

Cover image: Types of vertebrae viewed from above

Martin Rossor (UK)

#### **Deputy Editor**

Michael Hanna (UK)

#### **Associate Editors**

Simon Fleminger (UK) Didier Leys (France)

Philip Scheltens (The Netherlands)

Peter Warnke (USA)

#### Web Editor

Rustam Al-Shahi (UK)

#### Editor, Practical Neurology

Charles Warlow (UK)

#### **Editorial Board**

See page iv

#### **Editorial Office**

Journal of Neurology Neurosurgery &

Psychiatry

BMJ Publishing Group Ltd

**BMA** House

Tavistock Square

London WC1H 9JR, UK

T: +44 (0)20 7874 7024 F: +44 (0)20 7383 6668

# E: jnnp@bmjgroup.com

ISSN: 0022-3050 (print) ISSN: 1468-330X (online) **Impact factor** 3.857

Disclaimer: JNNP is published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association. The BMJ Group grants editorial freedom to the Editor of JNNP. JNNP 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.

JNNP 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 or the BMA unless otherwise specified or determined by law. Acceptance of advertising does not imply

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 JNNP 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. 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.

JNNP 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.

Journal of Neurology Neurosurgery & Psychiatry (USPS No: 002-156) is published monthly by BMJ Publishing Group and distributed in the USA by SPP, 75 Aberdeen Road, Emigsville, PA 17318, USA. Periodicals postage paid at Emigsville, PA, USA. POSTMASTER: send address changes to *Journal of Neurology Neurosurgery & Psychiatry*, PO Box 437, Emigsville, PA 17318-0437, USA.

# Review

**Contents** 

**1197** Towards an understanding of sex differences in functional outcome following moderate to severe traumatic brain injury: a systematic

> S Slewa-Younan, S van den Berg, I J Baguley, M Nott, I D Cameron

## **Research papers**

1202 Changes in diagnosis with follow-up in an incident cohort of patients with parkinsonism R Caslake, J N Moore, J C Gordon, C E Harris, C. Counsell

1208 Baseline differences between vascular cognitive impairment no dementia reverters and non-reverters

> I B Williamson, D L Nyenhuis, L Pedelty, S Byrd, M Jhaveri, C Wang, L deToledo-Morrell, K Sripathirathan, P Gorelick

**1218** Dipyridamole plus aspirin versus aspirin alone in secondary prevention after TIA or stroke: a meta-analysis by risk

> PHA Halkes, LJ Gray, PM W Bath, H-C Diener, B Guiraud-Chaumeil, F M Yatsu,

**1224** Abnormalities in the cerebrospinal fluid levels of endocannabinoids in multiple sclerosis M Di Filippo, L A Pini, G P Pelliccioli, P Calabresi, P Sarchielli

**1230** Effectiveness of rehabilitation intervention in persons with multiple sclerosis: a randomised controlled trial

F Khan, J F Pallant, C Brand, T J Kilpatrick

1236 Regional grey matter atrophy in clinically isolated syndromes at presentation R G Henry, M Shieh, D T Okuda, A Evangelista, M L Gorno-Tempini, D Pelletier

**1245** Long-term clinical relevance of criteria for designating multiple sclerosis as benign after 10 years of disease

L Costelloe, A Thompson, C Walsh, N Tubridy, M Hutchinson

**1249** Central nervous system involvement in Anderson-Fabry disease: a clinical and MRI retrospective study

S Buechner, M Moretti, A P Burlina, G Cei, R Manara, R Ricci, R Mignani, R Parini, R Di Vito, G P Giordano, P Simonelli, G Siciliano,

1255 Thalidomide reduces serum VEGF levels and improves peripheral neuropathy in POEMS syndrome

> S Kuwabara, S Misawa, K Kanai, S Sawai, T Hattori, M Nishimura, C Nakaseko

**1258** Thalidomide and sensory neurotoxicity: a neurophysiological study G Zara, M Ermani, R Rondinone, S Arienti,

A Doria

**1262** Narcolepsy in Southern Chinese patients: clinical characteristics, HLA typing and seasonality of birth

Y K Wing, L Chen, S Y Y Fong, M H L Ng, CKWHo, SH Cheng, NLS Tang, AM Li

**1268** Cytokine expression in serum and cerebrospinal fluid in non-inflammatory polyneuropathies I Ludwig, A Binder, I Steinmann, G Wasner, R Baron

**1275** The effect of telephone counselling on reducing post-traumatic symptoms after mild traumatic brain injury: a randomised trial

K R Bell, I M Hoffman, N R Temkin, I M Powell, R T Fraser, P C Esselman, I K Barber, S Dikmen

**1282** Normal pressure hydrocephalus: long-term outcome after shunt surgery

S Pujari, S Kharkar, P Metellus, J Shuck, M A Williams, D Rigamonti

1287 Visual sensorial preference delays balance control compensation after vestibular schwannoma surgery

> C Parietti-Winkler, G C Gauchard, C Simon, Ph P Perrin

> > MORE CONTENTS ►



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



This article has been chosen in conjunction with the BMJ Patient Forum to be of particular interest to patients and is freely available



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

COPE committee on publication ethics

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

www.publicationethics.org.uk



## **Short reports**

**1295** Kernohan's notch phenomenon demonstrated by diffusion tensor imaging and transcranial magnetic stimulation

W-K Yoo, D-S Kim, Y H Kwon, S H Jang

**1298** Behavioural evidence for vestibular stimulation as a treatment for central post-stroke pain *P D McGeoch, L E Williams, R R Lee, V S Ramachandran* 

# **PostScript**

1302 Letters

1306 Book reviews

# **Neurological pictures**

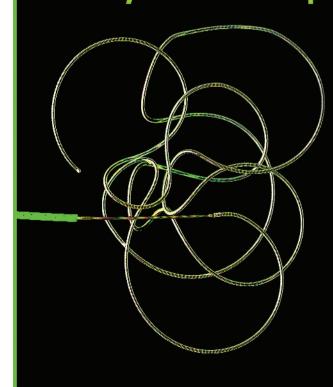
- **1215** Adult-onset leukoencephalopathy with calcifications associated with primary antiphospholipid syndrome

  E Salsano, L Chiapparini, G Finocchiaro, D Pareyson, M Savoiardo
- **1244** Vascular hemiparkinsonism sensitive to levodopa

O Veran, A Calizzano, S Grand, P Krack

**1273** Stroke with calcium emboli related to a calcified stenosis of internal carotid artery *J Tardy, N Da Silva, Y Glock, V Larrue* 

# Focus your mind on quality research every month



Journal of Neurology, Neurosurgery and Psychiatry keeps you right up to date with the whole field of clinical neurological practice, neurosurgery and psychiatry, so you'll want the guarantee of reading it every month.

Why not recommend the journal to your librarian or better still, obtain your own personal subscription? You will receive a paper copy every month as well as online access for **just £195 a year** (€289, \$371). Too much paper on your desk already? An online subscription is **just £114** (€169,\$217). Better still, a personal subscription includes the acclaimed bi-monthly *Practical Neurology*.

Visit **group.bmj.com/group/subs-sales** - your subscription to this first class journal is just a few clicks away.

jnnp.bmj.com

**BMJIJournals**