



Advanced Treatment and Care Management in Dementia: From Bench to Bedside

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Message from the Guest Editor

Dementia impairs multiple cognitive functions especially memory. It is a progressive neuropsychiatric disorder and affects daily function. Nowadays, Alzheimer disease (AD) is the leading cause of dementia among older populations, and the prevalence of AD-induced dementia is high at up to 4.02% among adults aged >60 years. Approximately 35.6 million adults worldwide developed dementia in 2010, and this number is projected to increase to 65.7 million in 2030. Worldwide spending on AD was approximately US\$422 billion in 2009. The main pharmacologic treatments for AD patients are cholinesterase inhibitors and the N-methyl-D-aspartate receptor partial antagonist memantine. However, the treatment response is not satisfied and may cause adverse effects. Moreover, dementia not only impairs cognitive functions and quality of life in patients but also results in a heavy burden on caregivers, especially their families. Therefore, advanced treatment and care must be urgently developed for dementia.

- dementia
- Alzheimer disease
- treatment
- care





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