

Cover image: M.C. Escher's "Rind".
© The M.C. Escher Company-Holland.
All rights reserved. www.mcescher.com

Editor

Matthew C Kiernan (Australia)

Deputy Editor

Michael Hanna (UK)

Associate Editors

Alan Carson (UK)
Satoshi Kuwabara (Japan)
Nick Ward (UK)
Peter Wanke (USA)

Web Editor

Rustam Al-Shahi (UK)

Editor, Practical Neurology

Charles Warlow (UK)

Editorial Office

Journal of Neurology Neurosurgery & Psychiatry
BMJ Publishing Group Ltd
BMA House
Tavistock Square
London WC1H 9JR, UK
T: +44 (0)20 7833 6467
F: +44 (0)20 7383 6668
E: jnnp@bmjgroup.com
ISSN: 0022-3050 (print)
ISSN: 1468-330X (online)

Impact factor: 4.622

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 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 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: © 2010 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 TNQ Books & Journals, Chennai, India and printed in the UK on acid-free paper from sustainable forests by Latimer Trend, Plymouth, UK.

Journal of Neurology Neurosurgery & Psychiatry (ISSN No: 0022-3050) is published monthly by BMJ Publishing Group and distributed in the USA by Mercury International Ltd. as mailing agent. Periodicals postage paid at Rahway, NJ. POSTMASTER: send address changes to *Journal of Neurology Neurosurgery & Psychiatry*, Mercury International Ltd, 365 Blair Road, Avenel, NJ, 07001, USA.

Editorial commentaries

473 What is the clinical significance of SOD1 mutations in amyotrophic lateral sclerosis?
R W Orrell

473 Association between restless legs syndrome and migraine
S D Silberstein

475 Aetiological differences in neuroanatomy of the vegetative state: insights from diffusion tensor imaging and functional implications
C Wilson

Cerebrovascular disease

477 Percutaneous transluminal angioplasty and stenting for carotid stenosis: a Cochrane review
J Ederle, R L Featherstone, M M Brown

479 Characteristic features of unruptured intracranial aneurysms: predictive risk factors for aneurysm rupture
S-H You, D-S Kong, J-S Kim, P Jeon, KH Kim, HK Roh, G-M Kim, K-H Lee, S-C Hong

485 Validation of the Stroke Specific Quality of Life scale in patients with aneurysmal subarachnoid haemorrhage
H Boosman, P E C A Passier, J M A Visser-Meily, G J E Rinkel, M W M Post

490 Magnesium and headache after aneurysmal subarachnoid haemorrhage
S M D Mees, D Bertens, H B van der Worp, G J E Rinkel, W M van den Bergh

495 Therapeutic role of rTMS on recovery of dysphagia in patients with lateral medullary syndrome and brainstem infarction
E M Khedr, N Abo-Elfetoh

Neuro-oncology

502 Craniotomy for resection of meningioma in the elderly: a multicentre, prospective analysis from the National Surgical Quality Improvement Program
C G Patil, A Veeravagu, S P Lad, M Boakey

Neuromuscular disease

506 Validation of the ABILHAND questionnaire to measure manual ability in children and adults with neuromuscular disorders
L Vandervelde, P Y K Van den Bergh, M Penta, J-L Thonnard

Movement disorders

513 Freezing of gait in Parkinson's disease: a perceptual cause for a motor impairment?
Q J Almeida, C A Lebold

519 Facial nerve motor-evoked potential monitoring during microvascular decompression for hemifacial spasm
M Fukuda, M Oishi, T Hiraishi, Y Fujii

524 Association between restless legs syndrome and migraine
P-K Chen, J-L Fuh, S-P Chen, S-J Wang

529 The wide clinical spectrum and nigrostriatal dopaminergic damage in spinocerebellar ataxia type 6
J-M Kim, J-Y Lee, H J Kim, J S Kim, Y K Kim, S S Park, S E Kim, B S Jeon

533 Corpus callosum abnormalities in Tourette syndrome: an MRI-DTI study of monozygotic twins
A E Cavanna, A Stecco, H Rickards, S Servo, E Terazzi, B Peterson, M M Robertson, A Carriero, F Monaco

536 Increased serum insulin-like growth factor 1 in early idiopathic Parkinson's disease
J Godau, M Herfurth, B Kattner, T Gasser, D Berg

Cognitive disorders

541 Two-year outcome of MCI subtypes and aetiologies in the Göteborg MCI study
A Nordlund, S Rolstad, O Klang, Å Edman, S Hansen, A Wallin

547 Behavioural and psychological symptoms in vascular dementia; differences between small- and large-vessel disease
S S Staekenborg, T Su, E C W van Straaten, R Lane, P Scheltens, F Barkhof, W M van der Flier

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 online.




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

C O P E 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



- 552** Aetiological differences in neuroanatomy of the vegetative state: insights from diffusion tensor imaging and functional implications
 *V F J Newcombe, G B Williams, D Scoffings, J Cross, T A Carpenter, J D Pickard, D K Menon*

Neurodegenerative disease

- 562** Large-scale *SOD1* mutation screening provides evidence for genetic heterogeneity in amyotrophic lateral sclerosis
M A van Es, C Dahlberg, A Birve, J H Veldink, L H van den Berg, P M Andersen
- 567** The profile of motor unit number estimation (MUNE) in spinal and bulbar muscular atrophy
K Suzuki, M Katsuno, H Banno, Y Takeuchi, M Kawashima, N Suga, A Hashizume, T Hama, K Uchida, F Yamashita, T Nakamura, M Hirayama, F Tanaka, G Sobue
- 572** Four familial ALS pedigrees discordant for two *SOD1* mutations: are all *SOD1* mutations pathogenic?
A Felbecker, W Camu, P N Valdmantis, A-D Sperfeld, S Waibel, P Steinbach, G A Rouleau, A C Ludolph, P M Andersen

Neuro-ophthalmology

- 578** Papilloedema and MRI enhancement of the prechiasmal optic nerve at the acute stage of Leber hereditary optic neuropathy
C Lamirel, J Cassereau, I Cochereau, C Vignal-Clermont, O Pajot, J-Y Tanguy, X Zanlonghi, P Reynier, P Amati-Bonneau, F Dubas, D Bonneau, C Verny

PostScript

- 581** Letters

Neurological pictures

- 494** Concomitant sixth nerve and seventh nerve palsies
A A Antonio-Santos, E R Eggenberger
- 500** Multiple spinal intramedullary cavernomas with vascular skin venous or 'Cobb syndrome': a case report
S Gatzonis, G Strantzalis, A Siatouni, E Boviatsis, D E Sakas
- 539** A challenging case of double vision and altered facial sensation
S Pal, J Halliday, R J Davenport, P Keston