



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 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
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, and printed in the UK on acid-free paper.

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.

Editorial

949 Movement disorders: what lies beneath?
M C Kiernan



Editorial commentaries

950 Behavioural and cognitive dysfunction across basal ganglia disorders
A E Cavanna

952 Sniffing out the cerebellum
H Houlden

Impact commentaries

954 The relevance of the Lewy Body to the pathogenesis of idiopathic Parkinson's disease
A J Lees



Movement disorders

956 Benign hereditary chorea: phenotype, prognosis, therapeutic outcome and long term follow-up in a large series with new mutations in the *TITF1/NKX2-1* gene
D Gras, L Jonard, E Roze, S Chantot-Bastarand, J Koht, J Motte, D Rodriguez, M Louha, I Caubel, I Kemlin, L Lion-François, C Goizet, L Guillot, M-L Moutard, R Epaud, B Héron, P Charles, M Tallot, A Camuzat, A Durr, M Polak, D Devos, D Saunlaville, I Vuillaume, T Billelte de Villemeur, M Vidailhet, D Doummar

963 Functional brain imaging of cognitive dysfunction in Parkinson's disease
S Hirano, H Shinotoh, D Eidelberg

970 Olfactory impairment in familial ataxias
M Moscovich, R P Munhoz, H A Teive, S Raskin, M de J Carvalho, E R Barbosa, R Ranvaud, J Liu, K McFarland, T Ashizawa, A J Lees, L Silveira-Moriyama

975 Are premonitory urges a prerequisite of tic inhibition in Gilles de la Tourette syndrome?
C Ganos, U Kahl, O Schunke, S Kühn, P Haggard, C Gerloff, V Roessner, G Thomalla, A Münchau

979 Normal and pathological gait: what we learn from Parkinson's disease
D Grabli, C Karachi, M-L Welter, B Lau, E C Hirsch, M Vidailhet, C François

986 Imaging gait disorders in parkinsonism: a review
A Maillet, P Pollak, B Debû



994 The representation of movement disorders in fictional literature
H Voss

1001 Comparison of patient rated treatment response with measured improvement in Parkinson's disease
M B Davidson, D J M McGhee, C E Counsell



1006 Phenotypes and genetic architecture of focal primary torsion dystonia
J L Groen, M C Kallen, B P C van de Warrenburg, J D Speelman, J J van Hilten, M Aramideh, A J W Boon, C Klein, J H T M Koelman, T P Langeveld, F Baas, M A J Tijssen

1012 DYT16: the original cases
S Camargos, A J Lees, A Singleton, F Cardoso

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>



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



- 1015** Effect of stimulation frequency on immediate freezing of gait in newly activated STN DBS in Parkinson's disease

T Xie, U J Kang, P Warnke

- 1019** Prevalence and phenomenology of olfactory hallucinations in Parkinson's disease

S Bannier, J L Berdagué, I Rieu, I de Chazeron, A Marques, P Derost, M Ulla, P-M Llorca, F Durif

- 1022** Movement kinematic after deep brain stimulation associated microlesions

A Singh, S Kammermeier, J H Mehrkens, K Bötzel

- 1027** The clinical features of pathologically confirmed vascular Parkinsonism

P G Glass, A J Lees, A Bacellar, J Zijlmans, R Katzenschlager, L Silveira-Moriyama

Neurological picture

- 999** Acquired hepatocerebral degeneration revealed by neurogenic hyperventilation syndrome and myelitis

N Carriere, A Rollin, C Simonin, P Labauge

- 1017** Transient high-intensity signal of heterotopia on DWI in an epilepsy patient

S Y Kang, Y M Han, K Choi, S H Hwang

Postscript

- 1030** Letters

Electronic pages

- e1** British Neuropsychiatry Association
2012 – AGM



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