Care & Research* is an official journal of the American College of Rheumatology and the Association of Rheumatology Professionals, a division of the College. *Arthritis Care & Research* is a peer-reviewed journal that publishes both original research and review articles that promote excellence in the clinical practice of rheumatology. Relevant to the care of individuals with arthritis and related disorders, major topics are evidence-based practice studies, clinical problems, practice guidelines, health care economics, health care policy, educational, social, and public health issues, and future trends in rheumatology practice.

Volume 72, No. 2, February 2020
Special Article

Special Themed Articles: Rheumatology Registries, Big Data, and the Rheumatic Diseases
Editorial: Reimagining Rheumatology: Big Data and the Future of Clinical Practice and Research
Jinoos Yazdany and Marian T. Hannan................................................................. 163

Do Patients With Moderate or High Disease Activity Escalate Rheumatoid Arthritis Therapy According to Treat-to-Target Principles? Results From the Rheumatology Informatics System for Eff ectiveness of the American College of Rheumatology
Hufeng Yun, Long Chen, Fenglong Xie, Himanshu Patel, Natalie Boytsov, Xiang Zhang, and Jeffrey R. Curtis ......................... 166

Association of Seropositivity and Mortality in Rheumatoid Arthritis and the Impact of Treatment With Disease-Modifying Antirheumatic Drugs: Results From a Real-World Study
Evo Alemao, Ying Bao, Michael E. Weinblatt, and Nancy Shadick........................................................................... 176

Samannaz S. Khaja, Gustavo J. Almeida, and Janet K. Freburger ................................................................. 184

Disease Burden of Patients With Osteoarthritis: Results of a Cross-Sectional Survey Linked to Claims Data
Johanna Callhoff, Katinka Albrecht, Imke Redeker, Toni Lange, Jens Goronzy, Klaus-Peter Günther, Angela Zink, Jochen Schmitt, Joachim Saam, and Anne Postler ........................................................................................................ 193

Education, Home Exercise, and Supervised Exercise for People With Hip and Knee Osteoarthritis As Part of a Nationwide Implementation Program: Data From the Better Management of Patients With Osteoarthritis Registry
Andrea D’Ellisiola, Thérèse Jonsson, Jonas Ranstam, Leif E. Dahlberg, and Eva Ekvall Hansson ........................................... 201

Impact of the Affordable Care Act Medicaid Expansion on Access to Care and Hospitalization Charges for Lupus Patients
Elizabeth A. Brown, Clara E. Dismuke-Greer, Viswanathan Ramakrishnan, Trevor D. Faith, and Edith M. Williams .................. 208

Hormonal Dependence and Cancer in Systemic Lupus Erythematosus

Time to Lupus Low Disease Activity State in the Hopkins Lupus Cohort: Role of African American Ethnicity
Hakan Bobaoglu, Jessica Li, Daniel Goldman, Laurence S. Magder, and Michelle Petri ................................................................. 225

Accelerating Medicines Partnership: Organizational Structure and Preliminary Data From the Phase 1 Studies of Lupus Nephritis
Paul Hoover, Evan Der, Celine C. Berthier, Arnon Arazi, James A. Lederer, Judith A. James, Jill Buyon, Michelle Petri, H. Michael Belmont, Peter Izmirly, David Wofsy, Nir Hacohen, Betty Diamond, Chaum Putterman, and Anne Davidson ............ 233

Defining Depression and Anxiety in Individuals With Rheumatic Diseases Using Administrative Health Databases: A Systematic Review
Alyssa Howren, J. Antonio Aviña-Zubieta, Joseph H. Puyat, John M. Esdaile, Deborah Da Costa, and Mary A. De Vera ............. 243
Mediation of Adverse Pregnancy Outcomes in Autoimmune Conditions by Pregnancy Complications:
A Mediation Analysis of Autoimmune Conditions and Adverse Pregnancy Outcomes
Gretchen Bandoli, Namrata Singh, Jennifer Strouse, Rebecca J. Boer, Brittney M. Donovan, Sky K. Feuer,
Nichole Nidey, Kelli K. Ryckman, Laura L. Jelliffe-Pawlowski, and Christina D. Chambers................................................................. 256

Growth and Puberty in Juvenile Dermatomyositis: A Longitudinal Cohort Study
Ellen Nordal, Angela Pistorio, Marite Rygg, Gabriella Giancane, Mohamad Maghnie, Natascia Di Iorgi,
Kristina Flemming, Michael Hofer, Jose A. Melo-Gomes, Blanca E. R. G. Bica, Jurgen Brunner, Gunther Dannecker,
Valeria Gerloni, Miroslav Harjacek, Hans-Iko Huppertz, Polyxeni Pratsidou-Gertsu, Susan Nielsen, Valda Stanevicha,
Rebecca Ten Cate, Olga Vougiouka, Serena Pastore, Gabriele Simonini, Angelo Ravelli, Alberto Martini, and
Nicolino Ruperto ........................................................................................................................................................................................ 265

Rheumatoid Arthritis
Reduction in Upper Limb Joint Surgery Among Rheumatoid Arthritis Patients: An Interrupted Time-Series
Analysis Using Danish Health Care Registers
René Cordtz, Samuel Hawley, Daniel Prieto-Alhambra, Pil Haigaard, Kristian Zobbe, Lars Erik Kristensen,
Søren Overgaard, Anders Odgaard, Bolette Gylden Soussi, and Lene Dreyer .................................................................................... 274

Three Quality Improvement Initiatives and Performance of Rheumatoid Arthritis Disease Activity Measures in
Electronic Health Records: Results From an Interrupted Time-Series Study
Julie Gandrup, Jing Li, Zara Izadi, Milena Gianfrancesco, Torkell Ellingsen, Jinoos Yazdany, and Gabriela Schmajuk ............... 283

ARP Announcements ............................................................................................................................................................................ A15

Cover image: The figure on the cover (from Yun et al, Supplementary Figure 1, available on the Arthritis Care & Research web site at http://onlinelibrary.wiley.com/doi/10.1002/acr.24083/abstract) shows a partial study design using the RISE registry of ≥1 rheumatology visit with a valid rheumatoid arthritis disease activity measure, ≥1 previous visit with same disease activity measure, and ≥1 RISE follow-up visit with the disease activity measurement.