



Woodcut "Three patients coming for treatment" by Hans Burgmair. In: Petrarca-Meister Von dem Zipperlein oder Podagra, 1532.

Editor

Leo van de Putte

Associate Editors

Thomas Bardin
Johannes Bijlsma
Gerd Burmester
Bevra Hahn
Frank Wollheim
Anthony Woolf

Editorial office

Annals of the Rheumatic Diseases
University Medical Centre Nijmegen
Department of Rheumatology
PO BOX 9101
6500 HB Nijmegen
The Netherlands
T: +44 (0)20 7383 6250
F: +44 (0)20 7383 6668
E: ard@bmj.com

ISSN: 0003-4967 (print)
ISSN: 1468-2060 (online)

Disclaimer: ARD is owned and published by BMJ Publishing Group Ltd (a wholly owned subsidiary of the British Medical Association) and the European League Against Rheumatism. The owners grant editorial freedom to the Editor of ARD. ARD follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

ARD is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group, the European League Against Rheumatism or the BMA unless otherwise specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group shall not be liable for any loss, injury or damage resulting from the use of ARD or any information in it whether based on contract, tort, or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright: © 2008 BMJ Publishing Group and European League Against Rheumatism. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without prior permission.

ARD is published by BMJ Publishing Group Ltd, typeset by The Charlesworth Group, and printed in the UK on acid-free paper from sustainable forests by Cambrian Printers Limited, Aberystwyth, UK.

Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: Annals of the Rheumatic Diseases, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA.

Editorial

- 1 The biomechanical link between skin and joint disease in psoriasis and psoriatic arthritis: what every dermatologist needs to know
D McGonagle, A L Tan, M Benjamin

Special article

- 5 The history of osteoarthritis-osteoarthritis
J Dequeker, F P Luyten

Extended reports

- 11 Type I interferons are involved in the development of ultraviolet B-induced inflammatory skin lesions in systemic lupus erythematosis patients
E Reefman, H Kuiper, P C Limburg, C G M Kallenberg, M Bijl
- 19 Knee osteoarthritis. Efficacy of a new method of contrast-enhanced musculoskeletal ultrasonography in detection of synovitis in patients with knee osteoarthritis in comparison with magnetic resonance imaging
I H Song, G R Burmester, M Backhaus, C E Althoff, K G Hermann, A K Scheel, C Werner, T Knetsch, M Schoenharting
- 26 Lower limb enthesopathy in patients with psoriasis without clinical signs of arthropathy: a hospital-based case-control study
P Gisondi, I Tinazzi, G El-Dalati, M Gallo, D Biasi, L M Barbara, G Girolomoni
- 31 Evaluation of cardiac abnormalities by Doppler echocardiography in a large nationwide multicentric cohort of patients with systemic sclerosis
P de Groote, V Gressin, E Hachulla, P Carpentier, L Guillevin, A Kahan, J Cabane, C Francès, N Lamblin, E Diot, F Patat, J Sibilia, H Petit, J-L Cracowski, P Clerson, M Humbert, for the ItinerAIR-Scleroderma Investigators
- 37 Changing pattern in the prescription of biological treatment in rheumatoid arthritis. A 7-year follow-up of 1839 patients in southern Sweden
M K Söderlin, P Geborek
- 43 The association of bone attrition with knee pain and other MRI features of osteoarthritis
G Hernández-Molina, T Neogi, D J Hunter, J Niu, A Guermazi, S Reichenbach, F W Roemer, C E McLennan, D T Felson
- 48 Magnetic resonance imaging and bone scintigraphy in the differential diagnosis of unclassified arthritis
A Duer, M Østergaard, K Hørslev-Petersen, J Vallo
- 52 Synthesis and release of human cartilage matrix proteoglycans are differently regulated by nitric oxide and prostaglandin-E₂
S C Mastbergen, J W J Bijlsma, F P J G Lafeber
- 59 Survival and causes of death in 366 Hungarian patients with systemic sclerosis
L Czirájk, G Kumánovics, C Varjú, Z Nagy, A Pákozdi, Z Szekanecz, G Szűcs
- 64 Do cardiovascular risk factors confer the same risk for cardiovascular outcomes in rheumatoid arthritis patients as in non-rheumatoid arthritis patients?
A Gonzalez, H Maradit Kremers, C S Crowson, K V Ballman, V L Roger, S J Jacobsen, W M O'Fallon, S E Gabriel
- 70 Cigarette smoking significantly increases basal metabolic rate in patients with rheumatoid arthritis
G S Metsios, A Stavropoulos-Kalinoglou, A M Nevill, K M J Douglas, Y Koutedakis, G D Kitas
- 74 The relationship between cancer and medication exposures in systemic lupus erythematosis: a case-cohort study
S Bernatsky, L Joseph, J-F Boivin, C Gordon, M Urowitz, D Gladman, P R Fortin, E Ginzler, S-C Bae, S Barr, S Edworthy, D Isenberg, A Rahman, M Petri, G S Alarcón, C Aranow, M-A Dooley, R Rajan, J-L Sénécal, M Zummer, S Manzi, R Ramsey-Goldman, A E Clarke
- 80 Fibronectin gene polymorphisms are associated with the development of B-cell lymphoma in type II mixed cryoglobulinemia
M Fabris, L Quartuccio, S Salvin, G Pozzato, V De Re, C Mazzaro, C Ferri, C Baldini, S De Vita
- 84 Detection of latent tuberculosis in immunosuppressed patients with autoimmune diseases: performance of a *Mycobacterium tuberculosis* antigen-specific interferon γ assay
G Matulis, P Jüni, P M Villiger, S D Gadola
- 91 Effect of dehydroepiandrosterone administration on fatigue, well-being, and functioning in women with primary Sjögren syndrome: a randomised controlled trial
A Hartkamp, R Geenen, G L R Godaert, H Bootsma, A A Kruize, J W J Bijlsma, R H W M Derksen

MORE CONTENTS ►



This article has been chosen by the editor to be of special interest or importance and is freely available online.



Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See <http://ard.bmj.com/info/unlocked.dtl>



www.publicationethics.org.uk
This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

- 98** Long-term follow-up results after autologous haematopoietic stem cell transplantation for severe systemic sclerosis
M C Vonk, Z Marjanovic, F H J van den Hoogen, S Zohar, A V M B Schattenberg, W E Fibbe, J Larghero, E Gluckman, J M van Laar, D Farge, F W M B Preijers, A P J van Dijk, J J Bax, P Roblot, P L C M van Riel
- 105** Can CCL2 serum levels be used in risk stratification or to monitor treatment response in systemic sclerosis?
M T Carulli, C Handler, J G Coghlan, C M Black, C P Denton
- 110** Mortality and risk factors of scleroderma renal crisis: a French retrospective study of 50 patients
L Teixeira, L Mouthon, A Mahr, A Berezne, C Agard, M Mehrenberger, L-H Noël, P Trolliet, C Frances, J Cabane, L Guillevin, for the Group Français de Recherche sur le Sclérodermie (GFRS)
-
- Concise reports**
- 117** Lumbar disc disease shows linkage to chromosome 19 overlapping with a QTL for hand OA
F M K Williams, B S Kato, G Livshits, P N Sambrook, T D Spector, A J MacGregor
- 120** Clinical burden of digital vasculopathy in limited and diffuse cutaneous systemic sclerosis
S I Nihtyanova, G M Brough, C M Black, C P Denton
- 124** The additive effect of individual genes in predicting risk of knee osteoarthritis
A M Valdes, M Doherty, T D Spector
- 128** Leflunomide and methotrexate reduce levels of activated matrix metalloproteinases in complexes with α_2 macroglobulin in serum of rheumatoid arthritis patients
I Tchetverikov, M C Kraan, B van El, R Hanemaaijer, J DeGroot, T W J Huizinga
- 131** Loss-of-function mutations in the filaggrin gene: no contribution to disease susceptibility, but to autoantibody formation against citrullinated peptides in early rheumatoid arthritis
U Hüffmeier, U Böiers, J Lascorz, A Reis, H Burkhardt
-
- Letters**
- 134** Functional variants of the macrophage migration inhibitory factor do not infer risk of cardiovascular disease in rheumatoid arthritis
T R D J Radstake, J Fransen, P L C M van Riel, E Toonen, M Coenen, R Donn
- 135** Consistency in assessing the Disease Activity Score-28 in routine clinical practice
C A E Walsh, R H Mullan, P B Minnock, C Slattery, O FitzGerald, B Bresnihan
- 136** High prevalence of autoantibodies to muscarinic-3 acetylcholine receptor in patients with juvenile-onset Sjögren syndrome
Y Nakamura, E Wakamatsu, I Matsumoto, M Tomiita, Y Kohno, M Mori, S Yokota, D Goto, S Ito, A Tsutsumi, T Sumida
- 137** Association of the *IFIH1-GCA-KCNH7* chromosomal region with rheumatoid arthritis
A Martínez, J Varadé, J R Lamas, M Fernández-Arquero, J A Jover, E G de la Concha, B Fernández-Gutiérrez, E Urcelay
- 138** HLA-B27 and ankylosing spondylitis geographic distribution versus malaria endemic: casual or causal liaison?
A Mathieu, A Cauli, M T Fiorillo, R Sorrentino
- 140** Correction