

# Netherlands

# The Journal of Medicine

PUBLISHED IN COLLABORATION WITH THE NETHERLANDS ASSOCIATION OF INTERNAL MEDICINE

---

## MISSION STATEMENT

---

The mission of the journal is to serve the need of the internist to practice up-to-date medicine and to keep track with important issues in health care. With this purpose we publish editorials, original articles, reviews, controversies, consensus reports, papers on speciality training and medical education, book reviews and correspondence.

---

## EDITORIAL INFORMATION

---

### Editor in chief

Anton F.H. Stalenhoef, Radboud University Nijmegen  
Medical Centre, Department of General Internal  
Medicine, Nijmegen, the Netherlands

### Associate editors

Joost P.H. Drenth, Nijmegen, the Netherlands  
Paul Smits, Nijmegen, the Netherlands  
Theo Thien, Nijmegen, the Netherlands

### Editorial board

J.V. Bonventre, Massachusetts, USA  
H. Brunner, Nijmegen, the Netherlands  
J.J. Cornelissen, Rotterdam, the Netherlands  
S.A. Danner, Amsterdam, the Netherlands  
J.T. van Dissel, Leiden, the Netherlands  
J.P. Droz, Lyon, France  
R.O.B. Gans, Groningen, the Netherlands  
A.R.J. Girbes, Amsterdam, the Netherlands  
D.E. Grobbee, Utrecht, the Netherlands  
D.L. Kastner, Bethesda, USA  
R.B.M. Landewé, Maastricht, the Netherlands

M.M. Levi, Amsterdam, the Netherlands  
B. Lipsky, Seattle, USA  
Ph. Mackowiak, Baltimore, USA  
J.W.M. van der Meer, Nijmegen, the Netherlands  
G. Parati, Milan, Italy  
H.A.P. Pols, Rotterdam, the Netherlands  
A.J. Rabelink, Leiden, the Netherlands  
D.J. Rader, Philadelphia, USA  
J.A. Romijn, Leiden, the Netherlands  
P. Speelman, Amsterdam, the Netherlands  
C.D.A. Stehouwer, Maastricht, the Netherlands  
E. van der Wall, Utrecht, the Netherlands  
R.G.J. Westendorp, Leiden, the Netherlands

### Editorial office 'The Netherlands Journal of Medicine'

Geeralien Derksen-Willemsen  
Radboud University Nijmegen Medical Centre  
Department of General Internal Medicine 541  
PO Box 9101, 6500 HB Nijmegen  
The Netherlands  
Tel.: +31 (0)24-361 04 59, fax: +31 (0)24-354 17 34  
E-mail: g.derksen@aig.umcn.nl

---

## CITED IN

---

Biosis database; embase/excerpta medica; index medicus (medline) science citation index, science citation index expanded, isi alerting services, medical documentation services, current contents/clinical medicine, PubMed.



Alphen aan den Rijn, the Netherlands

# Contents

## Cover

Graphic art made by Lia Stouten. For details about the artist, her work and how to order see elsewhere in this journal.

## Copyright

© 2005 Van Zuiden Communications B.V. All rights reserved. Except as outlined below, 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 written permission of the publisher. Permissions may be sought directly from Van Zuiden Communications B.V.

## Photocopying

Single photocopies of single articles may be made for personal use as allowed by national copyright laws. Permission of the publisher and payment of a fee is required for all other photocopying, including multiple or systematic copying, copying for advertising or promotional purposes, resale, and all forms of document delivery. Special rates are available for educational institutions that wish to make photocopies for non-profit educational classroom use.

## Derivative works

Subscribers may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions. Permission of the publisher is required for resale or distribution outside the institution. Permission of the publisher is also required for all other derivative works, including compilations and translations.

## Electronic storage

Permission of the publisher is required to store or use electronically any material contained in this journal, including any article or part of an article.

## Responsibility

No responsibility is assumed by the publisher for any injury and/or damage to persons or property as a matter of product liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein. Because of the rapid advances in the medical sciences, independent verification of diagnoses and drug dosages is advised.

Although all advertising material is expected to conform to ethical (medical) standards, inclusion in this publication does not constitute a guarantee or endorsement of the quality or value of such product or of the claims made of it by its manufacturer.

## Subscriptions

### General information

An annual subscription to The Netherlands Journal of Medicine (ISSN 0300-2977) consists of 11 issues. Issues within Europe are sent by standard mail and outside Europe by air delivery. Cancellations should be made, in writing, at least two months before the end of the year.

### Subscription fee

The annual subscription fee within Europe is € 650, for the USA € 665 and for the rest of the world € 765. Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis.

### Payment method

Please make your check payable to Van Zuiden Communications B.V., PO Box 2122, 2400 CC Alphen aan den Rijn, the Netherlands or you can transfer the fee to ING Bank, account number 67.89.10.872, Castellumstraat 1, Alphen aan den Rijn, the Netherlands, swift-code: ING BNL 2A. Do not forget to mention the complete delivery address of the Journal.

## Claims

Claims for missing issues should be made within two months of the date of dispatch. Missing issues will be mailed without charge. Issues claimed beyond the two-month limit must be prepaid at back copy rates.

## Orders, preprints, advertising, changes in address, author or general enquiries

Please contact the publisher.

## Van Zuiden Communications B.V.

PO Box 2122, 2400 CC Alphen aan den Rijn  
The Netherlands  
Tel.: +31 (0)172-47 61 91, fax: +31 (0)172-47 18 82  
E-mail: [njm@zuidencomm.nl](mailto:njm@zuidencomm.nl)  
Internet: [www.njm-online.nl](http://www.njm-online.nl)

## EDITORIAL

### The Netherlands Journal of Medicine's hit list: best cited articles in 2003

J.P.H. Drenth, P. Smits, T. Thien, A.F.H. Stalenhoef

## REVIEW

### How to optimise interventions for problem drinking among hospital outpatients?

M.J. Emmen, H. Wollersheim, G. Bleijenberg, G.M. Schippers

## ORIGINAL ARTICLES

### No clear effect of diabetes education on glycaemic control for Turkish type 2 diabetes patients: a controlled experiment in general practice

P.J.M. Uitewaal, A.J.J. Voorham, M.A. Bruijnzeels, A. Berghout, R.M.D. Bernsen, P.H. Trienekens, A.W. Hoes, S. Thomas

### Establishment of reference values for endocrine tests. Part IV: Adrenal insufficiency

E. Endert, A. Ouwehand, E. Fliers, M.F. Prummel, W.M. Wiersinga

## CASE REPORT

### Myelotoxicity and hepatotoxicity during azathioprine therapy

N.K.H. de Boer, C.J.J. Mulder, A.A. van Bodegraven

## PHOTO QUIZ

### Between hands and feet

F. Stam, T. van Meurs, C. Koley

## CASE REPORT

### A severe (type II) hepatopulmonary syndrome in a patient with idiopathic portal hypertension and treatment with paroxetine

Ş. Yilmaz, M. Dursum, F. Canoruç, K. Bayan, A. Karabulut, H. Akay

## ANSWER TO PHOTO QUIZ

453

## INFORMATION FOR AUTHORS

# The Netherlands Journal of Medicine's hit list: best cited articles in 2003

J.P.H. Drenth\*, P. Smits, T. Thien, A.F.H. Stalenhoef

Department of Medicine, Radboud University Nijmegen Medical Centre, Nijmegen, the Netherlands, \*corresponding author: tel. +31 (0)24-361 47 60, fax: +31 (0)24-354 01 03, e-mail [JoostPHDrenth@CS.com](mailto:JoostPHDrenth@CS.com)

The scientific world we live in is changing. We no longer rely on the hardcopy of a Journal for scholarly information, instead we just log on to the web and try to find the article that fits our needs. We introduced open access to the *Netherlands Journal of Medicine* (NJM) at the beginning of August, 2005.<sup>1</sup> We did so because we believe that open access serves readers and scientists best. The content of the NJM is now readily available via PubMed ([www.pubmed.gov](http://www.pubmed.gov)) as well as via the Publisher's website ([www.njm-online.nl](http://www.njm-online.nl)). We believe that this will attract a wider audience and enable us to disseminate relevant clinical knowledge on a global platform.

The benefits for the Journal are clear: open access enhances the visibility of the Journal and we hope that this translates into an increase in the quantity and quality of submitted manuscripts. On the other hand, open access benefits the authors and readers as well. Evidence shows that usage increases when access is more simple, and maximising the usage of the scientific information benefits society. Papers that are freely accessible online are more easily available and enjoy a higher visibility, which leads to higher citation rates.<sup>2</sup> A by now classic study analysed possible factors that were responsible for higher citation rates for *British Medical Journal* (BMJ) articles. In 1999, the BMJ enjoyed free open access and for a cohort of papers that were published in that year, Perneger calculated the 'hit count' and number of citations these articles received in the following years.<sup>3</sup> Indeed the hit count in the first week after publication correlated significantly with the number of subsequent citations. This phenomenon might be new for biomedical scientists, but it has been known for years among physicists and mathematicians. The correlation between hit counts and subsequent citations appears to be so consistent that an online usage/citation

correlator has been created that allows the prediction of citation counts two years later on the basis of the downloads of today (<http://citebase.eprints.org/analysis/correlation.php>). Consequently, the number of early hits is a potentially useful measure of the scientific value of published medical research papers.

Facilitated by the former publisher, the *Netherlands Journal of Medicine* was available on the web from September 1999 until December 2001. The online content of the Journal was only available via institutional subscription, which limited its access. Despite these obstacles, the electronic usage of the Journal grew quickly, illustrated by the hit counts which increased from only 200 a month at the beginning of 2000 to 1600 a month by the end of 2002.<sup>4</sup> In recent years, we have witnessed an enormous explosion of Internet technology and the data provided here are a mere reflection of this. The electronic traffic to our Journal (for a large part facilitated by its open access) has exceeded our expectations. The vast majority of articles are accessed and downloaded directly via PubMed, and in the first three months the hit count easily exceeded 3000 every month. This illustrates the popularity of PubMed as a search interface but also that the Journal is a viable and interesting source for valuable clinical information. In the near future, we hope to provide you with more detailed information down to the level of individual articles.

Now let us focus our attention on the most popular articles from 2003. In 2003 the Journal published 20 reviews, 22 original articles, 28 case reports and 15 other reports. A count on Web of Science interface (ISI Web of Knowledge), on 15 October 2005, revealed that a total of 45 articles (53%) yield citations and the majority of papers received less than two citations. The level of non-citations is

on a par with that seen for surgical publications but higher than that for immunological journals.<sup>5</sup> The ten most cited articles received on average 4.9 citations within two years after publication (table 1). The table contains six reviews, three original articles and one case report. This finding is in line with the notion as reiterated elsewhere that reviews attract the most citations. The authors on this list have to be applauded because they have succeeded in picking up many citations in a time when the Journal was only limited (table 1).

As Editors, we continuously strive for improvement in the content as well as design of the Journal.<sup>6</sup> We aim for publication of important new scientific developments that affect the clinical practice of internists. The Journal attracts a large range of clinical manuscripts and the list shown here reflects the variety of subject matter published by the Journal that has succeeded in attracting attention. The most frequently cited article from 2003, written by Dr Ingrid M. Jazet and colleagues from Leiden University Medical Centre, describes the role of adipocyte secretory products in relation to insulin resistance and obesity. It is well written and equally well illustrated and highly topical, all important reasons why it is best cited.<sup>7</sup> The Editorial Board congratulates these authors on their achievement.

We feel that by publication of both citation rates and hit counts for articles we single out those articles that made the cut. We plan to keep track of both types of impact in the future and will inform the reader accordingly.

## REFERENCES

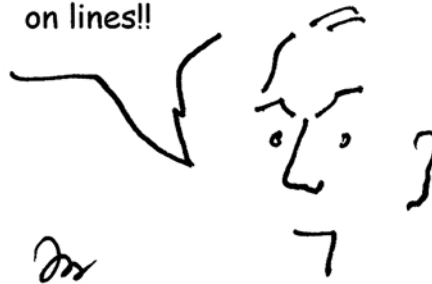
1. Drenth JP. A watershed for the Netherlands Journal Medicine: open internet access. *Neth J Med* 2005;63(7):239-40.
2. Lawrence S. Free online availability substantially increases a paper's impact. *Nature* 2001;411(6837):521.
3. Perneger TV. Relation between online "hit counts" and subsequent citations: prospective study of research papers in the BMJ. *BMJ* 2004;329(7465):546-7.
4. Hoepelman AI. The Netherlands Journal of Medicine: end of a fruitful period and a new start. *Neth J Med* 2001;59:267-9.
5. Weale AR, Bailey M, Lear PA. The level of non-citation of articles within a journal as a measure of quality: a comparison to the impact factor. *BMC Med Res Methodol* 2004;4:14.
6. Thien T, van der Meer JW, Stalenhoef AF, Smits P. Why publish in the Netherlands Journal of Medicine? *Neth J Med* 2003;61:99.
7. Jazet IM, Pijl H, Meinders AE. Adipose tissue as an endocrine organ: impact on insulin resistance. *Neth J Med* 2003;61(6):194-212.

**Table 1** Highly cited articles from the Netherlands Journal of Medicine published in 2003

Author [reference]	Title	Pages	# Citations
Jazet IM, Pijl H, Meinders AE <sup>7</sup>	Adipose tissue as an endocrine organ: impact on insulin resistance	194-212	10
Van Vonderen MG, Bos JC, Prins JM, Wertheim-van DP, Speelman P <sup>8</sup>	Ribavirin in the treatment of severe acute respiratory syndrome (SARS)	238-41	6
Arend SM, Breedveld FC, van Dissel JT <sup>9</sup>	TNF-alpha blockade and tuberculosis: better look before you leap	111-9	5
Bleeker-Rovers CP, Bredie SJ, van der Meer JW, Corstens FH, Oyen WJ <sup>10</sup>	F-18-fluorodeoxyglucosepositron emission tomography in diagnosis and follow-up of patients with different types of vasculitis	323-9	5
Riksen NP, Keuning JJ, Vreugdenhil G <sup>11</sup>	Rituximab in the treatment of relapsing idiopathic thrombocytopenic purpura	262-5	5
Baas SJ, Endert E, Fliers E, Prummel MF, Wiersinga WM <sup>12</sup>	Establishment of reference values for endocrine tests. III: Primary aldosteronism	37-43	4
Becker A, van der Does FE, van Hinsbergh VW, Heine RJ, Bouter LM, Stehouwer CD <sup>13</sup>	Improvement of glycaemic control in type 2 diabetes: favourable changes in blood pressure, total cholesterol and triglycerides, but not in HDL cholesterol, fibrinogen, Von Willebrand factor and (pro)insulin	129-36	4
Van Bommel EF <sup>14</sup>	Renal replacement therapy for acute renal failure on the intensive care unit: coming of age?	239-48	4
De Fost M, Aerts JM, Hollak CE <sup>15</sup>	Gaucher disease: from fundamental research to effective therapeutic interventions	3-8	3
Loffeld RJ, van der Putten AB <sup>16</sup>	The yield of UGIE: a study of a ten-year period in the 'Zaanstreek'	14-8	3

8. Van Vonderen MG, Bos JC, Prins JM, Wertheim-van DP, Speelman P. Ribavirin in the treatment of severe acute respiratory syndrome (SARS). Neth J Med 2003;61(7):238-41.
9. Arend SM, Breedveld FC, van Dissel JT. TNF-alpha blockade and tuberculosis: better look before you leap. Neth J Med 2003;61(4):111-9.
10. Bleeker-Rovers CP, Bredie SJ, van der Meer JW, Corstens FH, Oyen WJ. F-18-fluorodeoxyglucose positron emission tomography in diagnosis and follow-up of patients with different types of vasculitis. Neth J Med 2003;61(10):323-9.
11. Riksen NP, Keuning JJ, Vreugdenhil G. Rituximab in the treatment of relapsing idiopathic thrombocytopenic purpura. Neth J Med 2003;61(7):262-5.
12. Baas SJ, Endert E, Fliers E, Prummel MF, Wiersinga WM. Establishment of reference values for endocrine tests. III: Primary aldosteronism. Neth J Med 2003;61(2):37-43.
13. Becker A, van der Does FE, van Hinsbergh VW, Heine RJ, Bouter LM, Stehouwer CD. Improvement of glycaemic control in type 2 diabetes: favourable changes in blood pressure, total cholesterol and triglycerides, but not in HDL cholesterol, fibrinogen, Von Willebrand factor and (pro)insulin. Neth J Med 2003;61(4):129-36.
14. Van Bommel EF. Renal replacement therapy for acute renal failure on the intensive care unit: coming of age? Neth J Med 2003;61(8):239-48.
15. De Fost M, Aerts JM, Hollak CE. Gaucher disease: from fundamental research to effective therapeutic interventions. Neth J Med 2003;61(1):3-8.
16. Loffeld RJ, van der Putten AB. The yield of UGIE: a study of a ten-year period in the 'Zaanstreek'. Neth J Med 2003;61(1):14-8.

That was quite a job ;  
to put all the words  
of my paper  
on lines!!



# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.