## Contents

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Remembrance of things future</td>
<td>M C Kiernan</td>
</tr>
<tr>
<td>2</td>
<td>More than movement: the importance of the evolution of mild cognitive impairment in Parkinson’s disease</td>
<td>A B Bonfaint</td>
</tr>
<tr>
<td>3</td>
<td>Time to onset of secondary progression as an outcome in MS trials: a new paradigm?</td>
<td>B V Taylor</td>
</tr>
<tr>
<td>4</td>
<td>Ultra-high field MRI: looking through the ‘macroscope’</td>
<td>I D Kishon, M P Watts, J J G Gentz</td>
</tr>
<tr>
<td>5</td>
<td>Becker and Duchenne muscular dystrophy: a two-way information process for therapies</td>
<td>H Lochmüller, K Bashy</td>
</tr>
<tr>
<td>6</td>
<td>Open Access: Multiple sclerosis</td>
<td>Sito S, Tariq S, Mahboob S, Tariq M</td>
</tr>
<tr>
<td>17</td>
<td>Deep brain stimulation improves survival in severe Parkinson’s disease</td>
<td>D Ngoa, R Mitchell, J Kaiser, J Hudson, A Harris, H Pall</td>
</tr>
<tr>
<td>23</td>
<td>Extrastriatal dopaminergic changes in Parkinson’s disease patients with impulse control disorders</td>
<td>J-Y Lee, S H Seo, Y K Kim, H B Yoo, Y E Kim, I C Song, J S Lee, B S Joon</td>
</tr>
<tr>
<td>44</td>
<td>Posterior cingulate epilepsy: clinical and neurophysiological analysis</td>
<td>R Enauta, J Baldozo, D R Nair, W Bingaman, I Najm, J Gonzalez-Martinez</td>
</tr>
<tr>
<td>51</td>
<td>Constraint-induced aphasia therapy following sub-acute stroke: a single-blind, randomised clinical trial of a modified therapy schedule</td>
<td>A Sickert, I-C Andes, T F Monte, M Styer</td>
</tr>
<tr>
<td>60</td>
<td>Ultra-high-field MR imaging in multiple sclerosis</td>
<td>M Filippe, N Evangelou, A Kangarlu, M Inglese, C Mainiero, M A Horofield, M A Rocca</td>
</tr>
<tr>
<td>67</td>
<td>Onset of secondary progressive phase and long-term evolution of multiple sclerosis</td>
<td>A Staffan, A Neuhaus, M Daumer, P A Munno, G C Ebers</td>
</tr>
</tbody>
</table>

### Cerebrovascular disease

- 51 Constraint-induced aphasia therapy following sub-acute stroke: a single-blind, randomised clinical trial of a modified therapy schedule

### Multiple sclerosis

- 60 Ultra-high-field MR imaging in multiple sclerosis
  - M Filippe, N Evangelou, A Kangarlu, M Inglese, C Mainiero, M A Horofield, M A Rocca

---

**Editorials**

1. Remembrance of things future
   - M C Kiernan

2. More than movement: the importance of the evolution of mild cognitive impairment in Parkinson’s disease
   - A B Bonfaint

3. Time to onset of secondary progression as an outcome in MS trials: a new paradigm?
   - B V Taylor

4. Ultra-high field MRI: looking through the ‘macroscope’
   - I D Kishon, M P Watts, J J G Gentz

5. Becker and Duchenne muscular dystrophy: a two-way information process for therapies
   - H Lochmüller, K Bashy

### Movement disorders

7. Exploratory analysis of neuropsychological and neuroanatomical correlates of progressive mild cognitive impairment in Parkinson’s disease

17. Deep brain stimulation improves survival in severe Parkinson’s disease
   - D Ngoa, R Mitchell, J Kaiser, J Hudson, A Harris, H Pall

23. Extrastriatal dopaminergic changes in Parkinson’s disease patients with impulse control disorders
   - J-Y Lee, S H Seo, Y K Kim, H B Yoo, Y E Kim, I C Song, J S Lee, B S Joon

### Epilepsy

38. Electric source imaging of interictal activity accurately localises the seizure onset zone
   - P Milgeovand, L Spinelli, M Genetti, V Brodbbeck, S Momjan, K Schaller, C M Michel, S Vulliemoz, M Sreek

---

This article has been chosen in conjunction with the BMJ Patient Forum to be of particular interest to patients and is freely available online.
Neurodegeneration
85 Spreading of amyotrophic lateral sclerosis lesions—multifocal hits and local propagation?
T Sekiguchi, T Kanouchi, K Shihuya, Y-i Noto, Y Yagi, A Inaba, K Abe, S Misawa, S Orimo, T Kobayashi, T Kamata, M Nakaogawa, S Kaneko, H Mitusawa, T Yokota

Neuromuscular
92 Clinical characterisation of Becker muscular dystrophy patients predicts favourable outcome in exon-skipping therapy
J C van den Bergen, S M S van Westrum, I Dekker, A J van der Kooi, M de Visser, B H A Wokke, C S Smeets, M A Hulsken, A Aartsma-Rus, J J Verschuuren, H B Ginjaar

Neurosurgery
99 Sensorimotor cortical changes assessed with resting-state fMRI following total brachial plexus root avulsion
T-m Qiu, L Chen, Y Mao, J-s Wu, W-j Tang, S-a Hu, L-j Zhou, Y-d Gu

106 Age, gender and tumour size predict work capacity after surgical treatment of vestibular schwannomas
A R AL-Shudifat, B Kahlon, P Highland, A Y Schön, K Lindskog, P Siesjo

Neurological pictures
112 A new headache during late pregnancy: consider the nasal mucosa as a 'point' of reference
T D Rozen

114 Conjugate upward gaze paralysis with unilateral ptosis caused by a unilateral midbrain infarction
B L dos Santos, G N Simão, O M Pontes-Neto

PostScript
117 Letter

118 Correction