

Although it could be argued that this reduction may simply be the result of reduced life expectancy in MS patients, this is unlikely, as an age-specific Cox survival model also showed a significant reduction in the risk of cancer.² Similarly, it is unlikely that this would represent under-reporting of cancer because patients are typically in closer contact with health practitioners than the normal population.² Explanations could include lifestyle alterations following diagnosis, genetic factors or immunological changes due to MS. Further study of mechanisms is therefore warranted, but more immediately, the results of this meta-analysis will be of use for MS patients and their care givers.

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REFERENCES

1. **Fois AF**, Wotton CJ, Yeates D, *et al.* Cancer in patients with motor neuron disease, multiple sclerosis, and Parkinson's disease: record-linkage studies. *J Neurol Neurosurg Psychiatry* 2010;**81**:215–21.
2. **Bahmanyar S**, Montgomery SM, Hillert J, *et al.* Cancer risk among patients with multiple sclerosis and their parents. *Neurology* 2009;**72**:1170–7.
3. **Lebrun C**, Debouverie M, Vermersch P, *et al.* Cancer risk and impact of disease-modifying treatments in patients with multiple sclerosis. *Mult Scler* 2008;**14**:399–405.
4. **Nielsen NM**, Rostgaard K, Rasmussen S, *et al.* Cancer risk among patients with multiple sclerosis: a population-based register study. *Int J Cancer* 2006;**118**:979–84.

5. **Midgard R**, Glatte E, Gronning M, *et al.* Multiple sclerosis and cancer in Norway. A retrospective cohort study. *Acta Neurol Scand* 1996;**93**:411–15.

CORRECTIONS

doi:10.1136/jnnp.2008.169029corr1

J Pretnar-Oblak, M Zaletel, T M Hajnšek, *et al.* Isolated bulbar paralysis in a patient with medullar tau pathology: a case report (*J Neurol Neurosurg Psychiatry* 2010;**81**:847–849). The authors misplaced the label number (9) in Figure 1 of this paper and therefore this area indicated does not represent the nucleus ambiguus. The reprinted version of Figure 1 represents the correct area for nucleus ambiguus.

The authors would also like to explain further the labels in figure 2C and 2D. 2C: Extensive tau pathology in DNVN composed of numerous neuropil threads and tau-positive neurons (arrows). 2D: Tau pathology of few neuropil threads in the SN (arrows).

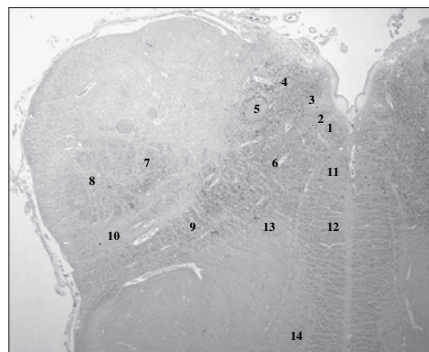


Figure 1 The corrected version with previously misplaced number 9.

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Jes Olesen, Mary G Baker, Tamas Freund, *et al.* Consensus document on European brain research (*J Neurol Neurosurg Psychiatry*

2006;**77**:i1–i49). This paper was published in the journal without a doi. The doi is 10.1136/jnnp.2006.089540.

doi:10.1136/jnnp.2006.095547

E J Thompson. Lock and key approach to “hidden” encephalitis (*J Neurol Neurosurg Psychiatry* 2006;**77**:901). This paper was published in the journal with an incorrect doi of 10.1136/jnnp.2005.095547. The correct doi is 10.1136/jnnp.2006.095547.

doi:10.1136/jnnp.2006.097923

Alice Nieuwboer, Gert Kwakkel, Lynn Rochester, *et al.* Cueing training in the home improves gait-related mobility in Parkinson's disease: The RESCUE-trial (*J Neurol Neurosurg Psychiatry* 2007;**78**:134–140). This paper was published in the journal with an incorrect doi of doi:10.1136/jnnp.2005.097923. The correct doi is 10.1136/jnnp.2006.097923.

doi:10.1136/jnnp.2006.103135

J L Dornhoffer, M Mennemeier. Transcranial magnetic stimulation and tinnitus: implications for theory and practice (*J Neurol Neurosurg Psychiatry* 2007;**78**:113). This paper was published in the journal with an incorrect doi of 10.1136/jnnp.2006.0103135. The correct doi is 10.1136/jnnp.2006.103135.

doi:10.1136/jnnp.2008.146548

S T Andersen, J Vissing. Carbohydrate- and protein-rich diets in McArdle disease: effects on exercise capacity (*J Neurol Neurosurg Psychiatry* 2008;**79**:1359–1363). This article was published in the journal with an incorrect doi of 10.1136/adc.2008.146548. The correct doi is 10.1136/jnnp.2008.146548.