



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**

Clare Caldwell  
Arun Krishnan  
Cindy Lin  
Steve Vucic

**Editors, Practical Neurology**

Geraint Fuller (UK)  
Phil Smith (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](mailto:jnnp@bmjgroup.com)  
ISSN: 0022-3050 (print)  
ISSN: 1468-330X (online)

**Impact factor: 4.79**

**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:** © 2012 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 Techset, Chennai, India and printed in the UK on acid-free paper from sustainable forests.

*Journal of Neurology Neurosurgery & Psychiatry* (ISSN No: 0022-3050) is published monthly by BMJ Publishing Group and is distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431 POSTMASTER: send address changes to *Journal of Neurology Neurosurgery & Psychiatry*, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

**Contents**

Volume 83 Issue 12 | **JNNP** December 2012

**Editorial commentaries**

**1133** Familial ALS: less common than we think?

*V V Belzil, G A Rouleau*

**1134** Internet teleneurology

*P Nachev*

**1135** Risk factors for multiple sclerosis: decreased vitamin D level and remote Epstein-Barr virus infection in the pre-clinical phase of multiple sclerosis

*M Niino*

**1136** Two simple tests and one complex disease

*J M Worthington*

**Impact commentaries**

**1137** Sensory nerve action potentials in patients with peripheral lesions



*T Sears*

**Cognitive neurology**

**1139** Cognitive and mood effects of phenobarbital treatment in people with epilepsy in rural China: a prospective study

*D Ding, Q Zhang, Dng Zhou, W Lin, Q Wu, J Sun, Q Zhao, P Yu, W Wang, J Wu, G I S Bell, P Kwan, H M de Boer, S Li, P J Thompson, Z Hong, J W Sander*

**1145** Episodic memory and the medial temporal lobe: not all it seems. Evidence from the temporal variants of frontotemporal dementia

*C M Pleizier, A E van der Vlies, E Koedam, T Koene, F Barkhof, W M van der Flier, P Scheltens, Y Pijnenburg*

**Movement disorders**

**1149** Differential susceptibility to motor impulsivity among functional subtypes of Parkinson's disease

*S A Wylie, W van den Wildenberg, K R Ridderinkhof, D O Claassen, G F Wooten, C A Manning*

**1155** Neuroanatomical substrates of visual hallucinations in patients with non-demented Parkinson's disease

*S Shin, J E Lee, J Y Hong, M-K Sunwoo, Y H Sohn, P H Lee*

**1162** The Bereitschaftspotential in jerky movement disorders

*S M A van der Salm, M A J Tijssen, J H T M Koelman, A-F van Rootselaar*

**Multiple sclerosis**

**1170** Low vitamin D and elevated immunoreactivity against Epstein-Barr virus before first clinical manifestation of multiple sclerosis

*B F Décard, N von Ahnen, T Grunwald, F Streit, A Stroet, P Niggemeier, V Schottstedt, J Riggert, R Gold, A Chan*

**Cerebrovascular disease**

**1174** Assessment of cerebral small vessel disease predicts individual stroke risk

*M M F Poels, E W Steyerberg, R G Wieberdink, A Hofman, P J Koudstaal, M A Ikeram, M M B Breteler*

**1180** 7 T MRI reveals diffuse iron deposition in putamen and caudate nucleus in CADASIL

*M K Liem, S A J L Oberstein, M J Versluis, M L C Maat-Schieman, J Haan, A G Webb, M D Ferrari, M A van Buchem, J van der Grond*

**1222** A 'web app' for diagnosing hemianopia



*N Koiava, Y-H Ong, M M Brown, J Acheson, G T Plant, A P Leff*

**1225** Decision-making in the diagnosis and treatment of stroke-associated pneumonia

*H Harms, S Hoffmann, U Malzahn, S Ohlraun, P Heuschmann, A Meisel*

**MORE CONTENTS ►**



This article has been chosen by the Editor to be of special 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.



This article has been made freely available online under the BMJ Journals Open Access scheme.

See <http://jnnp.bmj.com/site/about/guidelines.xhtml#open>



The article is part of the Impact Commentaries series

**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](http://www.publicationethics.org.uk)



When you have finished with this magazine please recycle it.

J Neurol Neurosurg Psychiatry: first published as on 1 December 2012. Downloaded from <http://jnnp.bmj.com/> on October 22, 2020 by guest. Protected by copyright.

## Neurosurgery

- 1186** Risk and outcomes for traumatic brain injury in patients with mental disorders

*C-C Liao, W-T Chiu, C-C Yeh, H-C Chang, T-L Chen*

- 1193** A longitudinal MRI study of traumatic axonal injury in patients with moderate and severe traumatic brain injury

*K G Moen, T Skandsen, M Folvik, V Brezova, K A Kvistad, J Rydland, G T Manley, A Vik*

## Neuromuscular

- 1201** Classification of familial amyotrophic lateral sclerosis by family history: effects on frequency of genes mutation

*A Conte, S Lattante, M Luigetti, A D Grande, A Romano, A Marcaccio, G Marangi, P M Rossini, G Neri, M Zollino, M Sabatelli*

- 1204** Comprehensive analysis of the *TRPV4* gene in a large series of inherited neuropathies and controls

*K A Fawcett, S M Murphy, J M Polke, S Wray, V S Burchell, H Manji, R M Quinlivan, A A Zdebik, M M Reilly, H Houlden*

## Neuro-inflammation

- 1210** Nationwide survey of patients in Japan with Bickerstaff brainstem encephalitis: epidemiological and clinical characteristics

*M Koga, S Kusunoki, K Kaida, R Uehara, Y Nakamura, T Kohriyama, T Kanda*

- 1216** Should we be 'nervous' about coeliac disease? Brain abnormalities in patients with coeliac disease referred for neurological opinion

*S Currie, M Hadjivassiliou, M JR Clark, D S Sanders, I D Wilkinson, P D Griffiths, N Hoggard*

## Neurological pictures

- 1168** Vein of Labbe thrombosis by CT and MRI

*S Shivaprasad, G Shroff, V Kumar*

- 1231** Multiple intracranial abscesses due to *Streptococcus anginosus* in a previously well individual

*M A Kirkman, H Donaldson, K O'Neill*

## Neuropsychiatry

- 1233** A sensitive scale to assess nociceptive pain in patients with disorders of consciousness

*C Chatelle, S Majerus, J Whyte, S Laureys, C Schnakers*

## Epilepsy

- 1238** Large scale brain models of epilepsy: dynamics meets connectomics

*M P Richardson*



## PostScript

- 1249** Letter

Receive regular table of contents by email.  
Register using this QR code.

