



# The Journal of Rheumatology

VOLUME 48: NO. 8

jrheum.org

AUGUST 2021

## Editorials

- Why Do Patients With Systemic Lupus Erythematosus Suffer Pain?**  
*Anisur Rahman* . . . . . 1195
- Transition Between Treatments: What We Need to Know**  
*Kirsten Minden, Jens Klotsche* . . . . . 1198
- The COVID-19 Vaccine Landscape: What a Rheumatologist Needs to Know**  
*Katie Bechman, Mrinalini Dey, Mark Yates, Marwan Bukhari, Kevin Winthrop, James B. Galloway* . . . . . 1201
- Rethinking Physical Activity Promotion During the COVID-19 Pandemic: Focus on a 24-hour Day**  
*Linda C. Li, Lynne M. Feehan, Alison M. Hoens* . . . . . 1205

## Review

- Nail Psoriasis: Diagnosis, Assessment, Treatment Options, and Unmet Clinical Needs**  
*Gurjit S. Kaeley, Lihi Eder, Sibel Zehra Aydin, Phoebe Rich, Catherine J. Bakewell* . . . . . 1208

## Rheumatoid Arthritis

- Impact of Comorbid Conditions on Healthcare Expenditure and Work-related Outcomes in Patients With Rheumatoid Arthritis**  
*Martin Vu, Natalie Carvalho, Philip M. Clarke, Rachelle Buchbinder, An Tran-Duy* . . . . . 1221
- Safety and Efficacy of Filgotinib: Up to 4-year Results From an Open-label Extension Study of Phase II Rheumatoid Arthritis Programs**  
*Arthur Kavanaugh, Rene R. Westhovens, Kevin L. Winthrop, et al* . . . . . 1230
- Meaningful Change Thresholds for Patient-Reported Outcomes Measurement Information System (PROMIS) Fatigue and Pain Interference Scores in Patients With Rheumatoid Arthritis**  
*Jennifer L. Beaumont, Elizabeth S. Davis, Jeffrey R. Curtis, David Cella, Huifeng Yun* . . . . . 1239

- Tuberculosis in Biologic-naïve Patients With Rheumatoid Arthritis: Risk Factors and Tuberculosis Characteristics**  
*Johanna Karlsson Sundbaum, Elizabeth V. Arkema, Judith Bruchfeld, Jerker Jonsson, Johan Askling, Eva Baecklund* . . . . . 1243

## Spondyloarthritis

- Secukinumab Efficacy on Enthesitis in Patients With Ankylosing Spondylitis: Pooled Analysis of Four Pivotal Phase III Studies**  
*Georg Schett, Xenofon Baraliakos, Filip Van den Bosch, et al* . . . . . 1251
- A Phase III Randomized Study of Apremilast, an Oral Phosphodiesterase 4 Inhibitor, for Active Ankylosing Spondylitis**  
*Peter C. Taylor, Désirée van der Heijde, Robert Landewé, Shannon McCue, Sue Cheng, Annelies Boonen* . . . . . 1259

## Psoriatic Arthritis

- Evaluation and Validation of a Patient-completed Psoriatic Arthritis Flare Questionnaire**  
*Philip S. Helliwell, William Tillett, Robin Waxman, et al, on behalf of the PROMPT Study Group* . . . . . 1268
- Comparison of Composite Measure Remission Targets in Psoriatic Arthritis**  
*Flora Farkas, Natsumi Ikumi, Musaab Elmamoun, Agnes Szentpetery, Oliver FitzGerald* . . . . . 1272

## Systemic Lupus Erythematosus

- The Problem of Pain in Systemic Lupus Erythematosus: An Explication of the Role of Biopsychosocial Mechanisms**  
*Titilola Falasinnu, Cristina Drenkard, Gaobin Bao, Sean Mackey, S. Sam Lim* . . . . . 1279

## Sjögren Syndrome

- Correlation Between Subjective and Objective Severity of Oral and Ocular Dryness in Primary Sjögren Syndrome**  
*David A. Ripsman, Arthur A.M. Bookman* . . . . . 1290

Open Access article

Contents continued on page x

---

## Systemic Sclerosis

### STRATUS: A Phase II Study of Abituzumab in Patients With Systemic Sclerosis-associated Interstitial Lung Disease

*Dinesh Khanna, Donald P. Tashkin, Athol U. Wells, et al* . . . . . 1295

### Essential Hypertension Worsens Left Ventricular Contractility in Systemic Sclerosis

*Valentina Mercurio, Alicia M. Hinze, Laura K. Hummers, Fredrick M. Wigley, Ami A. Shah, Monica Mukherjee* . . . . . 1299

## Vasculitis

### Trajectory of Healthcare Resource Utilization in Giant Cell Arteritis: A Population-based Study

*Aladdin J. Mohammad, Aleksandra Turkiewicz, Pavlos Stamatis, Carl Turesson, Martin Englund, Ali Kiadaliri* . . . . . 1307

## Pediatric Rheumatology

### Maintaining Hepatitis B Protection in Immunocompromised Pediatric Rheumatology and Inflammatory Bowel Disease Patients

*Najla Aljaberi, Enas Ghulam, Emily A. Smitherman, et al* . . . . . 1314

### Biologic Switching Among Nonsystemic Juvenile Idiopathic Arthritis Patients: A Cohort Study in the Childhood Arthritis and Rheumatology Research Alliance Registry

*Melissa L. Mannon, Fenglong Xie, Daniel B. Horton, et al, for the CARRA Registry Investigators* . . . . . 1322

## Other Arthritides

### Canadian Rheumatology Association Recommendation for the Use of COVID-19 Vaccination for Patients With Autoimmune Rheumatic Diseases

*Glen S. Hazlewood, Jordi Pardo Pardo, Cheryl Barnabe, et al* . . . . . 1330

## Images in Rheumatology

### Ulcerative Paraneoplastic Dermatomyositis in the Setting of Positive Transcriptional Intermediary Factor 1- $\gamma$ Antibody

*Mina Z. Al Awqati, Jason C. Sluzevich, Florentina Berianu* . . . . . 1340

### Widespread Mechanic's Hands in Antisynthetase Syndrome With Anti-OJ Antibody

*Koichiro Shinoda, Yasuhito Hamaguchi, Kazuyuki Tobe* . . . . . 1341

## Correspondence

### Long-term Glucocorticoid Use in Rheumatoid Arthritis

*Maarten Boers, Theodore Pincus* . . . . . 1342

### Lymphoma and Sjögren Syndrome: A Common Overlapping Syndrome?

*Yu-Wen Chen, Po-Yu Tsai, James Cheng-Chung Wei* . . . . . 1343

### Absence of Severe Complications From SARS-CoV-2 Infection in Children With Rheumatic Diseases Treated With Biologic Drugs

*Giovanni Filocamo, Francesca Minoia, Simone Carbogno, Stefania Costi, Micol Romano, Rolando Cimaz* . . . . . 1343

### Drs. Cron and Chatham reply

*Randy Q. Cron, W. Winn Chatham* . . . . . 1345

## Research Letter

### Axial Involvement in Psoriatic Arthritis: Effect on Peripheral Arthritis and Differential Features With Axial Spondyloarthritis in South America

*Rodrigo García Salinas, Einer Sanchez Prado, Santiago Ruta* . . . . . 1346

## Case Report

### Rapidly Progressive Systemic Sclerosis-associated Interstitial Lung Disease After Intravesical Bacillus Calmette-Guérin Therapy for Early-stage Bladder Cancer

*Gonçalo Boleto, Jérôme Avouac, Yannick Allanore* . . . . . 1348

## Correction

### Chronic Joint Pain 3 Years after Chikungunya Virus Infection Largely Characterized by Relapsing-remitting Symptoms

*Sarah R. Tritesch, Liliana Encinales, Nelly Pacheco, et al* . . . . . 1350

Meetings . . . . . iv