

## **A NEW SIMPLE SCORE FOR ASSESING BEHAVIORAL AND PSYCHOLOGICAL SYMPTOMS OF DEMENTIA (ABE'S BPSD SCORE=ABS)**

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In addition to cognitive impairment, behavioral and psychological symptoms of dementia (BPSD) are another important aspect of most dementia patients including post-stroke dementia. We attempted to create a new BPSD score for dementia with 10 BPSD items. This new simple BPSD score was compared to a standard-detailed BPSD score neuropsychiatric inventory (NPI) for a possible correlation (n=792) and a time to complete (n=136). Based on the clinical survey for local caregivers, a new BPSD score for dementia (ABS, Abe's BPSD score) was newly created, in which each BPSD item was allotted by an already-weighted score (maximum 1–9) based on the frequency and severity, and was finalized with taking temporal occurrences into account. ABS was filled by the main caregiver with a full score of 44, was well correlated with NPI ( $r = 0.716$ ,  $**p < 0.01$ ) in 792 AD patients (age  $78.6 \pm 7.0$  years, MMSE  $19.0 \pm 5.9$ ), and took a shorter time as only  $56.8 \pm 38.8$  s ( $**p < 0.01$ ) than NPI score ( $132.7 \pm 94.0$  s) with 136 AD patients. A high inter-rater reliability was obtained ( $r = 0.964$ ,  $**p < 0.01$ ) with a little smaller score (0.877 time) of ABS in secondary than the main caregivers. Thus ABS provides a new simple and quick test for BPSD assessment, with a good correlation to NPI but a shorter time, and with a high inter-rater reliability (Abe K et al.: *J. Neurol. Sci.* 2015; 350: 14-17).