



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 Warnke (USA)

Web Editors

Arun Krishnan (Australia)
Clare Caldwell (Australia)
Cindy Lin (Australia)
Steve Vucic (Australia)

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: 4.87

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.

Contents

Volume 81 Issue 10 | JNNP October 2010

Editorial commentaries

- 1061** Transcranial direct current stimulation as a treatment for Parkinson's disease—interesting, but not ready for prime time.
R Chen
- 1062** The prognosis of motor neurone disease
R J Swingler
- 1063** Axonal Guillain-Barré syndrome is underestimated in Europe?
S Kuwabara

Neurosurgery

- 1064** Antibiotics-impregnated ventricular catheter versus systemic antibiotics for prevention of nosocomial CSF and non-CSF infections: a prospective randomised clinical trial
G K C Wong, M Ip, W S Poon, C W K Mak, R Y T Ng
- 1068** Long-term outcome of thalamic deep brain stimulation in two patients with Tourette syndrome
L Ackermans, A Duits, Y Temel, A Winogrodzka, F Peeters, E A M Beuls, V Visser-Vandewalle

Neurogenetics

- 1073** Hereditary spastic paraplegia due to SPAST mutations in 151 Dutch patients: new clinical aspects and 27 novel mutations
S T de Bot, R T M van den Elzen, A R Mensenkamp, H J Schelhaas, M A A P Willemsen, N V A M Knoers, H P H Kremer, B P C van de Warrenburg, H Scheffer

Movement disorders

- 1080** CSF amyloid- β and tau proteins, and cognitive performance, in early and untreated Parkinson's Disease: the Norwegian ParkWest study
G Alves, K Brønnick, D Aarsland, K Blennow, H Zetterberg, C Ballard, M W Kurz, U Andreasson, O-B Tysnes, J P Larsen, E Mulugeta
- 1087** Reproducibility and diagnostic accuracy of substantia nigra sonography for the diagnosis of Parkinson's disease
S van de Loo, U Walter, S Behnke, J Hagenah, M Lorenz, M Sitzer, R Hilker, D Berg
- 1093** The estimated life expectancy in a community cohort of Parkinson's disease patients with and without dementia, compared with the UK population
P Hobson, J Meara, L Ishihara-Paul

- 1099** The impact of low-frequency stimulation of the pedunclopontine nucleus region on reaction time in parkinsonism
W Thevathasan, P A Silburn, H Brooker, T J Coyne, S Khan, S S Gill, T Z Aziz, P Brown
- 1105** Transcranial direct current stimulation for the treatment of Parkinson's disease
D H Benninger, M Lomarev, G Lopez, E M Wassermann, X Li, E Considine, M Hallett
- 1112** Patient perception of dyskinesia in Parkinson's disease
S W Hung, G M Adeli, T Arenovich, S H Fox, A E Lang

Neuropsychiatry

- 1116** Mild traumatic brain injury and Postconcussion Syndrome: a neuropsychological perspective
W H Williams, S Potter, H Ryland
- 1123** Plasma A β 42 and A β 40 as markers of cognitive change in follow-up: a prospective, longitudinal, population-based cohort study
T T Seppälä, S-K Herukka, T Hänninen, S Tervo, M Hallikainen, H Soininen, T Pirttilä
- 1128** Psychological approaches to treatment of postconcussion syndrome: a systematic review
A Al Sayegh, D Sandford, A J Carson

Neurodegenerative disease

- 1135** Tetrahydrocannabinol (THC) for cramps in amyotrophic lateral sclerosis: a randomised, double-blind crossover trial
M Weber, B Goldman, S Truniger

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



- 1141** Tracheostomy in amyotrophic lateral sclerosis: a 10-year population-based study in Italy
A Chiò, A Calvo, P Ghiglione, L Mazzini, R Mutani, G Mora, for the PARALS

- 1144** Patients who survive 5 years or more with ALS in Olmsted County, 1925–2004
F J Mateen, M Carone, E J Sorenson

Epilepsy

- 1147** Role of resting state functional connectivity MRI in presurgical investigation of mesial temporal lobe epilepsy
G Bettus, F Bartolomei, S Confort-Gouny, E Guedj, P Chauvel, P J Cozzone, J-P Ranjeva, M Guye

Neuromuscular

- 1157** Pitfalls in electrodiagnosis of Guillain–Barré syndrome subtypes
A Uncini, C Manzoli, F Notturmo, M Capasso
- 1164** What determines quality of life in inclusion body myositis?
R Sadjadi, M R Rose, Muscle Study Group

Neuro-immunology

- 1167** An effective immunotherapy regimen for VGKC antibody-positive limbic encephalitis
S H Wong, M D Saunders, A J Larner, K Das, I K Hart

PostScript

- 1170** Letters
1177 Corrections

Neurological pictures

- 1079** Orolingual angio-oedema after alteplase therapy in a stroke patient concurrently using angiotensin II receptor blocker
C-H Tan, S-C Tang, R-J Lin, J-S Jeng
- 1155** Bilateral facial nerve palsy associated with Epstein–Barr virus infection
C T Coddington, J D Isaacs, A Q Siddiqui, T C Andrews

Electronic pages

- e1** Abstracts from the Neuropsychiatry of RCPsych and British Neuropsychiatry Association Joint Conference, 10 February 2010