The Journal of Rheumatology

VOLUME 37: NO. 5 MAY 2010

Editorials

Are Physician-derived Joint Counts Obsolete?
E.C. Keystone ................................................................. 883

Mismatch Between Skills of Patients and Tools in Use: Might Literacy Affect Diagnoses and Research?
R.E. Rudd ................................................................. 885

The Challenges of Quantifying the Risk of Serious Infection with Tumor Necrosis Factor Antagonist Therapy
J. Leombruno ................................................................. 887

Atherosclerosis in Rheumatoid Arthritis: What to Look For in Studies Using Carotid Ultrasound
I. Del Rincon .............................................................. 890

Review

More Night Than Day — Circadian Rhythms in Polymyalgia Rheumatica and Ankylosing Spondylitis
C.M. Spies, M. Cutolo, R.H. Straub, G-R. Burmester, F. Buttgerit .. 894

Articles

Genetic Variations in Genes Encoding RANK, RANKL, and OPG in RA: A Case-Control Study
G. Assmann, J. Koenig, M. Pfreundschuh, et al. .................. 900

Multiplex Screening of 22 SNP in 7 Toll-like Receptors: An Association Study in RA

Decreased Circulating CD28– T Cells in Patients with RA Treated with Abatacept Are Correlated with Clinical Response
M. Scarsi, T. Ziglioli, P. Airò ........................................... 911

Efficacy and Safety of Retreatment in Patients with RA with Previous Inadequate Response to TNF Inhibitors: Results from the SUNRISE Trial
P.J. Mease, S. Cohen, N.B. Gaylis, et al. .............................. 917

Observational Studies of Infections in RA: A Metaanalysis of TNF Antagonists
S. Bernatsky, Y. Habel, E. Rahme ................................. 928

Reproducibility of Joint Swelling Assessments in Long-lasting RA: Influence on Disease Activity Score-28 Values (SEA-Repro Study Part I)

Reproducibility of Joint Swelling Assessment by Sonography in Patients with Long-lasting RA (SEA-Repro Study Part II)

Relationship Between Arterial Stiffness and Stanford HAQ Disability in RA Patients without Overt Arterial Disease
M.A. Crilly, H.J. Clark, V. Kumar, N.W. Scott, A.G. MacDonald, D.J. Williams ...................................................... 946

Risk Factor Profiles for Atherosclerotic Cardiovascular Disease in Black and Other Africans with Established RA
A. Solomon, B.F. Christian, G.R. Norton, A.J. Woodiwiss, P.H. Dessein ................................................................. 953

Health Literacy Predicts the Discrepancy Between Patient and Provider Global Assessments of RA Activity at a Public Urban Rheumatology Clinic

Cytokine Profiles of Macrophage Activation Syndrome Associated with Rheumatic Diseases
J. Maruyama, S. Inokuma ........................................... 976

White-matter Volume Reduction and the Protective Effect of Immunosuppressive Therapy in SLE Patients with Normal Appearance by Conventional MRI
J. Xu, Y. Cheng, P. Chai, et al. ............................................ 974

Phenotype-Haplotype Correlation of IRF5 in SSC: Role of 2 Haplotypes in Disease Severity

Early Detection of Cardiac Involvement in SSC Assessed by Tissue-Doppler Echocardiography: Relationship with Neurohormonal Activation and Endothelial Dysfunction
T. Dimitroulas, G. Giannakoulas, K. Papadopoulou, et al. ........ 993

ILD Associated with Anti-PM/Scl or Anti-Aminoacyl-tRNA Synthetase Autoantibodies: A Similar Condition?
J-C. Lega, V. Cottin, N. Fabien, F. Thivolet-Bejui, J-F. Cordier ................................................................. 1000

Estimating Indirect Costs in Primary Sjögren’s Syndrome

Influence of STAT4 Polymorphism in Primary Sjögren’s Syndrome

Lack of Association Between the rs6920220 (G/A) Polymorphism of the 6q23 Region and Biopsy-proven Giant Cell Arteritis

Minimally Important Difference for Patient-reported Outcomes in Psoriatic Arthritis: Health Assessment Questionnaire and Pain, Fatigue, and Global Visual Analog Scales
T. Kwok, J.E. Pope .......................................................... 1024

Serum Calprotectin as a Marker for Disease Activity and Severity in Adult-onset Still’s Disease

Patient-derived Joint Counts Are a Potential Alternative for Determining Disease Activity Score

Contents continued on page lviii
Single-joint Outcome Measures: Preliminary Validation of Patient-reported Outcomes and Physical Examination
A.E. Heald, E.J. Fudman, P. Anklesaria, P.J. Mease, on behalf of the 13G01 Study Team... 1042

Pediatric Rheumatology
Outcomes of Children Treated for Lyme Arthritis: Results of a Large Pediatric Cohort
H.O. Tory, D. Zurakowski, R.P. Sundel... 1049

Images in Rheumatology
Cardiovascular MRI of Myocardial Fibrosis in DM
C. Arnold, H. Abdel-Aty, C. Tillmanns... 1056

Intratendinous Power Doppler Changes Related to Patient Position in Seronegative Spondyloarthritis
M. Gutierrez, E. Filippucci, W. Grassi, M. Rosemffet... 1057

Bilateral Subcutaneous Patellar Calcifications and Unilateral Bursitis in Scleroderma
S. Mathieu, M. Soubrier, J-J. Dubost... 1060

Correspondence
Irish Smokers with RA Suffer More Than Their Nonsmoking Counterparts
L.C. Harty, D.J. Veale... 1062
Reply D.L. Mattey, A. Brownfield, P.T. Dawes... 1063

Race and MTX Pharmacogenetics in RA
P. Ranganathan, H. McLeod... 1064
Reply M. Fisher, B. Cronstein... 1064

Changes in Overall Health May Have Caused Recent Declines in ESR in Patients with RA
S.T. Anderson... 1064
Reply T. Pincus, B. Abelson, T. Sokka... 1065

Tocilizumab for RA with Chronic Hepatitis B Virus Infection without Antiviral Therapy
T. Nagashima, S. Minota... 1066
Reply D. Wendling... 1066

Is Weight Loss an Effective Strategy to Decrease Serum Uric Acid Levels Without Use of Antihyperuricemic Medications?
D.J. Harris... 1067
Reply N. Ishizaka, Y. Ishizaka, A. Toda, M. Tani, K. Koike, M. Yamakado, R. Nagai... 1067

Association of RNA Polymerase III Antibodies with Scleroderma Renal Crisis
B. Nguyen, S. Assassi, F.C. Arnett, M.D. Mayes... 1068
Reply V. Codullo, C. Montecucco... 1069

Letters
Effects of Early Rituximab Retreatment in RA Patients with an Inadequate Response After the First Cycle: Retrospective Arthritis Cohort Study
H. Bastian, S. Zinke, K. Egerer, S. Breuer, F. Safari, G-R. Burmester, E. Feist... 1069

Curious Crystals: Chylous Arthritis in RA
S. Rohekar... 1072

Anti-TNF Therapies Reduce Serum Macrophage Inflammatory Protein-1α in Ankylosing Spondylitis
H. Akbulut, S.S. Koca, M. Ozgen, A. Isik... 1073

Tocilizumab Ameliorates Clinical Symptoms in Polymyalgia Rheumatica
K. Hagihara, I. Kawase, T. Tanaka, T. Kishimoto... 1075

Acute Pseudogout Following Intravenous Nerridronate for Osteoporosis
S. Carda, M. Invernizzi, P.P. Sainaghi, C. Cisari... 1076

Bosentan-Induced Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS) Syndrome
Y. Allanore, L. Moachon, E. Maury, A. Isvy, A. Kahan... 1077

Scurvy as the Presenting Illness of Whipple’s Disease Exacerbated by Treatment with Etanercept in a Patient with Ankylosing Spondylitis
I. Hmamouchi, V. Costes, B. Combe, J. Morel... 1078

Successful Use of Adalimumab for Treating RA with Autoimmune Sensorineural Hearing Loss: Two Birds with One Stone
J.M. Vergles, M. Radic, J. Kovacic, L. Salamon... 1080

Correction
Less Radiographic Progression with Adalimumab plus Methotrexate Versus Methotrexate Monotherapy Across the Spectrum of Clinical Response in Early Rheumatoid Arthritis
P. Emery, M.C. Genovese, R. van Vollenhoven, J.T. Sharp, K. Patra, E.H. Sasso... 1081

Meetings in Rheumatology...