



CORRIGENDUM

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Sailasuta N, Harris K, Tran T, Ross B. Minimally invasive biomarker confirms glial activation present in Alzheimer's disease: a preliminary study. *Neuropsychiatr Dis Treat*. 2011;7:495–499.

Abstract: The third sentence should be 'Calculation of the initial slope was similar in a single subject, examined twice, 4 months apart (test–retest 8%).'

Methods, 'Patients' section: The second line should be 'A total of 24 MRI/MRS studies were performed on five

subjects of whom one had AD, two had mild cognitive impairment (MCI) and two were healthy older adults with mean age of 78 ± 3 years, and two were females. The AD subject was examined twice.'

Methods, 'Neuroimaging and Spectroscopy' section: The following sentence should be added to the end, 'Test–retest of ^{13}C MRS in an AD was performed at 4 months with reproducibility of 8%.'

Table 1 has been revised, as shown below.

Table 1 Compilations of subjects' characteristics, proton, carbon MRS, and neuropsychological assessment results

	Patient 1 control	Patient 2 control	Patient 3 MCI	Patient 4 MCI	Patient 5A* AD	Patient 5B* AD
Subject characteristics						
Age	80	83	77	81	76	
Gender	M	M	M	M	F	
MMSE	30	28	26	27	22	
Proton MRS results						
NAA/Cr	1.45	1.37	1.47	1.37	1.62	1.39
mi/Cr	0.56	0.72	0.77	0.74	0.85	0.83
NAA/mi	2.6	1.92	1.92	1.85	1.34	1.67
Carbon MRS results						
Rate of bicarbonate production (% FE/minute)	0.023	0.03	0.042	0.033	0.056	0.06
Neuropsychological assessment (Z scores)						
Attention/concentration	WNL	WNL	–2	WNL	–1.6	–1.6
Working memory						
Psychomotor/Information processing	WNL	WNL	WNL	WNL	–1.5	–1.5
Language functions	WNL	WNL	–1.5	WNL	–1.5	–1.5
Verbal memory	WNL	WNL	–1.3	–1.3	–3	–3
Nonverbal memory	WNL	WNL	–3	WNL	–3	–3
Visuospatial/construction	WNL	–1.4	–1.4	–2	–2	–2
Executive functions	WNL	–1.4	–2.5	WNL	–3	–3
Motor functions	WNL	WNL	–1.3	WNL	WNL	WNL

Notes: *The AD subject was examined twice with a 4-month interval between studies.

Abbreviations: AD, Alzheimer's disease; Cr, creatine; FE, fractional enrichment; mi, myo-inositol; MCI, mild cognitive impairment; MMSE, mini-mental state examination; MRS, magnetic resonance spectroscopy; NAA, N-acetyl aspartate; WNL, within normal limits.

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