Contents

Volume 91 Issue 3 | JNNP March 2020

2020 Vision
225 One hundred years of shared interest
M Rossor

2020 Hindsight
227 Occasional essay: Upper motor neuron syndrome in amyotrophic lateral sclerosis
M Swash, D Burke, M R Turner, J Grosskreutz, P N Leigh, M deCarvalho, M C Kiernan

Editorial
235 Neuropsychiatric history influences cognition and behaviour in MND
M Jones

Cognitive neurology
236 Sleep problems and risk of all-cause cognitive decline or dementia: an updated systematic review and meta-analysis
W Xu, C-C Tan, J-J Zu, X-P Gao, L Tan

Neurodegeneration
245 Relationship between neuropsychiatric disorders and cognitive and behavioural change in MND
C A McHutchison, D J Leighton, A McIntosh, E Cleary, J Warmer, M Petteo, S Chandran, S Pal, S Abrahams

Effect of rovatirelin in patients with cerebellar ataxia: two randomised double-blind placebo-controlled phase 3 trials
M Nishikawa, O Onodera, A Hiraizawa, Y Shimizu, M Yamada, on behalf of the Rovatirelin Study Group

254 Plasma glial fibrillary acidic protein is raised in progranulin-associated frontotemporal dementia

Multiple sclerosis
271 Minimal evidence of disease activity (MEDA) in relapsing-remitting multiple sclerosis
L Prosperi, C Mancinelli, S Haggag, C Cordi, I De Giglio, N De Rossi, S Galgani, S Rasia, S Ruggieri, C Tortorella, C Pozzilli, C Gasperini

Neuromuscular
278 Hyper-reflexia in Guillaum-Barré syndrome: systematic review
A Unicini, F Notturno, S Kawabara

285 Prognosis of amyotrophic lateral sclerosis patients undergoing tracheostomy invasive ventilation therapy in Japan

291 Regional spreading of symptoms at diagnosis as a prognostic marker in amyotrophic lateral sclerosis: a population-based study

MORE CONTENTS ▶

Disclaimer: The Editor of JNNP has been granted editorial freedom and JNNP is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. JNNP is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantees as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by JNNP does not imply endorsement. BMJ Publishing Group Limited shall not be liable for any loss, injury or damage however arising from JNNP (except for liability which cannot be legally excluded).

Copyright: © 2020 BMJ Publishing Group Ltd. 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 Exact Premedia Services Private Ltd., Chennai, India and printed in the UK on acid-free paper from sustainable forests.

Journal of Neurology Neurosurgery & Psychiatry (ISSN No: 0022-3050) 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, 148th Avenue, 2nd Floor, Jamaica, NY 11434, USA.
Cerebrovascular disease
298  Haptoglobin genotype and outcome after spontaneous intracerebral haemorrhage

305  Haptoglobin genotype and outcome after aneurysmal subarachnoid haemorrhage

Movement disorders
314  Risk of spread in adult-onset isolated focal dystonia: a prospective international cohort study

Postscript
321  Letters