Contents

Editorial commentaries
1181 Propagation: Prion-like mechanisms can explain spreading of motor neuronal death in amyotrophic lateral sclerosis?
S Kawabara, T Yokota

1183 Improving visual neglect after right hemisphere stroke
N Gorgerapitis, M Husain

1185 Exercise and Parkinson’s disease
E D Playford

Cerebrovascular disease
1186 Endothelial and inflammatory markers in relation to progression of ischaemic cerebral small-vessel disease and cognitive impairment: a 6-year longitudinal study in patients with type 2 diabetes mellitus
T Umemura, T Kawamura, H Umezaki, S Maskita, A Kanai, T Sakakibara, N Hotta, G Sobue

1195 Neuroanatomy of a neurobehavioral disturbance in the left anterior thalamic infarction
Y Nishio, M Hashimoto, K Ishii, E Morisawa

1201 MRI guides diagnostic approach for ischaemic stroke

1260 Safety of transcranial Doppler ‘bubble study’ for identification of right to left shunts: an international multicentre study
G Tsivgoulis, E Stamboulis, V K Sharma, I Heliepoulos, K Vamvouvakakis, H L Tech, V Aidikonis, N Triantafyllou, B P L Chan, S N Vasdekis, C Pipera

1209 Simultaneous Doppelgängering and limb amputation impression in right frontal opercular stroke
J Nsimire Chabwine, C Granzier, M I Vargas, T Aboulafia, L Caratsch, A Schnider, T Landis, F Peren

1212 Adaptive motion processing in bilateral vestibular failure
R Kalla, N Muggleton, R Spiegel, D Buetti, J Claessen, V Walsh, A Bronstein

Movement disorders
1219 Feeling of presence in Parkinson’s disease
G Fentelon, T Soulas, L Cleret de Langavant, I Trinkler, A-C Bachoud-Lévi

1225 Sensorimotor skills and focal dystonia are linked to putaminal grey-matter volume in pianists
O Granert, M Peller, H-C Jakubsch, E Altenmüller, H R Stelmeh

1232 An exercise intervention to prevent falls in people with Parkinson’s disease: a pragmatic randomised controlled trial
V A Goodwin, S H Richards, W Henley, P Ewings, A H Taylor, J L Campbell

Neurodegenerative disease
1239 Novel optineurin mutations in patients with familial and sporadic amyotrophic lateral sclerosis

1244 Onset and spreading patterns of lower motor neuron involvements predict survival in sporadic amyotrophic lateral sclerosis
C Fujimura-Kiyono, F Kimura, S Ishida, H Nakajima, T Hosokawa, M Sugino, T Hanafusa

Movement disorders
1219 Feeling of presence in Parkinson’s disease
G Fentelon, T Soulas, L Cleret de Langavant, I Trinkler, A-C Bachoud-Lévi

1225 Sensorimotor skills and focal dystonia are linked to putaminal grey-matter volume in pianists
O Granert, M Peller, H-C Jakubsch, E Altenmüller, H R Stelmeh

1232 An exercise intervention to prevent falls in people with Parkinson’s disease: a pragmatic randomised controlled trial
V A Goodwin, S H Richards, W Henley, P Ewings, A H Taylor, J L Campbell

Neurodegenerative disease
1239 Novel optineurin mutations in patients with familial and sporadic amyotrophic lateral sclerosis

1244 Onset and spreading patterns of lower motor neuron involvements predict survival in sporadic amyotrophic lateral sclerosis
C Fujimura-Kiyono, F Kimura, S Ishida, H Nakajima, T Hosokawa, M Sugino, T Hanafusa
Neurosurgery
1250 Effects of deep brain stimulation of dorsal versus ventral subthalamic nucleus regions on gait and balance in Parkinson’s disease
M E McNeely, T Hershey, M C Campbell, S D Tubb, M Karmi, J M Hartlein, H M Lagar, F J Reviile, J S Perlmutter, G M Earhart

1256 Pedunculopontine nucleus deep brain stimulation produces sustained improvement in primary progressive freezing of gait
R A Wilcox, M H Cole, D Wong, T Coyne, P Silburn, G Kerr

1260 Prognostic significance of third ventricle blood volume in intracerebral haemorrhage with severe ventricular involvement
D Staykov, B Volbers, I Wagner, H B Hattner, A Doerfler, S Schwah, J Bardutzky

1264 Long term outcome after subarachnoid haemorrhage of unknown aetiology
L M Pyysalo, T T Niskakangas, L H Keski-Nisula, V J Kähärä, J E Öhman

Neuropsychiatry
1267 Conversion disorder: a problematic diagnosis
T R J Nicholson, J Stone, R A A Kanaan

Cognitive disorders
1274 Structural neuroanatomy of tinnitus and hyperacusis in semantic dementia
C J Mahoney, J D Rohrer, J C Goll, N C Fox, M N Rosser, J D Warren

1279 Absence of visual feedback abolishes expression of hemispatial neglect in self-guided spatial completion
A Schnider, V Blanche Durbec, R Ptak

Neuromuscular disease
1283 MRI shows increased sciatic nerve cross sectional area in inherited and inflammatory neuropathies

1287 Systemic but asymptomatic transthyretin amyloidosis 8 years after domino liver transplantation
H Koike, T Kiuchi, M Iijima, M Ueda, Y Ando, S Morozumi, M Tomita, Y Kawagashira, H Watanabe, M Katsuno, Y Shimeyama, Y Okazaki, H Kamei, G Sobue

1291 B-cell-activating factor in rituximab-treated patients with anti-MAG polyneuropathy
I. Benedetti, E Zardini, C Briani, A Beronio, S Gastaldi, S Jarius, G L Mancardi, A Schenone, D Franciotta

PostScript
1295 Letters

Neurological picture
1217 An intradural spinal tuberculoma mimicking a neurinoma
B Schoekler, K Pistracher, M Mrfka, J Haybaech, M Trummer